

Flushing Commons Phase 1
QUEENS, NEW YORK

Remedial Investigation Report

NYC VCP Site Number: 14CVCP191Q

Prepared for:

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REMEDIAL INVESTIGATION REPORT

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LIST OF ACRONYMS

| Acronym | Definition |
|-----------------|---|
| AOC | Area of Concern |
| CAMP | Community Air Monitoring Plan |
| COC | Contaminant of Concern |
| CPP | Citizen Participation Plan |
| CSM | Conceptual Site Model |
| DER-10 | New York State Department of Environmental Conservation Technical Guide 10 |
| FID | Flame Ionization Detector |
| GPS | Global Positioning System |
| HASP | Health and Safety Plan |
| HAZWOPER | Hazardous Waste Operations and Emergency Response |
| IRM | Interim Remedial Measure |
| NAPL | Non-aqueous Phase Liquid |
| NYC VCP | New York City Voluntary Cleanup Program |
| NYC DOHMH | New York City Department of Health and Mental Hygiene |
| NYC OER | New York City Office of Environmental Remediation |
| NYS DOH ELAP | New York State Department of Health Environmental Laboratory Accreditation Program |
| OSHA | Occupational Safety and Health Administration |
| PID | Photoionization Detector |
| QEP | Qualified Environmental Professional |
| RI | Remedial Investigation |
| RIR | Remedial Investigation Report |
| RRSCO | Restricted Residential Soil Cleanup Objective |
| SCO | Soil Cleanup Objective |
| SPEED | Searchable Property Environmental Electronic Database |
| UUSCO | Unrestricted Use Soil Cleanup Objective |

CERTIFICATION

I, Stephen Malinowski, am a Qualified Environmental Professional, as defined in RCNY § 43-1402(ar). I have primary direct responsibility for implementation of the Remedial Investigation for the Flushing Commons Phase 1, NYC VCP Site No. CVCP191Q. I am responsible for the content of this Remedial Investigation Report (RIR), have reviewed its contents and certify that this RIR is accurate to the best of my knowledge and contains all available environmental information and data regarding the property.

Stephen T. Malinowski 2/27/14 Stephen Malinowski

Qualified Environmental Professional

Date

Signature



EXECUTIVE SUMMARY

This Remedial Investigation Report (RIR) provides sufficient information for establishment of remedial action objectives, evaluation of remedial action alternatives, and selection of a remedy pursuant to RCNY§ 43-1407(f). The remedial investigation (RI) described in this document is consistent with applicable guidance.

Site Location and Current Usage

The Site is located at 38-18 Union Street in the Flushing section in Queens, New York and is identified as Block 4978 and Lot 25 (portion) on the New York City Tax Map. The location of the Flushing Commons Phase 1 site (Site) is provided as Figure 1. The Site is 67,600 square feet and is bounded by an automotive parking lot and the Macedonian African Methodist Episcopal Church to the north, 39th Avenue to the south, Union Street to the east, and an automotive parking lot to the west and northwest (Flushing Commons). A map depicting the Site boundary is shown in Figure 2. Currently, the Site is used for automotive parking and an access ramp to the adjacent elevated parking area.

Summary of Proposed Redevelopment Plan

The proposed future use of the Site will consist of two mixed use buildings (Buildings C and D) with a footprint of 41,875 square feet and four levels of subgrade parking containing 1,007 parking spaces. The first floors of Buildings C and D include loading areas, an office lobby, residential lobby, retail and an open space plaza with a 25,796 square foot landscape area on the ground floor above the parking garage. The second floor of each building includes retail establishments and the third floor contains office space. Floors four through 17 in Building C are designed for residential use and the fourth through 13th floors in Building D are designed for commercial/office use. A residential amenity roof is planned for the fourth floor. The total gross building square footage is 695,880.

The construction plan includes full build-out of the Site with excavation to approximately 50 feet below grade to construct the below grade parking structure. Partial demolition of the

existing steel garage structure will be necessary to facilitate the excavation. The excavation is planned to extend up to 50 feet below grade for the buildings' spread footings and to terminate at or in the water table. It is estimated that approximately 178,000 tons of soil will require excavation and off-site disposal during the foundation excavation. Architectural drawings of the proposed redevelopment for Flushing Commons Phase 1 are provided in Appendix 1. The current zoning designation is C4-4, major commercial center. The proposed use is consistent with existing zoning for the property.

Summary of Past Uses of Site and Areas of Concern

According to a Phase I Environmental Site Assessment (ESA) performed by AKRF, Inc. (AJKRF) in 2005, historical Sanborn maps indicated that the Site was part of a residential neighborhood on the earliest map from 1886. At some time between 1886 and 1897, most of the vacant land in the area became residential. By 1917, the Site had begun a transformation from residential to commercial use, a trend that continued through 1964 to 1965, when the current parking facility was constructed. The Site is currently owned by Flushing Commons Property Owner, LLC.

There were no on-site areas of concern (AOCs) identified during the Phase 1 ESA, 2006 Phase II, or the RI Site inspection.

Summary of the Work Performed under the Remedial Investigation

AKRF performed the following scope of work on behalf of Flushing Commons Property Owner, LLC:

1. Conducted a Site inspection to identify AOCs and physical obstructions (e.g., structures, buildings, etc.);
2. Installed 10 soil borings across the entire project Site, and collected 20 soil samples for chemical analysis from the soil borings to evaluate soil quality;
3. Installed four groundwater monitoring wells throughout the Site to establish groundwater flow and collected four groundwater samples for chemical analysis to evaluate groundwater quality; and

4. Installed six soil vapor probes and collected six samples for chemical analysis.

Summary of Environmental Findings

1. Elevation of the property ranges from approximately 47 to 57 feet above mean sea level.
2. Depth to groundwater ranges from 42.1 to 49.8 feet below surface grade at the Site.
3. Groundwater flow is generally from east to west beneath the Site.
4. Bedrock was not encountered during the remedial investigation.
5. The stratigraphy of the Site, from the surface down, consists of three to seven feet of historic fill underlain by coarse to fine sand with some silt until the bottom of the proposed foundation at approximately 50 feet below grade.
6. Soil samples collected during remedial investigation were compared to the 6NYCRR Part 375-6.8 Track 1 (Unrestricted Use SCOs) and Track 2 (Restricted Residential SCOs). Soil/fill samples results showed no detectable concentrations of pesticides or PCBs in any soil sample. Two VOCs, acetone and toluene, were detected at estimated trace levels below Unrestricted Use SCOs. Three SVOCs, bis(2-ethylhexyl)phthalate, fluoranthene, and pyrene, were detected at estimated trace levels below the Unrestricted Use SCOs. Three metals including arsenic (maximum of 29.1 ppm in one deep soil sample), chromium (maximum of 54 ppm in one shallow soil sample) and nickel (maximum of 39 ppm in one deep soil sample) exceeded Unrestricted Use SCOs. Arsenic exceeded the Restricted Residential SCO in one sample. No other metals exceeded Restricted Residential SCOs. Overall, the soil findings are unremarkable and not indicative of any disposal.
7. Groundwater samples collected during remedial investigation were compared to the New York State 6 NYCRR Part 703.5 Class GA Groundwater Quality Standards (GQS). Groundwater results showed several VOCs above GQS and included tetrachloroethene (PCE) ranging from 5.2 micrograms per liter ($\mu\text{g/L}$) to 40.8 $\mu\text{g/L}$, cis-1,2-dichloroethene ranging from 3.0 $\mu\text{g/L}$ to 10.2 $\mu\text{g/L}$, and trichloroethene ranging from 0.9 $\mu\text{g/L}$ and 9.7 $\mu\text{g/L}$. No VOCs were detected in any of the soil samples collected at the Site. No other VOCs were detected in the groundwater samples above their respective Class GA standards. One pesticide, dieldrin, was detected but below its GQS. SVOCs and PCBs were not detected in groundwater. Several metals were identified but only iron, magnesium, manganese, and sodium in the dissolved groundwater samples were detected above their respective GQS.

8. Soil vapor samples collected during remedial investigation were compared to the New York State Department of Health (NYSDOH) 2006 Guidance for Evaluating Soil Vapor Intrusion Air Guidance Values (AGVs) and matrices, and the September 2013 NYSDOH Fact Sheet update for PCE. A review of the soil vapor sample analytical results identified 29 VOCs detected in the six samples. VOCs associated with petroleum [including benzene, toluene, ethylbenzene, xylenes (collectively referred to as BTEX), 1,2,4- and 1,3,5-trimethylbenzene, cyclohexane, heptane, hexane, methyl ethyl ketone (MEK), 4-ethyltoluene, and 2,2,4-trimethylpentane] were detected at concentrations up to 59.5 $\mu\text{g}/\text{m}^3$. Solvent-related VOCs including acetone, chloroform, cis-1,2-dichloroethene, PCE, and TCE, were detected at concentrations up to 104 $\mu\text{g}/\text{m}^3$. PCE was detected in all soil vapor samples, and exceeded the guidance value of 30 $\mu\text{g}/\text{m}^3$ at two locations at concentrations of 74.6 $\mu\text{g}/\text{m}^3$ and 104 $\mu\text{g}/\text{m}^3$. TCE was detected in several samples, all at concentrations below the guidance value. 1,1,1-trichloroethane and carbon tetrachloride were not detected in any of the soil vapor samples. The PCE concentrations are in the monitoring level ranges established within the State DOH soil vapor guidance matrix.

REMEDIAL INVESTIGATION REPORT

1.0 SITE BACKGROUND

Flushing Commons Property Owner, LLC has enrolled in the New York City Voluntary Cleanup Program (NYC VCP) to investigate and remediate a 1.55-acre site located at 38-18 Union Street in the Flushing section of Queens, New York. Mixed commercial residential use is proposed for the Site. The RI work was performed between January 13, 2014 and January 20, 2014. This RIR summarizes the nature and extent of contamination and provides sufficient information for establishment of remedial action objectives, evaluation of remedial action alternatives, and selection of a remedy that is protective of human health and the environment consistent with the use of the Site pursuant to RCNY§ 43-1407(f).

1.1 Site Location and Current Usage

The Site is located at 38-18 Union Street in the Flushing section in Queens, New York and is identified as Block 4978 and Lot 25 (portion) on the New York City Tax Map. The Site location is provided as Figure 1. The Site is 67,600 square feet and is bounded by an automotive parking lot and the Macedonian African Methodist Episcopal Church to the north, 39th Avenue to the south, Union Street to the east, and an automotive parking lot to the west and northwest (Flushing Commons). A map of the Site boundary is shown in Figure 2.

Currently, the Site is used for automotive parking and contains an access ramp to the adjacent elevated parking area, which is part of the larger Flushing Commons site.

1.2 Proposed Redevelopment Plan

The proposed future use of the Site will consist of two mixed use buildings (Buildings C and D) with a footprint area of 41,875 square feet and four levels of subgrade parking containing 1,007 parking spots. The first floors of Buildings C and D include loading areas, an office lobby, a residential lobby, retail and an open space plaza with a 25,796 square foot landscape area on the ground floor above the parking garage. The second floor of each building includes retail establishments and the third floor contains office space. Floors four through 17 in Building C are designed for residential use and the fourth through 13th floors in Building D are designed for

commercial/office use. A residential amenity roof is planned for the fourth floor. The total gross building square footage is 695,880.

The construction plan includes full build-out of the Site with excavation to approximately 50 feet below grade to construct the below grade parking structure. Partial demolition of the existing steel garage structure will be necessary to facilitate the excavation. The excavation is planned to extend up to 50 feet below grade for the buildings' spread footings and to terminate at or in the water table. It is estimated that approximately 178,000 tons of soil will require excavation and off-site disposal during the foundation excavation. Architectural drawings of the proposed redevelopment for Flushing Commons Phase 1 are included in Appendix 1. The current zoning designation is C4-4, major commercial center. The proposed use is consistent with existing zoning for the Site.

1.3 Description of Surrounding Property

The Macedonian African Methodist Episcopal (A.M.E.) Church is north adjacent to the Site. The remainder of the entire city-block is occupied by a municipal parking structure that is slated to be redeveloped as part of the larger Flushing Commons site. To the north, across 37th Avenue, there is an 11-story residential complex. The New York Police Department 109th Precinct is east of the subject property, across Union Street. The remainder of the area surrounding the Site is comprised of primarily residential and commercial/retail properties. Figure 3 depicts surrounding land usage. A daycare center, Macedonia Child Development Center, is located within the A.M.E. Church immediately north of the Site. According to OER's *SPEED* application, no other day care facilities, schools, or hospitals are located within a 500-foot radius of the Site.

2.0 SITE HISTORY

2.1 Past Uses and Ownership

According to a Phase I Environmental Site Assessment (ESA) performed by AKRF, Inc. (AKRF) in 2005, historical Sanborn maps indicated that the Site was part of a residential neighborhood on the earliest map from 1886. At some time between 1886 and 1897, most of the vacant land in the area became residential. By 1917, the Site had begun a transformation from residential to commercial use, a trend that continued through 1964 to 1965, when the current parking facility was constructed. The Site is currently owned by Flushing Commons Property Owner LLC. A copy of the Phase I report for the entire Flushing Commons site which includes the Phase 1 portion is provided in Appendix 2.

2.2 Previous Investigations

AKRF completed a Phase II Subsurface Investigation for the entire Flushing Commons property in 2006 including the Phase 1 portion located nearest the southeast corner of Union Street and 39th Avenue. The investigation on the Phase 1 portion of the Flushing Commons site included the advancement of two soil borings, and the collection of four soil samples and two groundwater samples (one on-site and one off-site) for laboratory analysis. Historic fill material was present in the soil directly beneath the asphalt surface, but was generally no more than one foot thick in the two soil borings.

Significant findings were as follows:

Semivolatile organic compounds (SVOCs) were detected at one location below the unrestricted use soil cleanup objectives (UUSCOs). Metals were detected in both soil samples but at concentrations either below the UUSCOs or within normal background levels encountered in eastern U.S. and New York State soils. Lead was found in one of the soil samples at 300 milligrams per kilogram (mg/Kg) above the UUSCOs but below the restricted residential soil cleanup objectives (RRSCO). No volatile organic compounds (VOCs), polychlorinated biphenyls (PCBs), or pesticides were detected in any of the soil samples.

Groundwater samples were collected from temporary wells MW-4 and MW-9 for laboratory analysis. Well MW-4 was located north of the Site and MW-9 was located near the southeast corner of the Site by the corner of 39th Street and Union Street. Groundwater sample analytical results were compared to the NYSDEC Class GA standards. PCE was detected in the on-site groundwater sample MW-9, but at a concentration below the 5 µg/L Class GA standard. PCE was detected in the nearby off-site groundwater sample from well MW-4 at a concentration of 12 µg/L, which was above the 5 µg/L Class GA standard.

2.3 Site Inspection

A Site inspection was performed by Stephen Malinowski, QEP and Robert Andrews of AKRF on January 13, 2014. The inspection included a visual inspection of the asphalt-paved parking area, and a geophysical investigation to determine potential subsurface features.

2.4 Areas of Concern

There were no on-site areas of concern identified during the Phase 1 ESA, 2006 Phase II, or the Site inspection.

3.0 PROJECT MANAGEMENT

3.1 Project Organization

The Qualified Environmental Professional (QEP) responsible for preparation of this RIR is Stephen Malinowski. Mr. Malinowski also served as the Quality Assurance Officer. The Project Director and AKRF's Senior Officer is Marc Godick, LEP. The Site Safety Officer and Sample Technician is Robert Andrews.

3.2 Health and Safety

All work described in this RIR was performed in full compliance with applicable laws and regulations, including Site and OSHA worker safety requirements and HAZWOPER requirements.

3.3 Materials Management

All material encountered during the RI was managed in accordance with applicable laws and regulations. One drum containing groundwater removed from wells TW-1, TW-2, TW-3 and TW-4 during sampling was generated during the field investigation. Upon receipt of the results, the drum was disposed of as non-hazardous waste at the Republic Environmental Systems facility in Hatfield, PA. A copy of the waste manifest documenting the proper off-site disposal for the material is included in Appendix 3.

4.0 REMEDIAL INVESTIGATION ACTIVITIES

AKRF performed the following scope of work on behalf of Flushing Commons Property Owner, LLC:

1. Conducted a Site inspection to identify AOCs and physical obstructions (e.g., structures, buildings, etc.);
2. Installed 10 soil borings across the entire project Site, and collected 20 soil samples for chemical analysis from the soil borings to evaluate soil quality;
3. Installed four small diameter groundwater monitoring wells throughout the Site to establish groundwater flow and collected four groundwater samples for chemical analysis to evaluate groundwater quality;
4. Installed six soil vapor probes and collected six samples for chemical analysis; and
5. Collected one outdoor ambient air sample.

4.1 Geophysical Investigation

A geophysical investigation, including GPR and magnetometry, was conducted on January 13 and 14, 2014. The survey was conducted to investigate the potential presence of underground storage tanks (USTs) or buried aboveground storage tanks (ASTs) from former buildings. The GPR survey utilized electromagnetic wave propagation and scattering to image and identify changes in electrical and magnetic properties in the ground. Magnetometers measure irregularities in the magnetic field in a given area. There were no anomalies consistent with USTs or buried ASTs identified during the survey. Although there were no USTs observed, the results for geophysical investigations can vary based on subsurface conditions. A copy of the geophysical investigation report is provided in Appendix 4.

4.2 Borings and Monitoring Wells

4.2.1 Soil Sampling

Between January 13 through 20, 2014, AKRF advanced ten borings (SB-1 through SB-10) using a Geoprobe® Direct-Push Probe (DPP) drill rig at the locations shown on Figure 2. These locations were selected to obtain a representative sampling of the area of proposed soil disturbance. Utility mark outs were requested from the New York City/Long Island One Call Center prior to the commencement of drilling.

The borings were advanced to approximately 50 feet below grade unless refusal due to tight drilling conditions was encountered. Soil cores were obtained using a stainless steel, dual-tube sampler with an internal acetate liner. Borings were sampled continuously and soil cores were field-screened using a photoionization detector (PID), which measures relative concentrations of VOCs in the soil. The PID was calibrated at the beginning of each field day with 100 parts per million (ppm) isobutylene standard gas. At each boring location, AKRF field personnel recorded and documented subsurface conditions and collected one shallow sample from the top two feet and a second sample from the bottom of the boring.

Boring logs were prepared by Robert Andrews of AKRF, and are attached in Appendix 5. A map showing the locations of soil borings and monitor wells are shown on Figure 2. A summary of the final depth for each boring is presented below.

| Boring ID | Final Depth |
|------------------|--------------------|
| SB-1 | 42 feet |
| SB-2 | 57 feet |
| SB-3 | 50 feet |
| SB-4 | 30 feet |
| SB-5 | 38 feet |
| SB-6 | 51 feet |
| SB-7 | 51 feet |
| SB-8 | 51 feet |
| SB-9 | 30 feet |
| SB-10 | 30 feet |

4.2.2 Groundwater Sampling

Immediately adjacent (within a foot) to soil borings SB-1, SB-4, SB-5, and SB-8 a second boring was advanced to install a 3/4-inch diameter polyvinyl chloride (PVC) monitoring wells and equipped with flush-mounted covers. The wells were developed using a QED Sample Pro portable micro purge pump (0.75 inch diameter) and new polyethylene tubing to remove the fine sediments entering the well screen. The purge water was collected in a 55-gallon drum for off-site disposal at a later date.

The wells were allowed to rest several days and were then purged of three to five times their volume and sampled using a QED Sample Pro portable micro purge pump (0.75 inch diameter) and new polyethylene tubing. In addition, groundwater samples were field screened for evidence of contamination (e.g., odor, sheen, and PID reading).

Monitor well locations are shown on Figure 2. Groundwater sampling logs are provided as Appendix 6. The monitoring well construction and development details are provided in Table 1.

4.2.3 Soil Gas Sampling

Six soil gas samples (SV-1, SV-2, SV-3, SV-4, SV-5, and SV-6) were collected from approximately two feet below the asphalt surface of the parking lot. The soil vapor sampling points were installed using a DPP by advancing a 2-inch diameter hollow probe rod fitted with an expendable 6-inch long stainless steel screened drive point to two feet below grade. Dedicated Teflon-lined polyethylene tubing with threaded fittings was connected to the probe. The hollow probe rod was then removed, and the borings were backfilled with clean silica sand. Hydrated bentonite was used to fill the remaining void around the sampling tubing to the ground surface. The point was fitted with a flush-mounted manhole cover.

Soil vapor sampling logs are attached as Appendix 7. The locations of the soil vapor sampling points are shown on Figure 2. Soil vapor construction details are summarized in Table 2.

4.2.4 Survey

The locations and elevation of the four groundwater wells installed during the investigation were surveyed by Langan Engineering on January 17, 2014, and provided to AKRF on a Site survey. The locations of the soil boring and soil vapor points were verified in the field using both an aerial photograph and on the Site survey. The locations are shown on Figure 2.

4.2.5 Water Level Measurement

Groundwater levels were recorded from all four wells on January 20, 2014 using a Solinist 122 oil/water interface probe. The measurements were taken from a permanent black mark on top of each new well casing. The depth to water and casing elevations were utilized to determine the groundwater elevation and flow direction. The elevation and water level data are provided in Table 3 and illustrated on Figure 4.

4.3 Sample Collection and Chemical Analysis

Sampling performed as part of the field investigation was conducted for all Areas of Concern and also considered other means for bias of sampling based on professional judgment, area history, discolored soil, stressed vegetation, drainage patterns, field instrument measurements, odor, or other field indicators. All media including soil, groundwater and soil vapor have been sampled and evaluated in the RIR. Discrete (grab) samples have been used for final delineation of the nature and extent of contamination and to determine the impact of contaminants on public health and the environment. The sampling performed and presented in this RIR provides sufficient basis for evaluation of remedial action alternatives, establishment of a qualitative human health exposure assessment, and selection of a final remedy.

4.3.1 Soil Sampling

A total of 20 soil samples and one field duplicate (SB-7B 49-51) were collected for chemical analysis during this RI. One soil sample was collected from the 0 to 2 feet below grade interval and a second soil sample was collected from the two-foot interval at the deepest point of each soil boring. There were no PID readings, staining or odors observed during the soil sampling activities.

Sample containers were labeled and placed in ice-filled coolers and shipped to the laboratory via courier with appropriate chain-of-custody documentation. Soil samples selected for laboratory analysis were submitted to Accutest Laboratories, Inc. of Dayton, New Jersey (Accutest), a New York State Department of Health (NYSDOH)-certified laboratory. Two trip blanks for VOCs were included with the sample shipments for quality assurance and quality control (QA/QC) purposes.

Data on soil sample collection for chemical analyses, including dates of collection and sample depths, are reported in Tables 4 through 7 and on the boring logs in Appendix 5. Figure 2 shows the location of samples collected during this investigation. Analytical methods are described in Section 4.3.4.

4.3.2 Groundwater Sampling

On January 20, 2014, one groundwater sample was collected from each of the four monitoring wells (TW-1, TW-2, TW-3 and TW-4). Sample containers were labeled and placed in an ice-filled cooler and shipped to the laboratory via courier with appropriate chain-of-custody documentation. Groundwater samples selected for laboratory analysis were submitted to Accutest along with one field duplicate sample (TW-1B) for QA/QC purposes. Laboratory analytical methods are described in Section 4.3.4. Figure 2 shows the locations of samples collected during this investigation. Groundwater sample collection data is reported in Tables 8 through 11. Sampling logs with information on purging and sampling of groundwater monitor wells are included in Appendix 6.

4.3.3 Soil Vapor Sampling

Six soil vapor probes were installed and six soil vapor samples were collected for chemical analysis during this RI. Methodologies used for soil vapor assessment conform to the *NYS DOH Final Guidance on Soil Vapor Intrusion, October 2006*.

On January 20, 2014, the soil vapor points were sampled. Prior to collection, each sampling point was purged of three sample volumes using a peristaltic pump at a flow rate of approximately 0.1 liters/minute. During purging, an inverted five-gallon

bucket was placed over each sampling point and helium gas was introduced through a small hole in the bucket to saturate the atmosphere around the sample port with helium gas. Purged vapors were collected in a Tedlar bag and field-screened for organic vapors using a PID. The purged air was also monitored using a portable helium detector to check for short-circuiting of ambient air into the vapor sampling point. All soil vapor points passed the seal integrity tests with helium readings being measured at less than 10%. There were no PID readings recorded at all soil vapor sample locations.

After purging, each probe was connected via Teflon-lined polyethylene tubing to a laboratory-supplied 6-liter SUMMA canister equipped with a flow regulator set to collect a sample over a two-hour sampling period. Immediately after opening the flow control valve, the initial SUMMA canister vacuum (inches of mercury) was noted. After two hours, the flow controller valve was closed, the final vacuum noted, and the canister placed in a shipping carton for delivery to Accutest for analysis of VOCs via EPA Method TO-15. For QA/QC purposes one ambient air sample was also collected simultaneously with the soil vapor samples. Each Summa can was labeled to identify the sample ID, date, time and pressure readings. The identification number for both the Summa can and flow controller was noted on the chain-of-custody documentation and the samples were transported by courier directly to Accutest.

Soil vapor and ambient air sampling locations are shown in Figure 2. Soil vapor point construction and sampling details are reported in Table 2. Soil vapor sample collection data is reported in Table 12. Soil vapor sampling logs are included in Appendix 7. Methodologies used for soil vapor assessment conform to the *NYS DOH Final Guidance on Soil Vapor Intrusion, October 2006*.

4.3.4 Chemical Analysis

Chemical analytical work presented in this RIR has been performed in the following manner:

| Factor | Description |
|--------------------------------|---|
| Quality Assurance Officer | The chemical analytical quality assurance is directed by Stephen Malinowski |
| Chemical Analytical Laboratory | Chemical analytical laboratory used in the RI is NYS ELAP certified and was Accutest Laboratories of Dayton, NJ. |
| Chemical Analytical Methods | Soil analytical methods: <ul style="list-style-type: none"> • TAL Metals by EPA Method 6010C (rev. 2007); • VOCs by EPA Method 8260C (rev. 2006); • SVOCs by EPA Method 8270D (rev. 2007); • Pesticides by EPA Method 8081B (rev. 2000); • PCBs by EPA Method 8082A (rev. 2000); Groundwater analytical methods: <ul style="list-style-type: none"> • TAL Metals by EPA Method 6010C (rev. 2007); • VOCs by EPA Method 8260C (rev. 2006); • SVOCs by EPA Method 8270D (rev. 2007); • Pesticides by EPA Method 8081B (rev. 2000); • PCBs by EPA Method 8082A (rev. 2000); Soil vapor and ambient air analytical methods: <ul style="list-style-type: none"> • VOCs by TO-15 VOC parameters. |

4.3.5 Results of Chemical Analyses

Laboratory data for soil, groundwater, and soil vapor are summarized in Tables 4 through 12. A summary of the analytical methods utilized for each sample matrix during this investigation is provided in Table 13. Laboratory data deliverables for all samples evaluated in this RIR are provided in digital form in Appendix 8.

5.0 ENVIRONMENTAL EVALUATION

5.1 Geological and Hydrogeological Conditions

5.1.1 Topography

The topography of the area is generally level with a slight slope from east to west. The Site is approximately 50 feet above the Queens Borough Datum (an approximation of mean sea level) according to an elevation survey conducted by Langan Engineering on January 20, 2014. The ground surface is paved with asphalt, except for the concrete ramp on the southwest corner of the Site.

5.1.2 Stratigraphy

Stratigraphy at the Site consist of roughly three to seven feet of historic fill characterized by brown sand and with some silt and a trace of gravel. Below the historic fill is a brown sand containing some silt to the end of each boring. A compact layer of sand was encountered between 30 and 40 feet below grade.

5.1.3 Hydrogeology

The average depth to groundwater was 46.2 feet and the range in depth was 42.1 to 49.8 feet. According to the elevation survey performed by Langan Engineering and groundwater level measurements obtained by AKRF, groundwater flow at the Site is from generally from east to west. A map of groundwater level elevations with groundwater contours and inferred flow lines is provided as Figure 3. A table of water level data for all monitor wells is included in Table 3.

5.2 Soil Chemistry

Data collected during the RI is sufficient to delineate the vertical and horizontal distribution of contaminants in soil/fill at the Site. A total of twenty-one soil samples were collected for laboratory analysis from borings SB-1 through SB-10. A summary of the data for chemical analyses performed on soil samples is included in Tables 4 through 8. Exceedances of applicable standards are noted on the tables. Figure 5 shows the locations and posts the values for soil/fill that exceed the 6NYCRR Part 375-6.8 Track 1 (UUSCOs) and Track 2 (RRSCO).

Volatile Organic Compounds (VOCs)

No VOCs were detected in any of the soil samples above the UUSCOs. Soil analytical results for VOCs are presented in Table 4.

Semivolatile Organic Compounds (SVOCs)

No SVOCs were detected in any of the soil samples above the UUSCOs. Soil analytical results for SVOCs are presented in Table 5.

Metals

Nickel was detected in soil sample SB-10 collected from 28 to 30 feet below grade at 39.4 mg/Kg, above the UUSCO but below the RRSCO. Arsenic was also detected in the sample collected from soil boring SB-10 at 28 to 30 feet below grade at 29.1 mg/Kg, above both UUSCO and RRSCO. Based upon the lithology and depth, the presence of arsenic and nickel appear to be attributable to the natural soil conditions, and are not indicative of a spill or release. Soil analytical results for metals are presented in Table 6.

Chromium was detected in the shallow soil samples collected from borings SB-2 and SB-3 at 54.2 mg/Kg and 31 mg/Kg, above the UUSCO of 30 mg/Kg. The presence of chromium is most likely attributable to the presence of historic fill material in the upper two feet where the sample was collected and is not indicative of a spill or a release.

PCBs and Pesticides

No PCBs or pesticides were detected in any of the soil samples above the UUSCOs. Soil analytical results for PCBs and pesticides are presented in Table 7.

5.3 Groundwater Chemistry

Data collected during the RI is sufficient to delineate the distribution of contaminants in groundwater at the Site. A summary table of data for chemical analyses performed on groundwater samples is included in Tables 8 through 11. Figure 6 shows the location and posts the values for groundwater that exceed the New York State 6 NYCRR Part 703.5 Class GA groundwater standards.

Volatile Organic Compounds (VOCs)

PCE was detected in all four groundwater samples collected during this investigation at concentrations ranging from 5.2 µg/L to 40.8 µg/L; all samples exceeding the NYSDEC Class GA Ambient Water Quality Standard of 5 µg/L. Cis-1,2-dichloroethene was detected in the four groundwater samples at concentrations ranging reported between 3.0 µg/L and 10.2 µg/L; two samples exceeding the NYSDEC Class GA Ambient Water Quality Standard of 5 µg/L. Trichloroethene (TCE) was detected in the groundwater samples at concentrations between 0.9 µg/L and 9.7 µg/L; one sample exceeding the NYSDEC Class GA Ambient Water Quality Standard of 5 µg/L. Since there were no VOCs detected in any of the soil samples collected at the Site, and there is no known historical dry cleaning or industrial uses at the Site, the presence of PCE and its breakdown products cis-1,2-dichloroethene and TCE appear to be associated with a regional groundwater condition. PCE was historically detected at a concentration of 12 µg/L in off-site groundwater sample MW-4 during the 2006 Phase II investigation.

No other VOCs were detected in the groundwater samples above their respective Class GA standards. Groundwater analytical results for VOCs are presented in Table 8.

Semivolatile Organic Compounds (SVOCs)

No SVOCs were detected in the four groundwater samples above their respective Class GA standards. Groundwater analytical results for SVOCs are presented in Table 9.

Metals

Ten metals were detected in the unfiltered groundwater samples (total metals analysis) and nine metals were detected in the filtered samples (dissolved metals analysis). Four metals (iron, magnesium, manganese, and sodium) were detected above the Class GA standards within the same order of magnitude in one or more of both the total and dissolved groundwater samples, indicating that they are dissolved in the groundwater. The four metals detected above Class GA standards are typical of groundwater quality in Queens, and are not related to a spill or release. Groundwater analytical results for metals are presented in Table 10.

PCBs and Pesticides

No PCBs were detected in the groundwater samples. The pesticide dieldrin was detected below its Class GA standard in groundwater sample TW-2. No other pesticides were detected in the groundwater samples. Groundwater analytical results for PCBs and pesticides are presented in Table 11.

5.4 Soil Vapor Chemistry

Data collected during the RI is sufficient to delineate the distribution of contaminants in soil vapor at the Site. A summary table of data for chemical analyses performed on soil vapor samples is included in Table 12. Figure 7 shows the location and posts the values for soil vapor samples with detection above NYSDOH soil vapor intrusion air guidance values (AGVs). A complete copy of the laboratory report for the soil vapor samples is provided in Appendix 8.

Concentrations of VOCs detected in the soil gas samples were compared to the NYSDOH 2006 Guidance for Evaluating Soil Vapor Intrusion AGVs and matrices, and the September 2013 NYSDOH Fact Sheet update for PCE. These values provide a means of comparison; however, since the AGVs reflect indoor air conditions, the comparison assumes that any soil vapor detected would completely penetrate into the building, a condition that does not typically occur. In addition, AGVs have only been established for five VOCs [carbon tetrachloride, methylene chloride, 1,1,1-trichloroethane (1,1,1-TCA), TCE, and PCE] and matrices have only been established for carbon tetrachloride, PCE, 1,1,1-TCA, TCE, vinyl chloride, 1,1-dichloroethene, and cis-1,2-dichloroethene.

A review of the soil vapor sample analytical results identified 29 VOCs detected in the six samples. VOCs associated with petroleum [including benzene, toluene, ethylbenzene, xylenes (collectively referred to as BTEX), 1,2,4- and 1,3,5-trimethylbenzene, cyclohexane, heptane, hexane, methyl ethyl ketone (MEK), 4-ethyltoluene, and 2,2,4-trimethylpentane] were detected at concentrations up to 59.5 $\mu\text{g}/\text{m}^3$. Solvent-related VOCs [including acetone, chloroform, cis-1,2-dichloroethene, PCE, and TCE], were detected at concentrations up to 104 $\mu\text{g}/\text{m}^3$. PCE was detected in SV-4 and SV-5 at 104 $\mu\text{g}/\text{m}^3$ and 74.6 $\mu\text{g}/\text{m}^3$, respectively, above its AGV of 30 $\mu\text{g}/\text{m}^3$. Twenty of the VOCs detected in the soil vapor samples were also detected

in the ambient air sample at varying concentrations. The concentrations for twelve of the compounds are in the same order of magnitude as the soil vapor sample, indicating that they may be attributable to the outdoor air quality at the Site.

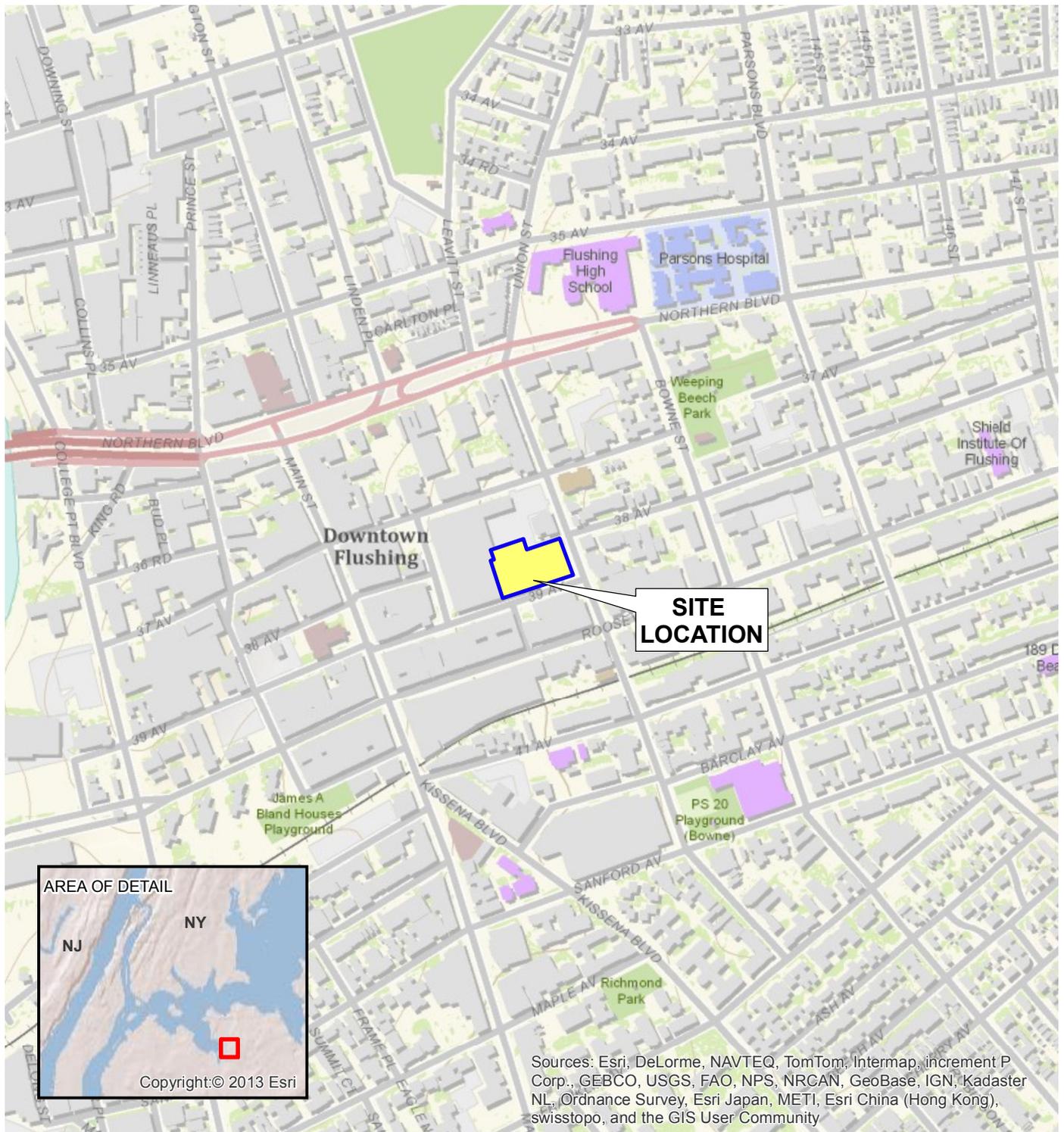
5.5 Prior Activity

Based on an evaluation of the data and information from the RIR, disposal of significant amounts of hazardous waste is not suspected at this site.

5.6 Impediments to Remedial Action

Based on an evaluation of the data and information from the investigation, the groundwater contains contaminants associated with a regional groundwater source. There does not appear to be any on-site source of contamination, but if dewatering becomes necessary to install the building foundation, additional testing of the groundwater and potential treatment may become necessary to discharge the effluent to the New York City sewer system. There are no other known impediments to remedial action at this property.

FIGURES



Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community



Legend

 Parcel 1 Site Boundary



Fushing Commons Phase 1
Queens, New York



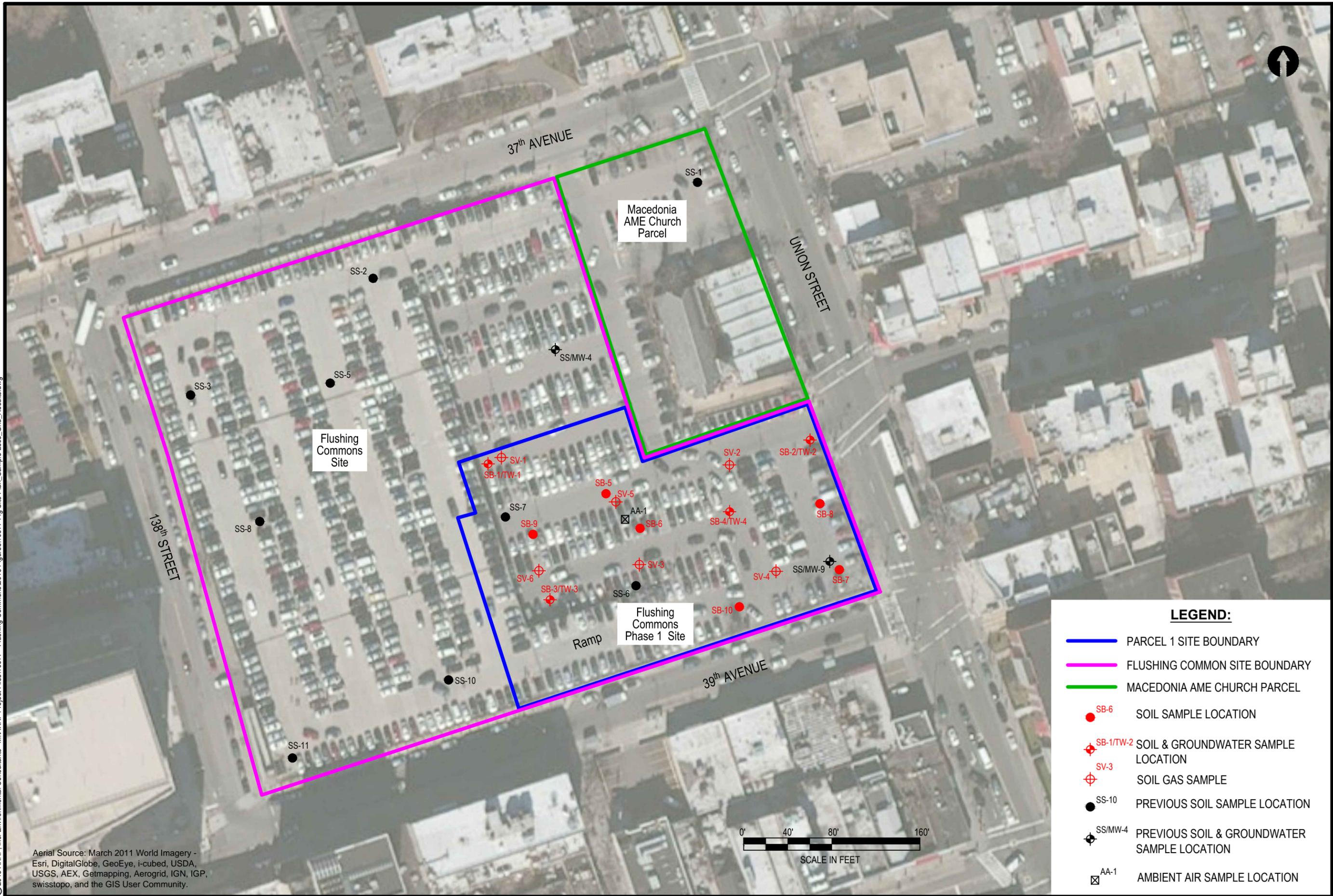
DATE
2/5/2014

PROJECT No.
10677

SITE LOCATION

Environmental Consultants
440 Park Avenue South, New York, N.Y. 10016

FIGURE
1



Aerial Source: March 2011 World Imagery - Esri, DigitalGlobe, GeoEye, i-cubed, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community.

LEGEND:

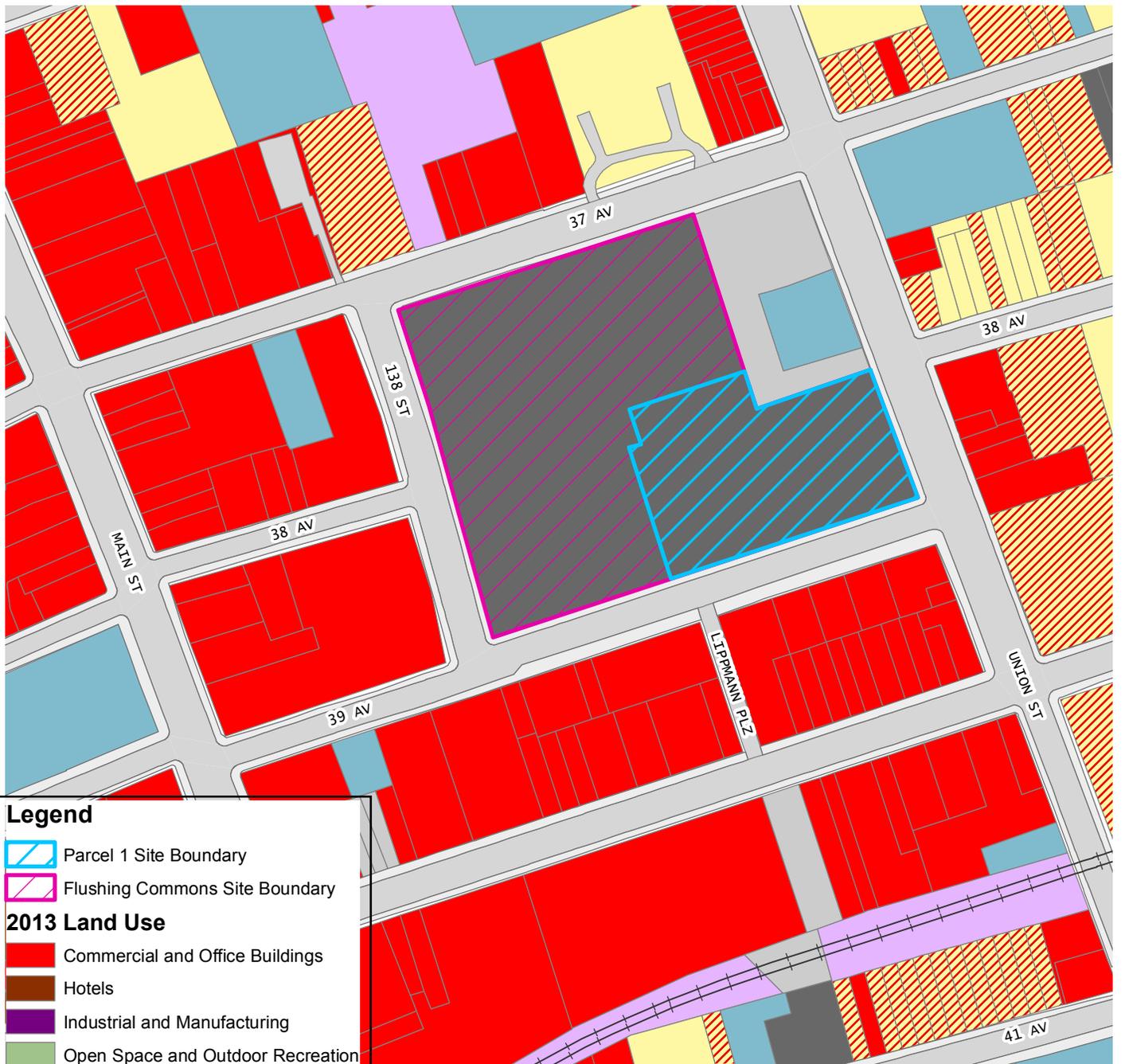
- ▬ PARCEL 1 SITE BOUNDARY
- ▬ FLUSHING COMMON SITE BOUNDARY
- ▬ MACEDONIA AME CHURCH PARCEL
- SB-6 SOIL SAMPLE LOCATION
- ⊕ SB-1/TW-2 SOIL & GROUNDWATER SAMPLE LOCATION
- ⊗ SV-3 SOIL GAS SAMPLE
- SS-10 PREVIOUS SOIL SAMPLE LOCATION
- ⊕ SS/MW-4 PREVIOUS SOIL & GROUNDWATER SAMPLE LOCATION
- X AA-1 AMBIENT AIR SAMPLE LOCATION

DATE
2.13.2014

PROJECT NO.
10677

SCALE
as shown

FIGURE
2



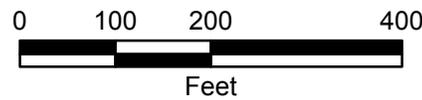
Legend

-  Parcel 1 Site Boundary
-  Flushing Commons Site Boundary

2013 Land Use

-  Commercial and Office Buildings
-  Hotels
-  Industrial and Manufacturing
-  Open Space and Outdoor Recreation
-  Parking Facilities
-  Public Facilities and Institutions
-  Residential
-  Residential with Commercial Below
-  Transportation and Utility
-  Vacant Land
-  Vacant Building
-  Under Construction

Source: NYCDP (NYC Dept. of City Planning) GIS database



Flushing Commons Parcel 1
Queens, New York



DATE
2/5/2014

**SITE PLAN AND
SURROUNDING LAND USE**

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PROJECT No.
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FIGURE
3

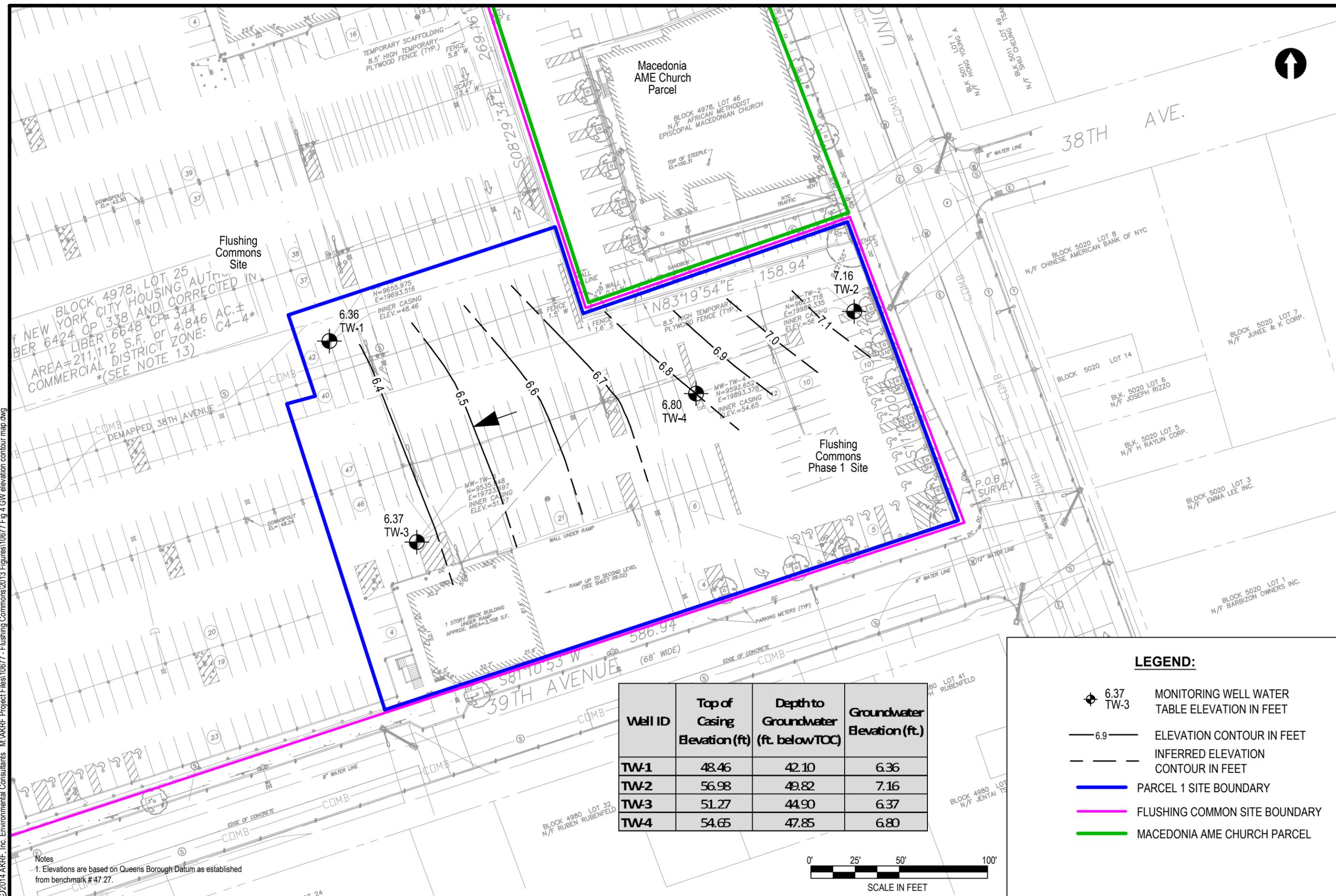
FLUSHING COMMONS PARCEL 1
Queens, New York
WATER TABLE ELEVATION CONTOURS 1/20/14

DATE
2.13.2014

PROJECT NO.
10677

SCALE
as shown

FIGURE
4



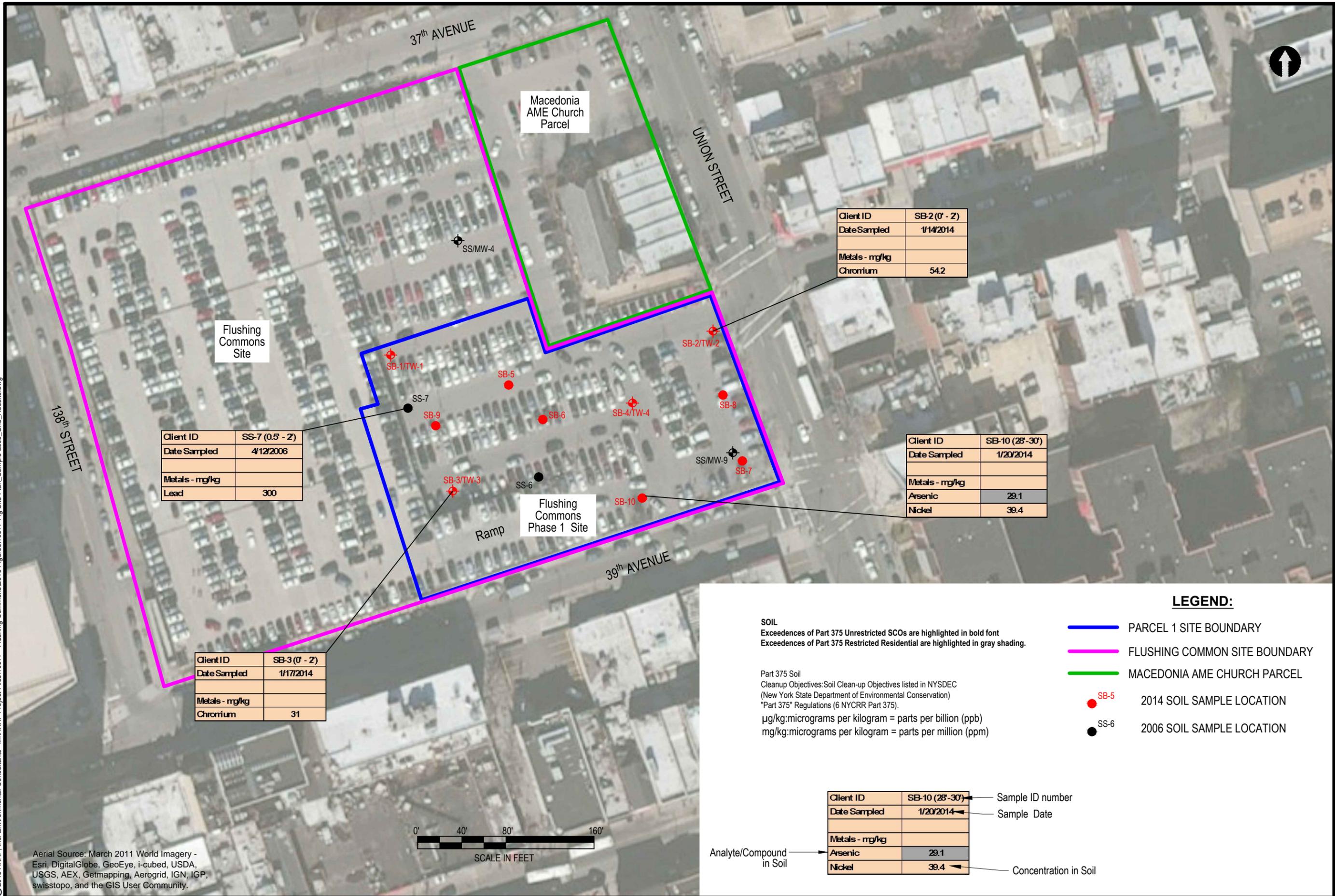
| Well ID | Top of Casing Elevation (ft) | Depth to Groundwater (ft. below TOC) | Groundwater Elevation (ft.) |
|---------|------------------------------|--------------------------------------|-----------------------------|
| TW-1 | 48.46 | 42.10 | 6.36 |
| TW-2 | 56.98 | 49.82 | 7.16 |
| TW-3 | 51.27 | 44.90 | 6.37 |
| TW-4 | 54.65 | 47.85 | 6.80 |

- LEGEND:**
- 6.37 TW-3 MONITORING WELL WATER TABLE ELEVATION IN FEET
 - 6.9 ELEVATION CONTOUR IN FEET
 - INFERRED ELEVATION CONTOUR IN FEET
 - PARCEL 1 SITE BOUNDARY
 - FLUSHING COMMONS SITE BOUNDARY
 - MACEDONIA AME CHURCH PARCEL



©2014 AKRF, Inc. Environmental Consultants M:\AKRF Project Files\10677 - Flushing Commons\2013 Figures\10677 Fig 4 GW elevation contour map.dwg

Notes
1. Elevations are based on Queens Borough Datum as established from benchmark # 47.27.



| | |
|----------------|------------------|
| Client ID | SS-7 (0.5' - 2') |
| Date Sampled | 4/12/2006 |
| Metals - mg/kg | |
| Lead | 300 |

| | |
|----------------|----------------|
| Client ID | SB-3 (0' - 2') |
| Date Sampled | 1/17/2014 |
| Metals - mg/kg | |
| Chromium | 31 |

| | |
|----------------|----------------|
| Client ID | SB-2 (0' - 2') |
| Date Sampled | 1/14/2014 |
| Metals - mg/kg | |
| Chromium | 54.2 |

| | |
|----------------|-------------------|
| Client ID | SB-10 (28' - 30') |
| Date Sampled | 1/20/2014 |
| Metals - mg/kg | |
| Arsenic | 29.1 |
| Nickel | 39.4 |

LEGEND:

- PARCEL 1 SITE BOUNDARY
- FLUSHING COMMON SITE BOUNDARY
- MACEDONIA AME CHURCH PARCEL
- SB-5 2014 SOIL SAMPLE LOCATION
- SS-6 2006 SOIL SAMPLE LOCATION

SOIL
 Exceedences of Part 375 Unrestricted SCOs are highlighted in bold font
 Exceedences of Part 375 Restricted Residential are highlighted in gray shading.

Part 375 Soil
 Cleanup Objectives: Soil Clean-up Objectives listed in NYSDEC
 (New York State Department of Environmental Conservation)
 Part 375 Regulations (6 NYCRR Part 375).
 µg/kg: micrograms per kilogram = parts per billion (ppb)
 mg/kg: micrograms per kilogram = parts per million (ppm)

| | | |
|----------------|-------------------|-----------------------|
| Client ID | SB-10 (28' - 30') | Sample ID number |
| Date Sampled | 1/20/2014 | Sample Date |
| Metals - mg/kg | | |
| Arsenic | 29.1 | |
| Nickel | 39.4 | Concentration in Soil |

Analyte/Compound in Soil

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FLUSHING COMMONS PARCEL 1
 Queens, New York

Soil Sample Concentrations Above Unrestricted Use and Restricted Residential Use Soil Cleanup Objectives

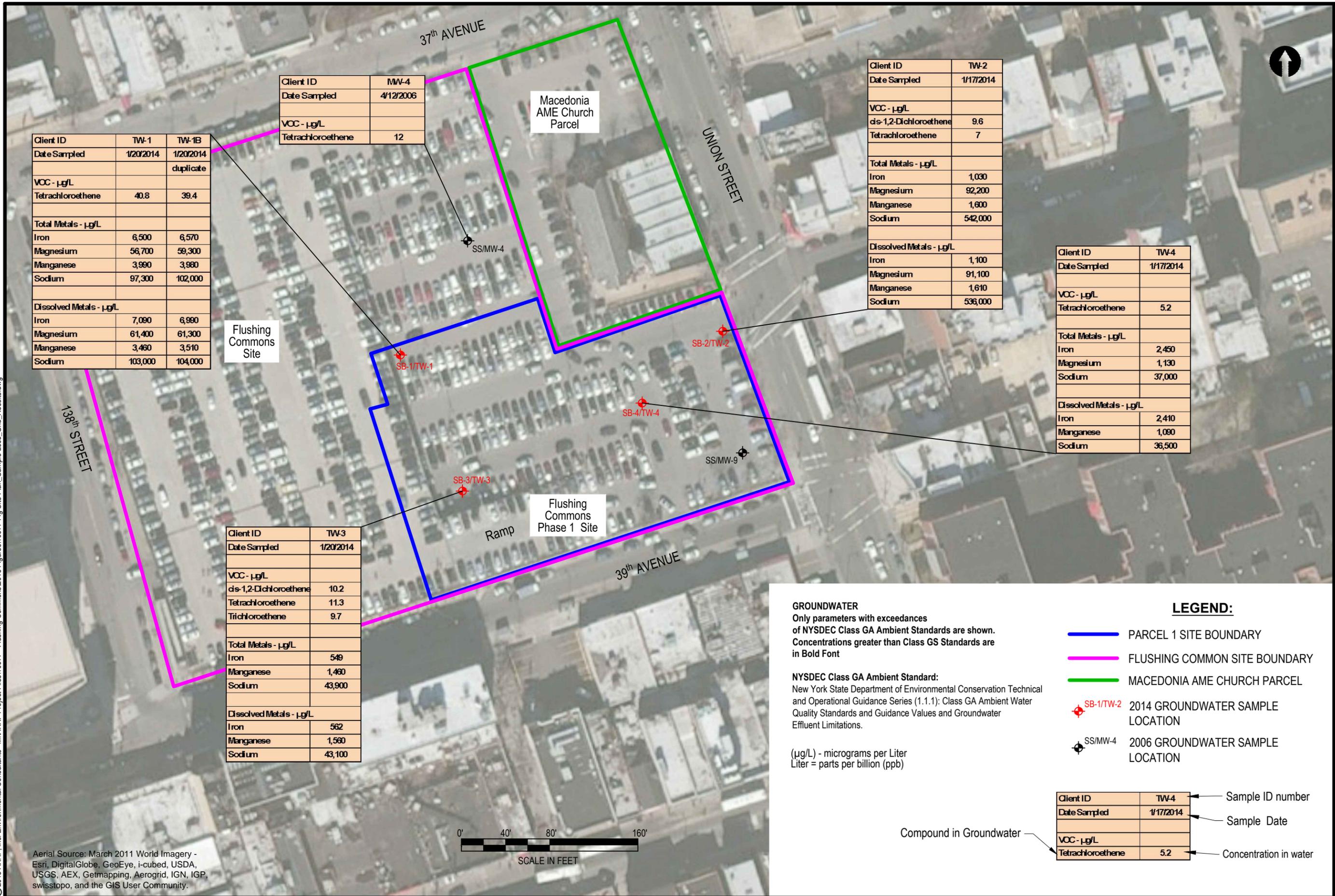
DATE
2.13.2014

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10677

SCALE
as shown

FIGURE
5

Aerial Source: March 2011 World Imagery - Esri, DigitalGlobe, GeoEye, i-cubed, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community.



| | | |
|-------------------------|-----------|-----------|
| Client ID | TW-1 | TW-1B |
| Date Sampled | 1/20/2014 | 1/20/2014 |
| | | duplicate |
| VOC - µg/L | | |
| Tetrachloroethene | 40.8 | 39.4 |
| Total Metals - µg/L | | |
| Iron | 6,500 | 6,570 |
| Magnesium | 56,700 | 59,300 |
| Manganese | 3,990 | 3,960 |
| Sodium | 97,300 | 102,000 |
| Dissolved Metals - µg/L | | |
| Iron | 7,090 | 6,990 |
| Magnesium | 61,400 | 61,300 |
| Manganese | 3,460 | 3,510 |
| Sodium | 103,000 | 104,000 |

| | |
|-------------------|-----------|
| Client ID | MW-4 |
| Date Sampled | 4/12/2006 |
| VOC - µg/L | |
| Tetrachloroethene | 12 |

| | |
|-------------------------|-----------|
| Client ID | TW-2 |
| Date Sampled | 1/17/2014 |
| VOC - µg/L | |
| dis-1,2-Dichloroethene | 9.6 |
| Tetrachloroethene | 7 |
| Total Metals - µg/L | |
| Iron | 1,030 |
| Magnesium | 92,200 |
| Manganese | 1,600 |
| Sodium | 542,000 |
| Dissolved Metals - µg/L | |
| Iron | 1,100 |
| Magnesium | 91,100 |
| Manganese | 1,610 |
| Sodium | 536,000 |

| | |
|-------------------------|-----------|
| Client ID | TW-4 |
| Date Sampled | 1/17/2014 |
| VOC - µg/L | |
| Tetrachloroethene | 5.2 |
| Total Metals - µg/L | |
| Iron | 2,450 |
| Magnesium | 1,130 |
| Sodium | 37,000 |
| Dissolved Metals - µg/L | |
| Iron | 2,410 |
| Manganese | 1,090 |
| Sodium | 36,500 |

| | |
|-------------------------|-----------|
| Client ID | TW-3 |
| Date Sampled | 1/20/2014 |
| VOC - µg/L | |
| dis-1,2-Dichloroethene | 10.2 |
| Tetrachloroethene | 11.3 |
| Trichloroethene | 9.7 |
| Total Metals - µg/L | |
| Iron | 549 |
| Manganese | 1,460 |
| Sodium | 43,900 |
| Dissolved Metals - µg/L | |
| Iron | 562 |
| Manganese | 1,560 |
| Sodium | 43,100 |

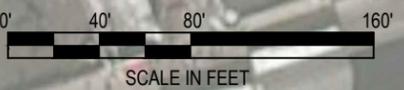
GROUNDWATER
 Only parameters with exceedances of NYSDEC Class GA Ambient Standards are shown. Concentrations greater than Class GS Standards are in Bold Font

NYSDEC Class GA Ambient Standard:
 New York State Department of Environmental Conservation Technical and Operational Guidance Series (1.1.1): Class GA Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations.

(µg/L) - micrograms per Liter
 Liter = parts per billion (ppb)

- LEGEND:**
- PARCEL 1 SITE BOUNDARY
 - FLUSHING COMMON SITE BOUNDARY
 - MACEDONIA AME CHURCH PARCEL
 - ◆ SB-1/TW-2 2014 GROUNDWATER SAMPLE LOCATION
 - ◆ SS/MW-4 2006 GROUNDWATER SAMPLE LOCATION

| | | |
|-------------------|-----------|--------------------------|
| Client ID | TW-4 | ← Sample ID number |
| Date Sampled | 1/17/2014 | ← Sample Date |
| VOC - µg/L | | |
| Tetrachloroethene | 5.2 | ← Concentration in water |



Aerial Source: March 2011 World Imagery - Esri, DigitalGlobe, GeoEye, i-cubed, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community.

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FLUSHING COMMONS PARCEL 1
 Queens, New York

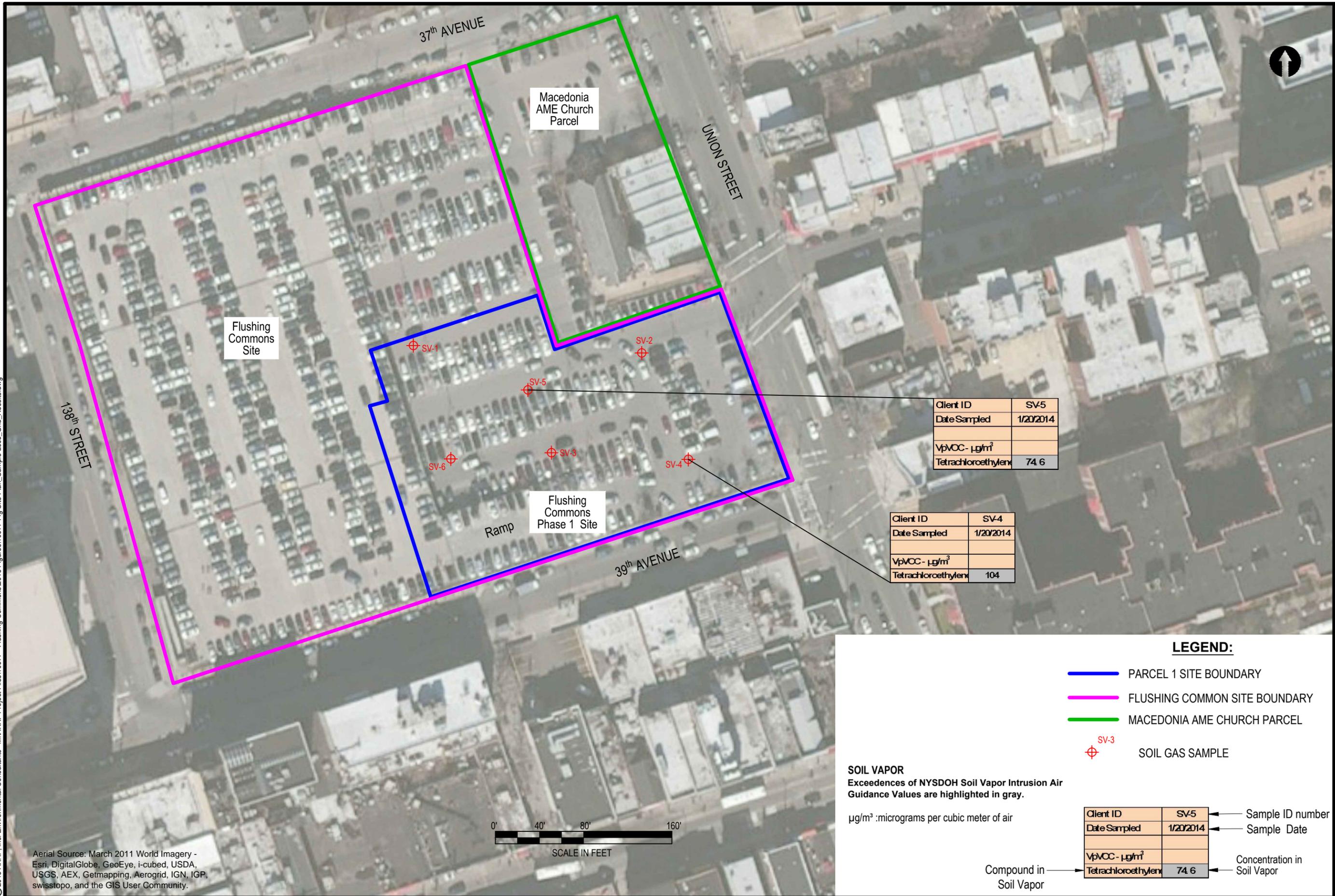
**Groundwater Sample Concentrations Above
 NYSDEC TOGS Class GA Standards**

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2.13.2014

PROJECT NO.
10677

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as shown

FIGURE
6



Aerial Source: March 2011 World Imagery - Esri, DigitalGlobe, GeoEye, i-cubed, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community.

| | |
|----------------------------------|-----------|
| Client ID | SV-5 |
| Date Sampled | 1/20/2014 |
| VpVOC - $\mu\text{g}/\text{m}^3$ | |
| Tetrachloroethylene | 74.6 |

| | |
|----------------------------------|-----------|
| Client ID | SV-4 |
| Date Sampled | 1/20/2014 |
| VpVOC - $\mu\text{g}/\text{m}^3$ | |
| Tetrachloroethylene | 104 |

LEGEND:

- PARCEL 1 SITE BOUNDARY
- FLUSHING COMMON SITE BOUNDARY
- MACEDONIA AME CHURCH PARCEL
- ⊕ SOIL GAS SAMPLE

SOIL VAPOR
Exceedences of NYSDOH Soil Vapor Intrusion Air Guidance Values are highlighted in gray.

$\mu\text{g}/\text{m}^3$:micrograms per cubic meter of air

| | | |
|----------------------------------|-----------|-------------------------------|
| Client ID | SV-5 | ← Sample ID number |
| Date Sampled | 1/20/2014 | ← Sample Date |
| VpVOC - $\mu\text{g}/\text{m}^3$ | | |
| Tetrachloroethylene | 74.6 | ← Concentration in Soil Vapor |

Compound in Soil Vapor

FLUSHING COMMONS PARCEL 1

Queens, New York

Volatile Organic Compounds Detected in Soil Vapor Samples Above NYSDOH AGVs

DATE
2.13.2014

PROJECT NO.
10677

SCALE
as shown

FIGURE
7



Environmental Consultants
440 Park Avenue South, New York, NY 10016

TABLES

Table 1
Flushing Commons Phase 1
38-18 Union Street
Flushing, NY
Groundwater Well Construction and Development Details

| Well ID/ Sample ID | Date Installed | Well Diameter | Screened Interval (feet b.g.s.) | Date Developed | Purge Method | Sample Collection Date |
|-------------------------------|-----------------------|----------------------|--|-----------------------|---------------------|-----------------------------------|
| TW-1 | 1/15/2014 | 3/4-inch | 40 to 50 feet | 1/16/2014 | micro bladder pump | 1/20/2014 |
| TW-2 | 1/14/2014 | 3/4-inch | 47 to 57 feet | 1/16/2014 | micro bladder pump | 1/20/2014 |
| TW-3 | 1/17/2014 | 3/4-inch | 41 to 51 feet | 1/17/2014 | micro bladder pump | 1/20/2014 |
| TW-4 | 1/16/2014 | 3/4-inch | 45 to 55 feet | 1/16/2014 | micro bladder pump | 1/20/2014 |

Table 2
Flushing Commons Phase 1
38-18 Union Street
Flushing, NY
Soil Vapor Point Construction Details

| Vapor Point ID | Date Installed | Screened Interval (feet b.g.s.) | Location | Sample Collection Date | Chemical Parameters |
|-----------------------|-----------------------|--|--------------------------------------|-------------------------------|----------------------------|
| SV-1 | 1/15/2014 | 1.5 to 2 feet | NW corner of the site | 1/20/2014 | VOCs (TO-15) |
| SV-2 | 1/15/2014 | 1.5 to 2 feet | NE portion of the site | 1/20/2014 | VOCs (TO-15) |
| SV-3 | 1/13/2014 | 1.5 to 2 feet | Southern portion of the site | 1/20/2014 | VOCs (TO-15) |
| SV-4 | 1/15/2014 | 1.5 to 2 feet | Southeast portion of the site | 1/20/2014 | VOCs (TO-15) |
| SV-5 | 1/13/2014 | 1.5 to 2 feet | Northern-central portion of the site | 1/20/2014 | VOCs (TO-15) |
| SV-6 | 1/13/2014 | 1.5 to 2 feet | Western portion of the site | 1/20/2014 | VOCs (TO-15) |

Table 3
Flushing Commons Phase 1
381-8 Union Street
Flushing , NY
 Summary of Water Level Measurements

| Date | Monitoring Well ID No. | Well Diameter | Depth of Well from Sidewalk Grade | Elevation of Top of Well Casing | Depth to Water | Groundwater Elevation |
|-------------|-------------------------------|----------------------|--|--|-----------------------|------------------------------|
| 1/20/2014 | TW-1 | 3/4-inch | 50.81 | 48.46 | 42.10 | 6.36 |
| 1/20/2014 | TW-2 | 3/4-inch | 57.34 | 56.98 | 49.82 | 7.16 |
| 1/20/2014 | TW-3 | 3/4-inch | 51.62 | 51.27 | 44.90 | 6.37 |
| 1/20/2014 | TW-4 | 3/4-inch | 55.43 | 54.65 | 47.85 | 6.80 |

The monitoring well elevations were obtained by Langan Engineering on January 17, 2014.

Elevations shown are refernced to Queens Borough datum as established from benchmark #47.27.

Table 4
Flushing Commons Phase 1
38-18 Union Street
Flushing, NY
Remedial Investigation Soil Analytical Results
Volatile Organic Compounds

| Client ID Lab Sample ID Date Sampled | NYSDEC Part 375 Unrestricted SCO µg/Kg | NYSDEC Part 375 Restricted Residential SCO µg/Kg | SB-1 (0-2) JB58123-5 1/17/2014 | SB-1 (40-42) JB58123-6 1/17/2014 | SB-2 (0-2) JB57666-1 1/14/2014 | SB-2 (48-50) JB57666-2 1/14/2014 | SB-3 (0-2) JB58123-3 1/17/2014 | SB-3 (43-45) JB58123-4 1/17/2014 |
|--|--|---|--------------------------------------|--|--------------------------------------|--|--------------------------------------|--|
| 1,1,1-Trichloroethane | 680 | 100,000 | 4.9 U | 5.9 U | 4.9 U | 4.9 U | 4.6 U | 5.7 U |
| 1,1,1,2-Tetrachloroethane | NS | NS | 4.9 U | 5.9 U | 4.9 U | 4.9 U | 4.6 U | 5.7 U |
| 1,1,2-Trichloroethane | NS | NS | 4.9 U | 5.9 U | 4.9 U | 4.9 U | 4.6 U | 5.7 U |
| 1,1-Dichloroethane | 270 | 26,000 | 4.9 U | 5.9 U | 4.9 U | 4.9 U | 4.6 U | 5.7 U |
| 1,1-Dichloroethene | 330 | 100,000 | 4.9 U | 5.9 U | 4.9 U | 4.9 U | 4.6 U | 5.7 U |
| 1,2,3-Trichlorobenzene | NS | NS | 4.9 U | 5.9 U | 4.9 U | 4.9 U | 4.6 U | 5.7 U |
| 1,2,4-Trichlorobenzene | NS | NS | 4.9 U | 5.9 U | 4.9 U | 4.9 U | 4.6 U | 5.7 U |
| 1,2-Dibromo-3-chloropropane | NS | NS | 9.9 U | 12 U | 9.8 U | 9.8 U | 9.2 U | 11 U |
| 1,2-Dibromoethane | NS | NS | 0.99 U | 1.2 U | 0.98 U | 0.98 U | 0.92 U | 1.1 U |
| 1,2-Dichlorobenzene | 1,100 | 100,000 | 4.9 U | 5.9 U | 4.9 U | 4.9 U | 4.6 U | 5.7 U |
| 1,2-Dichloroethane | 20 | 3,100 | 0.99 U | 1.2 U | 0.98 U | 0.98 U | 0.92 U | 1.1 U |
| 1,2-Dichloropropane | NS | NS | 4.9 U | 5.9 U | 4.9 U | 4.9 U | 4.6 U | 5.7 U |
| 1,3-Dichlorobenzene | 2,400 | 49,000 | 4.9 U | 5.9 U | 4.9 U | 4.9 U | 4.6 U | 5.7 U |
| 1,4-Dichlorobenzene | 1,800 | 13,000 | 4.9 U | 5.9 U | 4.9 U | 4.9 U | 4.6 U | 5.7 U |
| 2-Butanone (MEK) | 120 | 100,000 | 9.9 U | 12 U | 9.8 U | 9.8 U | 9.2 U | 11 U |
| 2-Hexanone | NS | NS | 4.9 U | 5.9 U | 4.9 U | 4.9 U | 4.6 U | 5.7 U |
| 4-Methyl-2-pentanone(MIBK) | NS | NS | 4.9 U | 5.9 U | 4.9 U | 4.9 U | 4.6 U | 5.7 U |
| Acetone | 50 | 100,000 | 9.9 U | 12 U | 9.8 U | 9.8 U | 9.2 U | 11 U |
| Benzene | 60 | 4,800 | 0.99 U | 1.2 U | 0.98 U | 0.98 U | 0.92 U | 1.1 U |
| Bromochloromethane | NS | NS | 4.9 U | 5.9 U | 4.9 U | 4.9 U | 4.6 U | 5.7 U |
| Bromodichloromethane | NS | NS | 4.9 U | 5.9 U | 4.9 U | 4.9 U | 4.6 U | 5.7 U |
| Bromoform | NS | NS | 4.9 U | 5.9 U | 4.9 U | 4.9 U | 4.6 U | 5.7 U |
| Bromomethane | NS | NS | 4.9 U | 5.9 U | 4.9 U | 4.9 U | 4.6 U | 5.7 U |
| Carbon disulfide | NS | NS | 4.9 U | 5.9 U | 4.9 U | 4.9 U | 4.6 U | 5.7 U |
| Carbon tetrachloride | 760 | 2,400 | 4.9 U | 5.9 U | 4.9 U | 4.9 U | 4.6 U | 5.7 U |
| Chlorobenzene | 1,100 | 100,000 | 4.9 U | 5.9 U | 4.9 U | 4.9 U | 4.6 U | 5.7 U |
| Chloroethane | NS | NS | 4.9 U | 5.9 U | 4.9 U | 4.9 U | 4.6 U | 5.7 U |
| Chloroform | 370 | 49,000 | 4.9 U | 5.9 U | 4.9 U | 4.9 U | 4.6 U | 5.7 U |
| Chloromethane | NS | NS | 4.9 U | 5.9 U | 4.9 U | 4.9 U | 4.6 U | 5.7 U |
| cis-1,2-Dichloroethene | 250 | 100,000 | 4.9 U | 5.9 U | 4.9 U | 4.9 U | 4.6 U | 5.7 U |
| cis-1,3-Dichloropropene | NS | NS | 4.9 U | 5.9 U | 4.9 U | 4.9 U | 4.6 U | 5.7 U |
| Cyclohexane | NS | NS | 4.9 U | 5.9 U | 4.9 U | 4.9 U | 4.6 U | 5.7 U |
| Dibromochloromethane | NS | NS | 4.9 U | 5.9 U | 4.9 U | 4.9 U | 4.6 U | 5.7 U |
| Dichlorodifluoromethane | NS | NS | 4.9 U | 5.9 U | 4.9 U | 4.9 U | 4.6 U | 5.7 U |
| Ethylbenzene | 1,000 | 41,000 | 0.99 U | 1.2 U | 0.98 U | 0.98 U | 0.92 U | 1.1 U |
| Freon 113 | NS | NS | 4.9 U | 5.9 U | 4.9 U | 4.9 U | 4.6 U | 5.7 U |
| Isopropylbenzene | NS | NS | 4.9 U | 5.9 U | 4.9 U | 4.9 U | 4.6 U | 5.7 U |
| m,p-Xylene | 260 | 100,000 | 0.99 U | 1.2 U | 0.98 U | 0.98 U | 0.92 U | 1.1 U |
| Methyl Acetate | NS | NS | 4.9 U | 5.9 U | 4.9 U | 4.9 U | 4.6 U | 5.7 U |
| Methyl Tert Butyl Ether | 930 | 100,000 | 0.99 U | 1.2 U | 0.98 U | 0.98 U | 0.92 U | 1.1 U |
| Methylcyclohexane | NS | NS | 4.9 U | 5.9 U | 4.9 U | 4.9 U | 4.6 U | 5.7 U |
| Methylene chloride | 50 | 100,000 | 4.9 U | 5.9 U | 4.9 U | 4.9 U | 4.6 U | 5.7 U |
| o-Xylene | 260 | 100,000 | 0.99 U | 1.2 U | 0.98 U | 0.98 U | 0.92 U | 1.1 U |
| Styrene | NS | NS | 4.9 U | 5.9 U | 4.9 U | 0.71 J | 4.6 U | 5.7 U |
| Tetrachloroethene | 1300 | 19,000 | 4.9 U | 5.9 U | 4.9 U | 4.9 U | 4.6 U | 5.7 U |
| Toluene | 700 | 100,000 | 0.99 U | 1.2 U | 0.98 U | 0.98 U | 0.92 U | 1.1 U |
| trans-1,2-Dichloroethene | 190 | 100,000 | 4.9 U | 5.9 U | 4.9 U | 4.9 U | 4.6 U | 5.7 U |
| trans-1,3-Dichloropropene | NS | NS | 4.9 U | 5.9 U | 4.9 U | 4.9 U | 4.6 U | 5.7 U |
| Trichloroethene | 470 | 21,000 | 4.9 U | 5.9 U | 4.9 U | 4.9 U | 4.6 U | 5.7 U |
| Trichlorofluoromethane | NS | NS | 4.9 U | 5.9 U | 4.9 U | 4.9 U | 4.6 U | 5.7 U |
| Vinyl chloride | 20 | 900 | 4.9 U | 5.9 U | 4.9 U | 4.9 U | 4.6 U | 5.7 U |
| Xylene (total) | NS | NS | 0.99 U | 1.2 U | 0.98 U | 0.98 U | 0.92 U | 1.1 U |

Table 4
Flushing Commons Phase 1
38-18 Union Street
Flushing, NY
Remedial Investigation Soil Analytical Results
Volatile Organic Compounds

| Client ID Lab Sample ID Date Sampled µg/Kg | NYSDEC Part 375 Unrestricted SCO µg/Kg | NYSDEC Part 375 Restricted Residential SCO µg/Kg | SB-4 (0-2) JB58123-7 1/16/2014 | SB-4 (28-30) JB58123-8 1/16/2014 | SB-5 (0-2) JB57522-3 1/13/2014 | SB-5 (36-38) JB57522-4 1/13/2014 | SB-6 (0-2) JB58216-3 1/20/2014 | SB-6 (49-51) JB58216-4 1/20/2014 |
|---|--|---|--------------------------------------|--|--------------------------------------|--|--------------------------------------|--|
| 1,1,1-Trichloroethane | 680 | 100,000 | 4.4 U | 4.8 U | 4.3 U | 5.6 U | 5.3 U | 5.4 U |
| 1,1,1,2-Tetrachloroethane | NS | NS | 4.4 U | 4.8 U | 4.3 U | 5.6 U | 5.3 U | 5.4 U |
| 1,1,2-Trichloroethane | NS | NS | 4.4 U | 4.8 U | 4.3 U | 5.6 U | 5.3 U | 5.4 U |
| 1,1-Dichloroethane | 270 | 26,000 | 4.4 U | 4.8 U | 4.3 U | 5.6 U | 5.3 U | 5.4 U |
| 1,1-Dichloroethene | 330 | 100,000 | 4.4 U | 4.8 U | 4.3 U | 5.6 U | 5.3 U | 5.4 U |
| 1,2,3-Trichlorobenzene | NS | NS | 4.4 U | 4.8 U | 4.3 U | 5.6 U | 5.3 U | 5.4 U |
| 1,2,4-Trichlorobenzene | NS | NS | 4.4 U | 4.8 U | 4.3 U | 5.6 U | 5.3 U | 5.4 U |
| 1,2-Dibromo-3-chloropropane | NS | NS | 8.8 U | 9.5 U | 8.6 U | 11 U | 11 U | 11 U |
| 1,2-Dibromoethane | NS | NS | 0.88 U | 0.95 U | 0.86 U | 1.1 U | 1.1 U | 1.1 U |
| 1,2-Dichlorobenzene | 1,100 | 100,000 | 4.4 U | 4.8 U | 4.3 U | 5.6 U | 5.3 U | 5.4 U |
| 1,2-Dichloroethane | 20 | 3,100 | 0.88 U | 0.95 U | 0.86 U | 1.1 U | 1.1 U | 1.1 U |
| 1,2-Dichloropropane | NS | NS | 4.4 U | 4.8 U | 4.3 U | 5.6 U | 5.3 U | 5.4 U |
| 1,3-Dichlorobenzene | 2,400 | 49,000 | 4.4 U | 4.8 U | 4.3 U | 5.6 U | 5.3 U | 5.4 U |
| 1,4-Dichlorobenzene | 1,800 | 13,000 | 4.4 U | 4.8 U | 4.3 U | 5.6 U | 5.3 U | 5.4 U |
| 2-Butanone (MEK) | 120 | 100,000 | 8.8 U | 9.5 U | 8.6 U | 11 U | 11 U | 11 U |
| 2-Hexanone | NS | NS | 4.4 U | 4.8 U | 4.3 U | 5.6 U | 5.3 U | 5.4 U |
| 4-Methyl-2-pentanone(MIBK) | NS | NS | 4.4 U | 4.8 U | 4.3 U | 5.6 U | 5.3 U | 5.4 U |
| Acetone | 50 | 100,000 | 8.8 U | 9.5 U | 8.6 U | 11 U | 11 U | 11 U |
| Benzene | 60 | 4,800 | 0.88 U | 0.95 U | 0.86 U | 1.1 U | 1.1 U | 1.1 U |
| Bromochloromethane | NS | NS | 4.4 U | 4.8 U | 4.3 U | 5.6 U | 5.3 U | 5.4 U |
| Bromodichloromethane | NS | NS | 4.4 U | 4.8 U | 4.3 U | 5.6 U | 5.3 U | 5.4 U |
| Bromoform | NS | NS | 4.4 U | 4.8 U | 4.3 U | 5.6 U | 5.3 U | 5.4 U |
| Bromomethane | NS | NS | 4.4 U | 4.8 U | 4.3 U | 5.6 U | 5.3 U | 5.4 U |
| Carbon disulfide | NS | NS | 4.4 U | 4.8 U | 4.3 U | 5.6 U | 5.3 U | 5.4 U |
| Carbon tetrachloride | 760 | 2,400 | 4.4 U | 4.8 U | 4.3 U | 5.6 U | 5.3 U | 5.4 U |
| Chlorobenzene | 1,100 | 100,000 | 4.4 U | 4.8 U | 4.3 U | 5.6 U | 5.3 U | 5.4 U |
| Chloroethane | NS | NS | 4.4 U | 4.8 U | 4.3 U | 5.6 U | 5.3 U | 5.4 U |
| Chloroform | 370 | 49,000 | 4.4 U | 4.8 U | 4.3 U | 5.6 U | 5.3 U | 5.4 U |
| Chloromethane | NS | NS | 4.4 U | 4.8 U | 4.3 U | 5.6 U | 5.3 U | 5.4 U |
| cis-1,2-Dichloroethene | 250 | 100,000 | 4.4 U | 4.8 U | 4.3 U | 5.6 U | 5.3 U | 5.4 U |
| cis-1,3-Dichloropropene | NS | NS | 4.4 U | 4.8 U | 4.3 U | 5.6 U | 5.3 U | 5.4 U |
| Cyclohexane | NS | NS | 4.4 U | 4.8 U | 4.3 U | 5.6 U | 5.3 U | 5.4 U |
| Dibromochloromethane | NS | NS | 4.4 U | 4.8 U | 4.3 U | 5.6 U | 5.3 U | 5.4 U |
| Dichlorodifluoromethane | NS | NS | 4.4 U | 4.8 U | 4.3 U | 5.6 U | 5.3 U | 5.4 U |
| Ethylbenzene | 1,000 | 41,000 | 0.88 U | 0.95 U | 0.86 U | 1.1 U | 1.1 U | 1.1 U |
| Freon 113 | NS | NS | 4.4 U | 4.8 U | 4.3 U | 5.6 U | 5.3 U | 5.4 U |
| Isopropylbenzene | NS | NS | 4.4 U | 4.8 U | 4.3 U | 5.6 U | 5.3 U | 5.4 U |
| m,p-Xylene | 260 | 100,000 | 0.88 U | 0.95 U | 0.86 U | 1.1 U | 1.1 U | 1.1 U |
| Methyl Acetate | NS | NS | 4.4 U | 4.8 U | 4.3 U | 5.6 U | 5.3 U | 5.4 U |
| Methyl Tert Butyl Ether | 930 | 100,000 | 0.88 U | 0.95 U | 0.86 U | 1.1 U | 1.1 U | 1.1 U |
| Methylcyclohexane | NS | NS | 4.4 U | 4.8 U | 4.3 U | 5.6 U | 5.3 U | 5.4 U |
| Methylene chloride | 50 | 100,000 | 4.4 U | 4.8 U | 4.3 U | 5.6 U | 5.3 U | 5.4 U |
| o-Xylene | 260 | 100,000 | 0.88 U | 0.95 U | 0.86 U | 1.1 U | 1.1 U | 1.1 U |
| Styrene | NS | NS | 4.4 U | 4.8 U | 4.3 U | 5.6 U | 5.3 U | 5.4 U |
| Tetrachloroethene | 1300 | 19,000 | 4.4 U | 4.8 U | 4.3 U | 5.6 U | 5.3 U | 5.4 U |
| Toluene | 700 | 100,000 | 0.88 U | 0.95 U | 0.86 U | 1.1 U | 1.1 U | 1.1 U |
| trans-1,2-Dichloroethene | 190 | 100,000 | 4.4 U | 4.8 U | 4.3 U | 5.6 U | 5.3 U | 5.4 U |
| trans-1,3-Dichloropropene | NS | NS | 4.4 U | 4.8 U | 4.3 U | 5.6 U | 5.3 U | 5.4 U |
| Trichloroethene | 470 | 21,000 | 4.4 U | 4.8 U | 4.3 U | 5.6 U | 5.3 U | 5.4 U |
| Trichlorofluoromethane | NS | NS | 4.4 U | 4.8 U | 4.3 U | 5.6 U | 5.3 U | 5.4 U |
| Vinyl chloride | 20 | 900 | 4.4 U | 4.8 U | 4.3 U | 5.6 U | 5.3 U | 5.4 U |
| Xylene (total) | NS | NS | 0.88 U | 0.95 U | 0.86 U | 1.1 U | 1.1 U | 1.1 U |

Table 4
Flushing Commons Phase 1
38-18 Union Street
Flushing, NY
Remedial Investigation Soil Analytical Results
Volatile Organic Compounds

| Client ID Lab Sample ID Date Sampled | NYSDEC Part 375 Unrestricted SCO | NYSDEC Part 375 Restricted Residential SCO | SB-7 (0-2) JB57834-3 1/15/2014 | SB-7 (49-51) JB57834-4 1/15/2014 | SB-7B (49-51) JB57834-5 1/15/2014 | SB-8 (0-2) JB57834-1 1/15/2014 | SB-8 (49-51) JB57834-2 1/15/2014 | SB-9 (0-2) JB57522-1 1/13/2014 |
|--|---|--|--------------------------------------|--|---|--------------------------------------|--|--------------------------------------|
| µg/Kg | µg/Kg | µg/Kg | | | | | | |
| 1,1,1-Trichloroethane | 680 | 100,000 | 5 U | 5.8 U | 5.6 U | 4.9 U | 5.4 U | 4.5 U |
| 1,1,2,2-Tetrachloroethane | NS | NS | 5 U | 5.8 U | 5.6 U | 4.9 U | 5.4 U | 4.5 U |
| 1,1,2-Trichloroethane | NS | NS | 5 U | 5.8 U | 5.6 U | 4.9 U | 5.4 U | 4.5 U |
| 1,1-Dichloroethane | 270 | 26,000 | 5 U | 5.8 U | 5.6 U | 4.9 U | 5.4 U | 4.5 U |
| 1,1-Dichloroethene | 330 | 100,000 | 5 U | 5.8 U | 5.6 U | 4.9 U | 5.4 U | 4.5 U |
| 1,2,3-Trichlorobenzene | NS | NS | 5 U | 5.8 U | 5.6 U | 4.9 U | 5.4 U | 4.5 U |
| 1,2,4-Trichlorobenzene | NS | NS | 5 U | 5.8 U | 5.6 U | 4.9 U | 5.4 U | 4.5 U |
| 1,2-Dibromo-3-chloropropane | NS | NS | 10 U | 12 U | 11 U | 9.7 U | 11 U | 8.9 U |
| 1,2-Dibromoethane | NS | NS | 1 U | 1.2 U | 1.1 U | 0.97 U | 1.1 U | 0.89 U |
| 1,2-Dichlorobenzene | 1,100 | 100,000 | 5 U | 5.8 U | 5.6 U | 4.9 U | 5.4 U | 4.5 U |
| 1,2-Dichloroethane | 20 | 3,100 | 1 U | 1.2 U | 1.1 U | 0.97 U | 1.1 U | 0.89 U |
| 1,2-Dichloropropane | NS | NS | 5 U | 5.8 U | 5.6 U | 4.9 U | 5.4 U | 4.5 U |
| 1,3-Dichlorobenzene | 2,400 | 49,000 | 5 U | 5.8 U | 5.6 U | 4.9 U | 5.4 U | 4.5 U |
| 1,4-Dichlorobenzene | 1,800 | 13,000 | 5 U | 5.8 U | 5.6 U | 4.9 U | 5.4 U | 4.5 U |
| 2-Butanone (MEK) | 120 | 100,000 | 10 U | 12 U | 11 U | 9.7 U | 11 U | 8.9 U |
| 2-Hexanone | NS | NS | 5 U | 5.8 U | 5.6 U | 4.9 U | 5.4 U | 4.5 U |
| 4-Methyl-2-pentanone(MIBK) | NS | NS | 5 U | 5.8 U | 5.6 U | 4.9 U | 5.4 U | 4.5 U |
| Acetone | 50 | 100,000 | 10 U | 12 U | 11 U | 9.7 U | 11 U | 8.9 U |
| Benzene | 60 | 4,800 | 1 U | 1.2 U | 1.1 U | 0.97 U | 1.1 U | 0.89 U |
| Bromochloromethane | NS | NS | 5 U | 5.8 U | 5.6 U | 4.9 U | 5.4 U | 4.5 U |
| Bromodichloromethane | NS | NS | 5 U | 5.8 U | 5.6 U | 4.9 U | 5.4 U | 4.5 U |
| Bromoform | NS | NS | 5 U | 5.8 U | 5.6 U | 4.9 U | 5.4 U | 4.5 U |
| Bromomethane | NS | NS | 5 U | 5.8 U | 5.6 U | 4.9 U | 5.4 U | 4.5 U |
| Carbon disulfide | NS | NS | 5 U | 5.8 U | 5.6 U | 4.9 U | 5.4 U | 4.5 U |
| Carbon tetrachloride | 760 | 2,400 | 5 U | 5.8 U | 5.6 U | 4.9 U | 5.4 U | 4.5 U |
| Chlorobenzene | 1,100 | 100,000 | 5 U | 5.8 U | 5.6 U | 4.9 U | 5.4 U | 4.5 U |
| Chloroethane | NS | NS | 5 U | 5.8 U | 5.6 U | 4.9 U | 5.4 U | 4.5 U |
| Chloroform | 370 | 49,000 | 5 U | 5.8 U | 5.6 U | 4.9 U | 5.4 U | 4.5 U |
| Chloromethane | NS | NS | 5 U | 5.8 U | 5.6 U | 4.9 U | 5.4 U | 4.5 U |
| cis-1,2-Dichloroethene | 250 | 100,000 | 5 U | 5.8 U | 5.6 U | 4.9 U | 5.4 U | 4.5 U |
| cis-1,3-Dichloropropene | NS | NS | 5 U | 5.8 U | 5.6 U | 4.9 U | 5.4 U | 4.5 U |
| Cyclohexane | NS | NS | 5 U | 5.8 U | 5.6 U | 4.9 U | 5.4 U | 4.5 U |
| Dibromochloromethane | NS | NS | 5 U | 5.8 U | 5.6 U | 4.9 U | 5.4 U | 4.5 U |
| Dichlorodifluoromethane | NS | NS | 5 U | 5.8 U | 5.6 U | 4.9 U | 5.4 U | 4.5 U |
| Ethylbenzene | 1,000 | 41,000 | 1 U | 1.2 U | 1.1 U | 0.97 U | 1.1 U | 0.89 U |
| Freon 113 | NS | NS | 5 U | 5.8 U | 5.6 U | 4.9 U | 5.4 U | 4.5 U |
| Isopropylbenzene | NS | NS | 5 U | 5.8 U | 5.6 U | 4.9 U | 5.4 U | 4.5 U |
| m,p-Xylene | 260 | 100,000 | 1 U | 1.2 U | 1.1 U | 0.97 U | 1.1 U | 0.89 U |
| Methyl Acetate | NS | NS | 5 U | 5.8 U | 5.6 U | 4.9 U | 5.4 U | 4.5 U |
| Methyl Tert Butyl Ether | 930 | 100,000 | 1 U | 1.2 U | 1.1 U | 0.97 U | 1.1 U | 0.89 U |
| Methylcyclohexane | NS | NS | 5 U | 5.8 U | 5.6 U | 4.9 U | 5.4 U | 4.5 U |
| Methylene chloride | 50 | 100,000 | 5 U | 5.8 U | 5.6 U | 4.9 U | 5.4 U | 4.5 U |
| o-Xylene | 260 | 100,000 | 1 U | 1.2 U | 1.1 U | 0.97 U | 1.1 U | 0.89 U |
| Styrene | NS | NS | 5 U | 5.8 U | 5.6 U | 4.9 U | 1.2 J | 4.5 U |
| Tetrachloroethene | 1300 | 19,000 | 5 U | 0.73 J | 1 J | 4.9 U | 0.7 J | 4.5 U |
| Toluene | 700 | 100,000 | 1 U | 1.2 U | 1.1 U | 0.97 U | 1.1 U | 0.89 U |
| trans-1,2-Dichloroethene | 190 | 100,000 | 5 U | 5.8 U | 5.6 U | 4.9 U | 5.4 U | 4.5 U |
| trans-1,3-Dichloropropene | NS | NS | 5 U | 5.8 U | 5.6 U | 4.9 U | 5.4 U | 4.5 U |
| Trichloroethene | 470 | 21,000 | 5 U | 5.8 U | 5.6 U | 4.9 U | 5.4 U | 4.5 U |
| Trichlorofluoromethane | NS | NS | 5 U | 5.8 U | 5.6 U | 4.9 U | 5.4 U | 4.5 U |
| Vinyl chloride | 20 | 900 | 5 U | 5.8 U | 5.6 U | 4.9 U | 5.4 U | 4.5 U |
| Xylene (total) | NS | NS | 1 U | 1.2 U | 1.1 U | 0.97 U | 1.1 U | 0.89 U |

Table 4
Flushing Commons Phase 1
38-18 Union Street
Flushing, NY
Remedial Investigation Soil Analytical Results
Volatile Organic Compounds

| Client ID | NYSDEC | NYSDEC | SB-9 (28-30) | SB-10 (0-2) | SB-10 (28-30) | TRIP BLANK | TRIP BLANK |
|-----------------------------|--------------|-------------|--------------|-------------|---------------|------------|------------|
| Lab Sample ID | Part 375 | Part 375 | JB57522-2 | JB58216-1 | JB58216-2 | JB57522-5 | JB58216-5 |
| Date Sampled | Unrestricted | Restricted | 1/13/2014 | 1/20/2014 | 1/20/2014 | 1/13/2014 | 1/20/2014 |
| | SCO | Residential | | | | | |
| | SCO | SCO | | | | | |
| µg/Kg | µg/Kg | µg/Kg | | | | µg/L | µg/L |
| 1,1,1-Trichloroethane | 680 | 100,000 | 5.5 U | 5.6 U | 4.9 U | 1 U | 1 U |
| 1,1,2,2-Tetrachloroethane | NS | NS | 5.5 U | 5.6 U | 4.9 U | 1 U | 1 U |
| 1,1,2-Trichloroethane | NS | NS | 5.5 U | 5.6 U | 4.9 U | 1 U | 1 U |
| 1,1-Dichloroethane | 270 | 26,000 | 5.5 U | 5.6 U | 4.9 U | 1 U | 1 U |
| 1,1-Dichloroethene | 330 | 100,000 | 5.5 U | 5.6 U | 4.9 U | 1 U | 1 U |
| 1,2,3-Trichlorobenzene | NS | NS | 5.5 U | 5.6 U | 4.9 U | 5 U | 5 U |
| 1,2,4-Trichlorobenzene | NS | NS | 5.5 U | 5.6 U | 4.9 U | 5 U | 5 U |
| 1,2-Dibromo-3-chloropropane | NS | NS | 11 U | 11 U | 9.8 U | 10 U | 10 U |
| 1,2-Dibromoethane | NS | NS | 1.1 U | 1.1 U | 0.98 U | 2 U | 2 U |
| 1,2-Dichlorobenzene | 1,100 | 100,000 | 5.5 U | 5.6 U | 4.9 U | 1 U | 1 U |
| 1,2-Dichloroethane | 20 | 3,100 | 1.1 U | 1.1 U | 0.98 U | 1 U | 1 U |
| 1,2-Dichloropropane | NS | NS | 5.5 U | 5.6 U | 4.9 U | 1 U | 1 U |
| 1,3-Dichlorobenzene | 2,400 | 49,000 | 5.5 U | 5.6 U | 4.9 U | 1 U | 1 U |
| 1,4-Dichlorobenzene | 1,800 | 13,000 | 5.5 U | 5.6 U | 4.9 U | 1 U | 1 U |
| 2-Butanone (MEK) | 120 | 100,000 | 11 U | 11 U | 9.8 U | 10 U | 10 U |
| 2-Hexanone | NS | NS | 5.5 U | 5.6 U | 4.9 U | 5 U | 5 U |
| 4-Methyl-2-pentanone(MIBK) | NS | NS | 5.5 U | 5.6 U | 4.9 U | 5 U | 5 U |
| Acetone | 50 | 100,000 | 5.9 J | 8.5 J | 9.8 U | 10 U | 10 U |
| Benzene | 60 | 4,800 | 1.1 U | 1.1 U | 0.98 U | 1 U | 1 U |
| Bromochloromethane | NS | NS | 5.5 U | 5.6 U | 4.9 U | 5 U | 5 U |
| Bromodichloromethane | NS | NS | 5.5 U | 5.6 U | 4.9 U | 1 U | 1 U |
| Bromoform | NS | NS | 5.5 U | 5.6 U | 4.9 U | 4 U | 4 U |
| Bromomethane | NS | NS | 5.5 U | 5.6 U | 4.9 U | 2 U | 2 U |
| Carbon disulfide | NS | NS | 5.5 U | 5.6 U | 4.9 U | 2 U | 2 U |
| Carbon tetrachloride | 760 | 2,400 | 5.5 U | 5.6 U | 4.9 U | 1 U | 1 U |
| Chlorobenzene | 1,100 | 100,000 | 5.5 U | 5.6 U | 4.9 U | 1 U | 1 U |
| Chloroethane | NS | NS | 5.5 U | 5.6 U | 4.9 U | 1 U | 1 U |
| Chloroform | 370 | 49,000 | 5.5 U | 5.6 U | 4.9 U | 1 U | 1 U |
| Chloromethane | NS | NS | 5.5 U | 5.6 U | 4.9 U | 1 U | 1 U |
| cis-1,2-Dichloroethene | 250 | 100,000 | 5.5 U | 5.6 U | 4.9 U | 1 U | 1 U |
| cis-1,3-Dichloropropene | NS | NS | 5.5 U | 5.6 U | 4.9 U | 1 U | 1 U |
| Cyclohexane | NS | NS | 5.5 U | 5.6 U | 4.9 U | 5 U | 5 U |
| Dibromochloromethane | NS | NS | 5.5 U | 5.6 U | 4.9 U | 1 U | 1 U |
| Dichlorodifluoromethane | NS | NS | 5.5 U | 5.6 U | 4.9 U | 5 U | 5 U |
| Ethylbenzene | 1,000 | 41,000 | 1.1 U | 1.1 U | 0.98 U | 1 U | 1 U |
| Freon 113 | NS | NS | 5.5 U | 5.6 U | 4.9 U | 5 U | 5 U |
| Isopropylbenzene | NS | NS | 5.5 U | 5.6 U | 4.9 U | 2 U | 2 U |
| m,p-Xylene | 260 | 100,000 | 1.1 U | 1.1 U | 0.98 U | 1 U | 1 U |
| Methyl Acetate | NS | NS | 5.5 U | 5.6 U | 4.9 U | 5 U | 5 U |
| Methyl Tert Butyl Ether | 930 | 100,000 | 1.1 U | 1.1 U | 0.98 U | 1 U | 1 U |
| Methylcyclohexane | NS | NS | 5.5 U | 5.6 U | 4.9 U | 5 U | 5 U |
| Methylene chloride | 50 | 100,000 | 5.5 U | 5.6 U | 4.9 U | 2 U | 2 U |
| o-Xylene | 260 | 100,000 | 1.1 U | 1.1 U | 0.98 U | 1 U | 1 U |
| Styrene | NS | NS | 5.5 U | 5.6 U | 4.9 U | 5 U | 5 U |
| Tetrachloroethene | 1300 | 19,000 | 5.5 U | 5.6 U | 4.9 U | 1 U | 1 U |
| Toluene | 700 | 100,000 | 0.49 J | 1.1 U | 0.98 U | 1 U | 1 U |
| trans-1,2-Dichloroethene | 190 | 100,000 | 5.5 U | 5.6 U | 4.9 U | 1 U | 1 U |
| trans-1,3-Dichloropropene | NS | NS | 5.5 U | 5.6 U | 4.9 U | 1 U | 1 U |
| Trichloroethene | 470 | 21,000 | 5.5 U | 5.6 U | 4.9 U | 1 U | 1 U |
| Trichlorofluoromethane | NS | NS | 5.5 U | 5.6 U | 4.9 U | 5 U | 5 U |
| Vinyl chloride | 20 | 900 | 5.5 U | 5.6 U | 4.9 U | 1 U | 1 U |
| Xylene (total) | NS | NS | 1.1 U | 1.1 U | 0.98 U | 1 U | 1 U |

Table 5
Flushing Commons Phase 1

38-18 Union Street

Flushing, NY

Remedial Investigation Soil Analytical Results

Semivolatile Organic Compounds

| Client ID Lab Sample ID Date Sampled | NYSDEC Part 375 Unrestricted SCO µg/Kg | NYSDEC Part 375 Restricted Residential SCO µg/Kg | SB-1 (0-2) JB58123-5 1/17/2014 | SB-1 (40-42) JB58123-6 1/17/2014 | SB-2 (0-2) JB57666-1 1/14/2014 | SB-2 (48-50) JB57666-2 1/14/2014 | SB-3 (0-2) JB58123-3 1/17/2014 | SB-3 (43-45) JB58123-4 1/17/2014 |
|--|--|---|--------------------------------------|--|--------------------------------------|--|--------------------------------------|--|
| 1,1'-Biphenyl | NS | NS | 68 U | 61 U | 66 U | 70 U | 65 U | 63 U |
| 1,2,4,5-Tetrachlorobenzene | NS | NS | 170 U | 150 U | 160 U | 170 U | 160 U | 160 U |
| 1,4-Dioxane | 100 | 13,000 | 34 U | 30 U | 33 U | 35 U | 32 U | 31 U |
| 2,3,4,6-Tetrachlorophenol | NS | NS | 170 U | 150 U | 160 U | 170 U | 160 U | 160 U |
| 2,4,5-Trichlorophenol | NS | NS | 170 U | 150 U | 160 U | 170 U | 160 U | 160 U |
| 2,4,6-Trichlorophenol | NS | NS | 170 U | 150 U | 160 U | 170 U | 160 U | 160 U |
| 2,4-Dichlorophenol | NS | NS | 170 U | 150 U | 160 U | 170 U | 160 U | 160 U |
| 2,4-Dimethylphenol | NS | NS | 170 U | 150 U | 160 U | 170 U | 160 U | 160 U |
| 2,4-Dinitrophenol | NS | NS | 680 U | 610 U | 660 U | 700 U | 650 U | 630 U |
| 2,4-Dinitrotoluene | NS | NS | 34 U | 30 U | 33 U | 35 U | 32 U | 31 U |
| 2,6-Dinitrotoluene | NS | NS | 34 U | 30 U | 33 U | 35 U | 32 U | 31 U |
| 2-Chloronaphthalene | NS | NS | 68 U | 61 U | 66 U | 70 U | 65 U | 63 U |
| 2-Chlorophenol | NS | NS | 68 U | 61 U | 66 U | 70 U | 65 U | 63 U |
| 2-Methylnaphthalene | NS | NS | 68 U | 61 U | 66 U | 70 U | 65 U | 63 U |
| 2-Methylphenol | 330 | 100,000 | 68 U | 61 U | 66 U | 70 U | 65 U | 63 U |
| 2-Nitroaniline | NS | NS | 170 U | 150 U | 160 U | 170 U | 160 U | 160 U |
| 2-Nitrophenol | NS | NS | 170 U | 150 U | 160 U | 170 U | 160 U | 160 U |
| 3&4-Methylphenol | NS | NS | 68 U | 61 U | 66 U | 70 U | 65 U | 63 U |
| 3,3'-Dichlorobenzidine | NS | NS | 68 U | 61 U | 66 U | 70 U | 65 U | 63 U |
| 3-Nitroaniline | NS | NS | 170 U | 150 U | 160 U | 170 U | 160 U | 160 U |
| 4,6-Dinitro-o-cresol | NS | NS | 680 U | 610 U | 660 U | 700 U | 650 U | 630 U |
| 4-Bromophenyl phenyl ether | NS | NS | 68 U | 61 U | 66 U | 70 U | 65 U | 63 U |
| 4-Chloro-3-methyl phenol | NS | NS | 170 U | 150 U | 160 U | 170 U | 160 U | 160 U |
| 4-Chloroaniline | NS | NS | 170 U | 150 U | 160 U | 170 U | 160 U | 160 U |
| 4-Chlorophenyl phenyl ether | NS | NS | 68 U | 61 U | 66 U | 70 U | 65 U | 63 U |
| 4-Nitroaniline | NS | NS | 170 U | 150 U | 160 U | 170 U | 160 U | 160 U |
| 4-Nitrophenol | NS | NS | 340 U | 300 U | 330 U | 350 U | 320 U | 310 U |
| Acenaphthene | 20,000 | 100,000 | 34 U | 30 U | 33 U | 35 U | 32 U | 31 U |
| Acenaphthylene | 100,000 | 100,000 | 34 U | 30 U | 33 U | 35 U | 32 U | 31 U |
| Acetophenone | NS | NS | 170 U | 150 U | 160 U | 170 U | 160 U | 160 U |
| Anthracene | 100,000 | 100,000 | 34 U | 30 U | 33 U | 35 U | 32 U | 31 U |
| Atrazine | NS | NS | 68 U | 61 U | 66 U | 70 U | 65 U | 63 U |
| Benzaldehyde | NS | NS | 170 U | 150 U | 160 U | 170 U | 160 U | 160 U |
| Benzo(a)anthracene | 1,000 | 1,000 | 34 U | 30 U | 33 U | 35 U | 32 U | 31 U |
| Benzo(a)pyrene | 1,000 | 1,000 | 34 U | 30 U | 33 U | 35 U | 32 U | 31 U |
| Benzo(b)fluoranthene | 1,000 | 1,000 | 34 U | 30 U | 33 U | 35 U | 32 U | 31 U |
| Benzo(g,h,i)perylene | 100,000 | 100,000 | 34 U | 30 U | 33 U | 35 U | 32 U | 31 U |
| Benzo(k)fluoranthene | 800 | 3,900 | 34 U | 30 U | 33 U | 35 U | 32 U | 31 U |
| bis(2-Chloroethoxy)methane | NS | NS | 68 U | 61 U | 66 U | 70 U | 65 U | 63 U |
| bis(2-Chloroethyl)ether | NS | NS | 68 U | 61 U | 66 U | 70 U | 65 U | 63 U |
| bis(2-Chloroisopropyl)ether | NS | NS | 68 U | 61 U | 66 U | 70 U | 65 U | 63 U |
| bis(2-Ethylhexyl)phthalate | NS | NS | 68 U | 61 U | 66 U | 70 U | 65 U | 63 U |
| Butyl benzyl phthalate | NS | NS | 68 U | 61 U | 66 U | 70 U | 65 U | 63 U |
| Caprolactam | NS | NS | 68 U | 61 U | 66 U | 70 U | 65 U | 63 U |
| Carbazole | NS | NS | 68 U | 61 U | 66 U | 70 U | 65 U | 63 U |
| Chrysene | 1,000 | 3,900 | 34 U | 30 U | 33 U | 35 U | 32 U | 31 U |
| Dibenzo(a,h)anthracene | 330 | 330 | 34 U | 30 U | 33 U | 35 U | 32 U | 31 U |
| Dibenzofuran | 7,000 | 59,000 | 68 U | 61 U | 66 U | 70 U | 65 U | 63 U |
| Diethyl phthalate | NS | NS | 68 U | 61 U | 66 U | 70 U | 65 U | 63 U |
| Dimethyl phthalate | NS | NS | 68 U | 61 U | 66 U | 70 U | 65 U | 63 U |
| Di-n-butyl phthalate | NS | NS | 68 U | 61 U | 66 U | 70 U | 65 U | 63 U |
| Di-n-octyl phthalate | NS | NS | 68 U | 61 U | 66 U | 70 U | 65 U | 63 U |
| Fluoranthene | 100,000 | 100,000 | 34 U | 30 U | 33 U | 35 U | 32 U | 31 U |
| Fluorene | 30,000 | 100,000 | 34 U | 30 U | 33 U | 35 U | 32 U | 31 U |
| Hexachlorobenzene | 330 | 1,200 | 68 U | 61 U | 66 U | 70 U | 65 U | 63 U |
| Hexachlorobutadiene | NS | NS | 34 U | 30 U | 33 U | 35 U | 32 U | 31 U |
| Hexachlorocyclopentadiene | NS | NS | 340 U | 300 U | 330 U | 350 U | 320 U | 310 U |
| Hexachloroethane | NS | NS | 170 U | 150 U | 160 U | 170 U | 160 U | 160 U |
| Indeno(1,2,3-cd)pyrene | 500 | 500 | 34 U | 30 U | 33 U | 35 U | 32 U | 31 U |
| Isophorone | NS | NS | 68 U | 61 U | 66 U | 70 U | 65 U | 63 U |
| Naphthalene | 12,000 | 100,000 | 34 U | 30 U | 33 U | 35 U | 32 U | 31 U |
| Nitrobenzene | NS | NS | 68 U | 61 U | 66 U | 70 U | 65 U | 63 U |
| N-Nitroso-di-n-propylamine | NS | NS | 68 U | 61 U | 66 U | 70 U | 65 U | 63 U |
| N-Nitrosodiphenylamine | NS | NS | 170 U | 150 U | 160 U | 170 U | 160 U | 160 U |
| Pentachlorophenol | 800 | 6,700 | 340 U | 300 U | 330 U | 350 U | 320 U | 310 U |
| Phenanthrene | 100,000 | 100,000 | 34 U | 30 U | 33 U | 35 U | 32 U | 31 U |
| Phenol | 330 | 100,000 | 68 U | 61 U | 66 U | 70 U | 65 U | 63 U |
| Pyrene | 100,000 | 100,000 | 34 U | 30 U | 33 U | 35 U | 32 U | 31 U |

Table 5
Flushing Commons Phase 1

38-18 Union Street

Flushing, NY

Remedial Investigation Soil Analytical Results

Semivolatile Organic Compounds

| Client ID | NYSDEC Part 375 Unrestricted SCO | NYSDEC Part 375 Restricted Residential SCO | SB-4 (0-2) JB58123-7 1/16/2014 | SB-4 (28-30) JB58123-8 1/16/2014 | SB-5 (0-2) JB57522-3 1/13/2014 | SB-5 (36-38) JB57522-4 1/13/2014 | SB-6 (0-2) JB58216-3 1/20/2014 | SB-6 (49-51) JB58216-4 1/20/2014 |
|-----------------------------|---|--|--------------------------------------|--|--------------------------------------|--|--------------------------------------|--|
| Lab Sample ID | | | | | | | | |
| Date Sampled | | | | | | | | |
| µg/Kg | µg/Kg | µg/Kg | | | | | | |
| 1,1'-Biphenyl | NS | NS | 70 U | 65 U | 69 U | 60 U | 66 U | 64 U |
| 1,2,4,5-Tetrachlorobenzene | NS | NS | 170 U | 160 U | 170 U | 150 U | 170 U | 160 U |
| 1,4-Dioxane | 100 | 13,000 | 35 U | 33 U | 35 U | 30 U | 33 U | 32 U |
| 2,3,4,6-Tetrachlorophenol | NS | NS | 170 U | 160 U | 170 U | 150 U | 170 U | 160 U |
| 2,4,5-Trichlorophenol | NS | NS | 170 U | 160 U | 170 U | 150 U | 170 U | 160 U |
| 2,4,6-Trichlorophenol | NS | NS | 170 U | 160 U | 170 U | 150 U | 170 U | 160 U |
| 2,4-Dichlorophenol | NS | NS | 170 U | 160 U | 170 U | 150 U | 170 U | 160 U |
| 2,4-Dimethylphenol | NS | NS | 170 U | 160 U | 170 U | 150 U | 170 U | 160 U |
| 2,4-Dinitrophenol | NS | NS | 700 U | 650 U | 690 U | 600 U | 660 U | 640 U |
| 2,4-Dinitrotoluene | NS | NS | 35 U | 33 U | 35 U | 30 U | 33 U | 32 U |
| 2,6-Dinitrotoluene | NS | NS | 35 U | 33 U | 35 U | 30 U | 33 U | 32 U |
| 2-Chloronaphthalene | NS | NS | 70 U | 65 U | 69 U | 60 U | 66 U | 64 U |
| 2-Chlorophenol | NS | NS | 70 U | 65 U | 69 U | 60 U | 66 U | 64 U |
| 2-Methylnaphthalene | NS | NS | 70 U | 65 U | 69 U | 60 U | 66 U | 64 U |
| 2-Methylphenol | 330 | 100,000 | 70 U | 65 U | 69 U | 60 U | 66 U | 64 U |
| 2-Nitroaniline | NS | NS | 170 U | 160 U | 170 U | 150 U | 170 U | 160 U |
| 2-Nitrophenol | NS | NS | 170 U | 160 U | 170 U | 150 U | 170 U | 160 U |
| 3&4-Methylphenol | NS | NS | 70 U | 65 U | 69 U | 60 U | 66 U | 64 U |
| 3,3'-Dichlorobenzidine | NS | NS | 70 U | 65 U | 69 U | 60 U | 66 U | 64 U |
| 3-Nitroaniline | NS | NS | 170 U | 160 U | 170 U | 150 U | 170 U | 160 U |
| 4,6-Dinitro-o-cresol | NS | NS | 700 U | 650 U | 690 U | 600 U | 660 U | 640 U |
| 4-Bromophenyl phenyl ether | NS | NS | 70 U | 65 U | 69 U | 60 U | 66 U | 64 U |
| 4-Chloro-3-methyl phenol | NS | NS | 170 U | 160 U | 170 U | 150 U | 170 U | 160 U |
| 4-Chloroaniline | NS | NS | 170 U | 160 U | 170 U | 150 U | 170 U | 160 U |
| 4-Chlorophenyl phenyl ether | NS | NS | 70 U | 65 U | 69 U | 60 U | 66 U | 64 U |
| 4-Nitroaniline | NS | NS | 170 U | 160 U | 170 U | 150 U | 170 U | 160 U |
| 4-Nitrophenol | NS | NS | 350 U | 330 U | 350 U | 300 U | 330 U | 320 U |
| Acenaphthene | 20,000 | 100,000 | 35 U | 33 U | 35 U | 30 U | 33 U | 32 U |
| Acenaphthylene | 100,000 | 100,000 | 35 U | 33 U | 35 U | 30 U | 33 U | 32 U |
| Acetophenone | NS | NS | 170 U | 160 U | 170 U | 150 U | 170 U | 160 U |
| Anthracene | 100,000 | 100,000 | 35 U | 33 U | 35 U | 30 U | 33 U | 32 U |
| Atrazine | NS | NS | 70 U | 65 U | 69 U | 60 U | 66 U | 64 U |
| Benzaldehyde | NS | NS | 170 U | 160 U | 170 U | 150 U | 170 U | 160 U |
| Benzo(a)anthracene | 1,000 | 1,000 | 35 U | 33 U | 35 U | 30 U | 33 U | 32 U |
| Benzo(a)pyrene | 1,000 | 1,000 | 35 U | 33 U | 35 U | 30 U | 33 U | 32 U |
| Benzo(b)fluoranthene | 1,000 | 1,000 | 35 U | 33 U | 35 U | 30 U | 33 U | 32 U |
| Benzo(g,h,i)perylene | 100,000 | 100,000 | 35 U | 33 U | 35 U | 30 U | 33 U | 32 U |
| Benzo(k)fluoranthene | 800 | 3,900 | 35 U | 33 U | 35 U | 30 U | 33 U | 32 U |
| bis(2-Chloroethoxy)methane | NS | NS | 70 U | 65 U | 69 U | 60 U | 66 U | 64 U |
| bis(2-Chloroethyl)ether | NS | NS | 70 U | 65 U | 69 U | 60 U | 66 U | 64 U |
| bis(2-Chloroisopropyl)ether | NS | NS | 70 U | 65 U | 69 U | 60 U | 66 U | 64 U |
| bis(2-Ethylhexyl)phthalate | NS | NS | 70 U | 65 U | 48.8 J | 36.8 J | 66 U | 64 U |
| Butyl benzyl phthalate | NS | NS | 70 U | 65 U | 69 U | 60 U | 66 U | 64 U |
| Caprolactam | NS | NS | 70 U | 65 U | 69 U | 60 U | 66 U | 64 U |
| Carbazole | NS | NS | 70 U | 65 U | 69 U | 60 U | 66 U | 64 U |
| Chrysene | 1,000 | 3,900 | 35 U | 33 U | 35 U | 30 U | 33 U | 32 U |
| Dibenzo(a,h)anthracene | 330 | 330 | 35 U | 33 U | 35 U | 30 U | 33 U | 32 U |
| Dibenzofuran | 7,000 | 59,000 | 70 U | 65 U | 69 U | 60 U | 66 U | 64 U |
| Diethyl phthalate | NS | NS | 70 U | 65 U | 69 U | 60 U | 66 U | 64 U |
| Dimethyl phthalate | NS | NS | 70 U | 65 U | 69 U | 60 U | 66 U | 64 U |
| Di-n-butyl phthalate | NS | NS | 70 U | 65 U | 69 U | 60 U | 66 U | 64 U |
| Di-n-octyl phthalate | NS | NS | 70 U | 65 U | 69 U | 60 U | 66 U | 64 U |
| Fluoranthene | 100,000 | 100,000 | 35 U | 33 U | 35 U | 30 U | 33 U | 32 U |
| Fluorene | 30,000 | 100,000 | 35 U | 33 U | 35 U | 30 U | 33 U | 32 U |
| Hexachlorobenzene | 330 | 1,200 | 70 U | 65 U | 69 U | 60 U | 66 U | 64 U |
| Hexachlorobutadiene | NS | NS | 35 U | 33 U | 35 U | 30 U | 33 U | 32 U |
| Hexachlorocyclopentadiene | NS | NS | 350 U | 330 U | 350 U | 300 U | 330 U | 320 U |
| Hexachloroethane | NS | NS | 170 U | 160 U | 170 U | 150 U | 170 U | 160 U |
| Indeno(1,2,3-cd)pyrene | 500 | 500 | 35 U | 33 U | 35 U | 30 U | 33 U | 32 U |
| Isophorone | NS | NS | 70 U | 65 U | 69 U | 60 U | 66 U | 64 U |
| Naphthalene | 12,000 | 100,000 | 35 U | 33 U | 35 U | 30 U | 33 U | 32 U |
| Nitrobenzene | NS | NS | 70 U | 65 U | 69 U | 60 U | 66 U | 64 U |
| N-Nitroso-di-n-propylamine | NS | NS | 70 U | 65 U | 69 U | 60 U | 66 U | 64 U |
| N-Nitrosodiphenylamine | NS | NS | 170 U | 160 U | 170 U | 150 U | 170 U | 160 U |
| Pentachlorophenol | 800 | 6,700 | 350 U | 330 U | 350 U | 300 U | 330 U | 320 U |
| Phenanthrene | 100,000 | 100,000 | 35 U | 33 U | 35 U | 30 U | 33 U | 32 U |
| Phenol | 330 | 100,000 | 70 U | 65 U | 69 U | 60 U | 66 U | 64 U |
| Pyrene | 100,000 | 100,000 | 35 U | 33 U | 35 U | 30 U | 33 U | 32 U |

Table 5
Flushing Commons Phase 1
38-18 Union Street
Flushing, NY
Remedial Investigation Soil Analytical Results
Semivolatile Organic Compounds

| Client ID | NYSDEC Part 375 Unrestricted SCO | NYSDEC Part 375 Restricted Residential SCO | SB-7 (0-2) JB57834-3 1/15/2014 | SB-7 (49-51) JB57834-4 1/15/2014 | SB-7B (49-51) JB57834-5 1/15/2014 | SB-8 (0-2) JB57834-1 1/15/2014 | SB-8 (49-51) JB57834-2 1/15/2014 |
|-----------------------------|---|--|--------------------------------------|--|---|--------------------------------------|--|
| Lab Sample ID | | | | | | | |
| Date Sampled | | | | | | | |
| µg/Kg | µg/Kg | µg/Kg | | | | | |
| 1,1'-Biphenyl | NS | NS | 67 U | 62 U | 64 U | 64 U | 57 U |
| 1,2,4,5-Tetrachlorobenzene | NS | NS | 170 U | 160 U | 160 U | 160 U | 140 U |
| 1,4-Dioxane | 100 | 13,000 | 34 U | 31 U | - U | 32 U | 29 U |
| 2,3,4,6-Tetrachlorophenol | NS | NS | 170 U | 160 U | 160 U | 160 U | 140 U |
| 2,4,5-Trichlorophenol | NS | NS | 170 U | 160 U | 160 U | 160 U | 140 U |
| 2,4,6-Trichlorophenol | NS | NS | 170 U | 160 U | 160 U | 160 U | 140 U |
| 2,4-Dichlorophenol | NS | NS | 170 U | 160 U | 160 U | 160 U | 140 U |
| 2,4-Dimethylphenol | NS | NS | 170 U | 160 U | 160 U | 160 U | 140 U |
| 2,4-Dinitrophenol | NS | NS | 670 U | 620 U | 640 U | 640 U | 570 U |
| 2,4-Dinitrotoluene | NS | NS | 34 U | 31 U | 32 U | 32 U | 29 U |
| 2,6-Dinitrotoluene | NS | NS | 34 U | 31 U | 32 U | 32 U | 29 U |
| 2-Chloronaphthalene | NS | NS | 67 U | 62 U | 64 U | 64 U | 57 U |
| 2-Chlorophenol | NS | NS | 67 U | 62 U | 64 U | 64 U | 57 U |
| 2-Methylnaphthalene | NS | NS | 67 U | 62 U | 64 U | 64 U | 57 U |
| 2-Methylphenol | 330 | 100,000 | 67 U | 62 U | 64 U | 64 U | 57 U |
| 2-Nitroaniline | NS | NS | 170 U | 160 U | 160 U | 160 U | 140 U |
| 2-Nitrophenol | NS | NS | 170 U | 160 U | 160 U | 160 U | 140 U |
| 3&4-Methylphenol | NS | NS | 67 U | 62 U | 64 U | 64 U | 57 U |
| 3,3'-Dichlorobenzidine | NS | NS | 67 U | 62 U | 64 U | 64 U | 57 U |
| 3-Nitroaniline | NS | NS | 170 U | 160 U | 160 U | 160 U | 140 U |
| 4,6-Dinitro-o-cresol | NS | NS | 670 U | 620 U | 640 U | 640 U | 570 U |
| 4-Bromophenyl phenyl ether | NS | NS | 67 U | 62 U | 64 U | 64 U | 57 U |
| 4-Chloro-3-methyl phenol | NS | NS | 170 U | 160 U | 160 U | 160 U | 140 U |
| 4-Chloroaniline | NS | NS | 170 U | 160 U | 160 U | 160 U | 140 U |
| 4-Chlorophenyl phenyl ether | NS | NS | 67 U | 62 U | 64 U | 64 U | 57 U |
| 4-Nitroaniline | NS | NS | 170 U | 160 U | 160 U | 160 U | 140 U |
| 4-Nitrophenol | NS | NS | 340 U | 310 U | 320 U | 320 U | 290 U |
| Acenaphthene | 20,000 | 100,000 | 34 U | 31 U | 32 U | 32 U | 29 U |
| Acenaphthylene | 100,000 | 100,000 | 34 U | 31 U | 32 U | 32 U | 29 U |
| Acetophenone | NS | NS | 170 U | 160 U | 160 U | 160 U | 140 U |
| Anthracene | 100,000 | 100,000 | 34 U | 31 U | 32 U | 32 U | 29 U |
| Atrazine | NS | NS | 67 U | 62 U | 64 U | 64 U | 57 U |
| Benzaldehyde | NS | NS | 170 U | 160 U | 160 U | 160 U | 140 U |
| Benzo(a)anthracene | 1,000 | 1,000 | 34 U | 31 U | 32 U | 32 U | 29 U |
| Benzo(a)pyrene | 1,000 | 1,000 | 34 U | 31 U | 32 U | 32 U | 29 U |
| Benzo(b)fluoranthene | 1,000 | 1,000 | 34 U | 31 U | 32 U | 32 U | 29 U |
| Benzo(g,h,i)perylene | 100,000 | 100,000 | 34 U | 31 U | 32 U | 32 U | 29 U |
| Benzo(k)fluoranthene | 800 | 3,900 | 34 U | 31 U | 32 U | 32 U | 29 U |
| bis(2-Chloroethoxy)methane | NS | NS | 67 U | 62 U | 64 U | 64 U | 57 U |
| bis(2-Chloroethyl)ether | NS | NS | 67 U | 62 U | 64 U | 64 U | 57 U |
| bis(2-Chloroisopropyl)ether | NS | NS | 67 U | 62 U | 64 U | 64 U | 57 U |
| bis(2-Ethylhexyl)phthalate | NS | NS | 67 U | 31.4 J | 64 U | 64 U | 57 U |
| Butyl benzyl phthalate | NS | NS | 67 U | 62 U | 64 U | 64 U | 57 U |
| Caprolactam | NS | NS | 67 U | 62 U | 64 U | 64 U | 57 U |
| Carbazole | NS | NS | 67 U | 62 U | 64 U | 64 U | 57 U |
| Chrysene | 1,000 | 3,900 | 34 U | 31 U | 32 U | 32 U | 29 U |
| Dibenzo(a,h)anthracene | 330 | 330 | 34 U | 31 U | 32 U | 32 U | 29 U |
| Dibenzofuran | 7,000 | 59,000 | 67 U | 62 U | 64 U | 64 U | 57 U |
| Diethyl phthalate | NS | NS | 67 U | 62 U | 64 U | 64 U | 57 U |
| Dimethyl phthalate | NS | NS | 67 U | 62 U | 64 U | 64 U | 57 U |
| Di-n-butyl phthalate | NS | NS | 67 U | 62 U | 64 U | 64 U | 57 U |
| Di-n-octyl phthalate | NS | NS | 67 U | 62 U | 64 U | 64 U | 57 U |
| Fluoranthene | 100,000 | 100,000 | 34 U | 31 U | 32 U | 32 U | 29 U |
| Fluorene | 30,000 | 100,000 | 34 U | 31 U | 32 U | 32 U | 29 U |
| Hexachlorobenzene | 330 | 1,200 | 67 U | 62 U | 64 U | 64 U | 57 U |
| Hexachlorobutadiene | NS | NS | 34 U | 31 U | 32 U | 32 U | 29 U |
| Hexachlorocyclopentadiene | NS | NS | 340 U | 310 U | 320 U | 320 U | 290 U |
| Hexachloroethane | NS | NS | 170 U | 160 U | 160 U | 160 U | 140 U |
| Indeno(1,2,3-cd)pyrene | 500 | 500 | 34 U | 31 U | 32 U | 32 U | 29 U |
| Isophorone | NS | NS | 67 U | 62 U | 64 U | 64 U | 57 U |
| Naphthalene | 12,000 | 100,000 | 34 U | 31 U | 32 U | 32 U | 29 U |
| Nitrobenzene | NS | NS | 67 U | 62 U | 64 U | 64 U | 57 U |
| N-Nitroso-di-n-propylamine | NS | NS | 67 U | 62 U | 64 U | 64 U | 57 U |
| N-Nitrosodiphenylamine | NS | NS | 170 U | 160 U | 160 U | 160 U | 140 U |
| Pentachlorophenol | 800 | 6,700 | 340 U | 310 U | 320 U | 320 U | 290 U |
| Phenanthrene | 100,000 | 100,000 | 34 U | 31 U | 32 U | 32 U | 29 U |
| Phenol | 330 | 100,000 | 67 U | 62 U | 64 U | 64 U | 57 U |
| Pyrene | 100,000 | 100,000 | 34 U | 31 U | 32 U | 32 U | 29 U |

Table 5
Flushing Commons Phase 1

38-18 Union Street

Flushing, NY

Remedial Investigation Soil Analytical Results

Semivolatile Organic Compounds

| Client ID | NYSDEC | NYSDEC | SB-9 (0-2) | SB-9 (28-30) | SB-10 (0-2) | SB-10 (28-30) |
|-----------------------------|--------------|-------------|------------|--------------|-------------|---------------|
| Lab Sample ID | Part 375 | Part 375 | JB57522-1 | JB57522-2 | JB58216-1 | JB58216-2 |
| Date Sampled | Unrestricted | Restricted | 1/13/2014 | 1/13/2014 | 1/20/2014 | 1/20/2014 |
| | SCO | Residential | | | | |
| µg/Kg | µg/Kg | SCO | | | | |
| | µg/Kg | µg/Kg | | | | |
| 1,1'-Biphenyl | NS | NS | 72 U | 68 U | 73 U | 65 U |
| 1,2,4,5-Tetrachlorobenzene | NS | NS | 180 U | 170 U | 180 U | 160 U |
| 1,4-Dioxane | 100 | 13,000 | 36 U | 34 U | 37 U | 33 U |
| 2,3,4,6-Tetrachlorophenol | NS | NS | 180 U | 170 U | 180 U | 160 U |
| 2,4,5-Trichlorophenol | NS | NS | 180 U | 170 U | 180 U | 160 U |
| 2,4,6-Trichlorophenol | NS | NS | 180 U | 170 U | 180 U | 160 U |
| 2,4-Dichlorophenol | NS | NS | 180 U | 170 U | 180 U | 160 U |
| 2,4-Dimethylphenol | NS | NS | 180 U | 170 U | 180 U | 160 U |
| 2,4-Dinitrophenol | NS | NS | 720 U | 680 U | 730 U | 650 U |
| 2,4-Dinitrotoluene | NS | NS | 36 U | 34 U | 37 U | 33 U |
| 2,6-Dinitrotoluene | NS | NS | 36 U | 34 U | 37 U | 33 U |
| 2-Chloronaphthalene | NS | NS | 72 U | 68 U | 73 U | 65 U |
| 2-Chlorophenol | NS | NS | 72 U | 68 U | 73 U | 65 U |
| 2-Methylnaphthalene | NS | NS | 72 U | 68 U | 73 U | 65 U |
| 2-Methylphenol | 330 | 100,000 | 72 U | 68 U | 73 U | 65 U |
| 2-Nitroaniline | NS | NS | 180 U | 170 U | 180 U | 160 U |
| 2-Nitrophenol | NS | NS | 180 U | 170 U | 180 U | 160 U |
| 3&4-Methylphenol | NS | NS | 72 U | 68 U | 73 U | 65 U |
| 3,3'-Dichlorobenzidine | NS | NS | 72 U | 68 U | 73 U | 65 U |
| 3-Nitroaniline | NS | NS | 180 U | 170 U | 180 U | 160 U |
| 4,6-Dinitro-o-cresol | NS | NS | 720 U | 680 U | 730 U | 650 U |
| 4-Bromophenyl phenyl ether | NS | NS | 72 U | 68 U | 73 U | 65 U |
| 4-Chloro-3-methyl phenol | NS | NS | 180 U | 170 U | 180 U | 160 U |
| 4-Chloroaniline | NS | NS | 180 U | 170 U | 180 U | 160 U |
| 4-Chlorophenyl phenyl ether | NS | NS | 72 U | 68 U | 73 U | 65 U |
| 4-Nitroaniline | NS | NS | 180 U | 170 U | 180 U | 160 U |
| 4-Nitrophenol | NS | NS | 360 U | 340 U | 370 U | 330 U |
| Acenaphthene | 20,000 | 100,000 | 36 U | 34 U | 37 U | 33 U |
| Acenaphthylene | 100,000 | 100,000 | 36 U | 34 U | 37 U | 33 U |
| Acetophenone | NS | NS | 180 U | 170 U | 180 U | 160 U |
| Anthracene | 100,000 | 100,000 | 36 U | 34 U | 37 U | 33 U |
| Atrazine | NS | NS | 72 U | 68 U | 73 U | 65 U |
| Benzaldehyde | NS | NS | 180 U | 170 U | 180 U | 160 U |
| Benzo(a)anthracene | 1,000 | 1,000 | 36 U | 34 U | 37 U | 33 U |
| Benzo(a)pyrene | 1,000 | 1,000 | 36 U | 34 U | 37 U | 33 U |
| Benzo(b)fluoranthene | 1,000 | 1,000 | 36 U | 34 U | 37 U | 33 U |
| Benzo(g,h,i)perylene | 100,000 | 100,000 | 36 U | 34 U | 37 U | 33 U |
| Benzo(k)fluoranthene | 800 | 3,900 | 36 U | 34 U | 37 U | 33 U |
| bis(2-Chloroethoxy)methane | NS | NS | 72 U | 68 U | 73 U | 65 U |
| bis(2-Chloroethyl)ether | NS | NS | 72 U | 68 U | 73 U | 65 U |
| bis(2-Chloroisopropyl)ether | NS | NS | 72 U | 68 U | 73 U | 65 U |
| bis(2-Ethylhexyl)phthalate | NS | NS | 42 J | 44.1 J | 73 U | 65 U |
| Butyl benzyl phthalate | NS | NS | 72 U | 68 U | 73 U | 65 U |
| Caprolactam | NS | NS | 72 U | 68 U | 73 U | 65 U |
| Carbazole | NS | NS | 72 U | 68 U | 73 U | 65 U |
| Chrysene | 1,000 | 3,900 | 36 U | 34 U | 37 U | 33 U |
| Dibenzo(a,h)anthracene | 330 | 330 | 36 U | 34 U | 37 U | 33 U |
| Dibenzofuran | 7,000 | 59,000 | 72 U | 68 U | 73 U | 65 U |
| Diethyl phthalate | NS | NS | 72 U | 68 U | 73 U | 65 U |
| Dimethyl phthalate | NS | NS | 72 U | 68 U | 73 U | 65 U |
| Di-n-butyl phthalate | NS | NS | 72 U | 68 U | 73 U | 65 U |
| Di-n-octyl phthalate | NS | NS | 72 U | 68 U | 73 U | 65 U |
| Fluoranthene | 100,000 | 100,000 | 36 U | 15.3 J | 37 U | 33 U |
| Fluorene | 30,000 | 100,000 | 36 U | 34 U | 37 U | 33 U |
| Hexachlorobenzene | 330 | 1,200 | 72 U | 68 U | 73 U | 65 U |
| Hexachlorobutadiene | NS | NS | 36 U | 34 U | 37 U | 33 U |
| Hexachlorocyclopentadiene | NS | NS | 360 U | 340 U | 370 U | 330 U |
| Hexachloroethane | NS | NS | 180 U | 170 U | 180 U | 160 U |
| Indeno(1,2,3-cd)pyrene | 500 | 500 | 36 U | 34 U | 37 U | 33 U |
| Isophorone | NS | NS | 72 U | 68 U | 73 U | 65 U |
| Naphthalene | 12,000 | 100,000 | 36 U | 34 U | 37 U | 33 U |
| Nitrobenzene | NS | NS | 72 U | 68 U | 73 U | 65 U |
| N-Nitroso-di-n-propylamine | NS | NS | 72 U | 68 U | 73 U | 65 U |
| N-Nitrosodiphenylamine | NS | NS | 180 U | 170 U | 180 U | 160 U |
| Pentachlorophenol | 800 | 6,700 | 360 U | 340 U | 370 U | 330 U |
| Phenanthrene | 100,000 | 100,000 | 36 U | 34 U | 37 U | 33 U |
| Phenol | 330 | 100,000 | 72 U | 68 U | 73 U | 65 U |
| Pyrene | 100,000 | 100,000 | 36 U | 13.9 J | 37 U | 33 U |

Table 6
Flushing Commons Phase 1
38-18 Union Street
Flushing, NY
Remedial Investigation Soil Analytical Results
Metals

| Client ID Lab Sample ID Date Sampled Dilution mg/kg | NYSDEC Part 375 Unrestricted SCO mg/kg | NYSDEC Part 375 Restricted Residential SCO mg/kg | SB-1 (0-2) JB58123-5 1/17/2014 1 | SB-1 (40-42) JB58123-6 1/17/2014 1 | SB-2 (0-2) JB57666-1 1/14/2014 1 | SB-2 (48-50) JB57666-2 1/14/2014 1 | SB-3 (0-2) JB58123-3 1/17/2014 1 | SB-3 (43-45) JB58123-4 1/17/2014 1 | SB-4 (0-2) JB58123-7 1/16/2014 1 | SB-4 (28-30) JB58123-8 1/16/2014 1 | SB-5 (0-2) JB57522-3 1/13/2014 1 | SB-5 (36-38) JB57522-4 1/13/2014 1 |
|---|--|---|---|---|---|---|---|---|---|---|---|---|
| Aluminum | NS | NS | 6,610 | 856 | 9,980 | 8,920 | 11,800 | 5,240 | 10,700 | 4,120 | 7,370 | 4,890 |
| Antimony | NS | NS | 2.1 U | 2.1 U | 2.2 U | 2.4 | 2.1 U | 2.1 U | 2.3 U | 2.1 U | 2.2 U | 2.1 U |
| Arsenic | 13 | 16 | 2.1 U | 2.1 U | 2.5 | 3.1 | 2.4 | 2.1 U | 2.3 U | 2.1 U | 2.2 U | 2.1 U |
| Barium | 350 | 400 | 42.8 | 21 U | 64.7 | 105 | 68.6 | 36.9 | 61 | 37.4 | 53 | 36.6 |
| Beryllium | 7.2 | 72 | 0.27 | 0.21 U | 0.36 | 1.5 | 1.5 | 0.88 | 0.52 | 0.21 U | 1 | 0.74 |
| Cadmium | 2.5 | 4.3 | 0.52 U | 0.52 U | 0.54 U | 0.53 U | 0.53 U | 0.52 U | 0.56 U | 0.52 U | 0.54 U | 0.52 U |
| Calcium | NS | NS | 791 | 520 U | 3,940 | 1,710 | 878 | 1,150 | 605 | 2,180 | 1,370 | 595 |
| Chromium | 30 | 180 | 14.7 | 5.5 | 54.2 | 22.3 | 31 | 19.6 | 27.2 | 18.6 | 19.9 | 13.4 |
| Cobalt | NS | NS | 6.5 | 5.2 U | 8.1 | 14.4 | 8.7 | 5.2 U | 8.9 | 5.2 U | 6.9 | 5.2 U |
| Copper | 50 | 270 | 14 | 3.2 | 29.2 | 22.6 | 20.4 | 9.5 | 16.3 | 11.2 | 12.4 | 7.5 |
| Iron | NS | NS | 16,100 | 6390 | 22,300 | 59,300 | 21,400 | 14,600 | 21,900 | 12,000 | 16,300 | 8,900 |
| Lead | 63 | 400 | 3.9 | 2.1 U | 11.7 | 5.3 | 7.2 | 3.3 | 5.5 | 4.2 | 9.5 | 2.7 |
| Magnesium | NS | NS | 2,120 | 520 U | 4,050 | 3,160 | 3,390 | 1,540 | 2,670 | 2,180 | 1,970 | 1,810 |
| Manganese | 1,600 | 2,000 | 418 | 200 | 416 | 750 | 412 | 360 | 510 | 342 | 413 | 129 |
| Mercury | 0.18 | 0.81 | 0.033 U | 0.03 U | 0.032 U | 0.032 U | 0.036 U | 0.034 U | 0.034 U | 0.032 U | 0.035 U | 0.034 U |
| Nickel | 30 | 310 | 22 | 4.8 | 24 | 29.9 | 24.6 | 11.3 | 23.6 | 11.3 | 22.2 | 9.2 |
| Potassium | NS | NS | 1,050 | 1000 U | 1,810 | 1,590 | 2,770 | 1,020 | 2,020 | 1,360 | 1,440 | 1,500 |
| Selenium | 3.9 | 180 | 2.1 U | 2.1 U | 2.2 U | 2.1 U | 2.1 U | 2.1 U | 2.3 U | 2.1 U | 2.2 U | 2.1 U |
| Silver | 2 | 180 | 0.89 | 0.52 U | 0.54 U | 0.53 U | 1.4 | 0.65 | 1.3 | 0.65 | 0.76 | 0.54 |
| Sodium | NS | NS | 1,000 U | 1000 U | 1,100 U | 1,100 U | 1,100 U | 1,000 U | 1,100 U | 1,000 U | 1,100 U | 1,000 U |
| Thallium | NS | NS | 1 U | 1 U | 1.1 U | 1.1 U | 1.1 U | 1 U | 1.1 U | 1 U | 1.1 | 1 U |
| Vanadium | NS | NS | 20 | 7.8 | 39.4 | 46.6 | 35.8 | 32.9 | 34.5 | 18.5 | 30.5 | 15.7 |
| Zinc | 109 | 10,000 | 33.1 | 7.3 | 37.7 | 80.5 | 37.4 | 16.6 | 32.5 | 18.9 | 27.2 | 16.4 |

Note: † = The dilution factor for Iron is 2.

Table 6
Flushing Commons Phase 1
38-18 Union Street
Flushing, NY
Remedial Investigation Soil Analytical Results
Metals

| Client ID Lab Sample ID Date Sampled Dilution | NYSDEC Part 375 Unrestricted SCO | NYSDEC Part 375 Restricted Residential SCO | SB-6 (0-2) JB58216-3 1/20/2014 | SB-6 (49-51) JB58216-4 1/20/2014 | SB-7 (0-2) JB57834-3 1/15/2014 | SB-7 (49-51) JB57834-4 1/15/2014 | SB-7B (49-51) JB57834-5 1/15/2014 | SB-8 (0-2) JB57834-1 1/15/2014 | SB-8 (49-51) JB57834-2 1/15/2014 | SB-9 (0-2) JB57522-1 1/13/2014 | SB-9 (28-30) JB57522-2 1/13/2014 | SB-10 (0-2) JB58216-1 1/20/2014 | SB-10 (28-30) JB58216-2 1/20/2014 |
|--|---|--|--------------------------------------|--|--------------------------------------|--|---|--------------------------------------|--|--------------------------------------|--|---------------------------------------|---|
| mg/kg | mg/kg | mg/kg | | | | | | | | | | | |
| Aluminum | NS | NS | 3,940 | 4,010 | 12,200 | 5,500 | 3,850 | 8,640 | 3,140 | 10,300 | 5,550 | 9,180 | 2,840 |
| Antimony | NS | NS | 2.1 U | 2.1 U | 2.1 U | 2 U | 2.1 U | 2.1 U | 2 U | 2.3 U | 2.2 U | 2.1 U | 2.1 U |
| Arsenic | 13 | 16 | 2.1 U | 2.1 U | 2.4 | 2 U | 2.1 U | 2.1 U | 2 U | 2.3 U | 2.2 U | 2.9 | 29.1 |
| Barium | 350 | 400 | 32.3 | 29.7 | 60.1 | 55.9 | 33.3 | 42.9 | 21 | 65.4 | 32.3 | 61.4 | 23.1 |
| Beryllium | 7.2 | 72 | 0.21 U | 0.24 | 0.62 | 0.3 | 0.23 | 0.42 | 0.21 | 1.4 | 0.91 | 0.46 | 0.21 U |
| Cadmium | 2.5 | 4.3 | 0.52 U | 0.52 U | 0.53 U | 0.5 U | 0.52 U | 0.52 U | 0.5 U | 0.57 U | 0.55 U | 0.53 U | 0.52 U |
| Calcium | NS | NS | 923 | 1,630 | 747 | 891 | 689 | 599 | 894 | 1,520 | 600 | 1,130 | 520 U |
| Chromium | 30 | 180 | 15.9 | 26.5 | 24.7 | 26.7 | 12.9 | 17.7 | 12.3 | 28.2 | 16.4 | 23.5 | 25.9 |
| Cobalt | NS | NS | 5.2 U | 6 | 8.8 | 5.2 | 5.2 U | 6.5 | 5 U | 7.8 | 5.5 U | 8.9 | 31.9 |
| Copper | 50 | 270 | 6.5 | 12 | 16.7 | 10.4 | 6.5 | 14.6 | 7.2 | 17.3 | 8 | 17 | 7.9 |
| Iron | NS | NS | 10,900 | 20,500 | 20,300 | 12,400 | 10,100 | 14,900 | 9,360 | 20,600 | 11,200 | 20,900 | 27,900 |
| Lead | 63 | 400 | 2.5 | 2.7 | 5.6 | 2.8 | 2.3 | 3.9 | 2.4 | 6.1 | 3 | 6.5 | 12.7 |
| Magnesium | NS | NS | 1,600 | 1,410 | 3,130 | 2,690 | 1,620 | 1,970 | 1,390 | 3,160 | 2,270 | 2,830 | 654 |
| Manganese | 1,600 | 2,000 | 238 | 225 | 499 | 323 | 188 | 363 | 133 | 327 | 160 | 406 | 163 |
| Mercury | 0.18 | 0.81 | 0.031 U | 0.031 U | 0.035 U | 0.033 | 0.034 U | 0.032 U | 0.032 U | 0.034 U | 0.034 U | 0.032 U | 0.031 U |
| Nickel | 30 | 310 | 10.8 | 14.3 | 21 | 16.9 | 9.7 | 18.5 | 8.6 | 23.1 | 11.7 | 30 | 39.4 |
| Potassium | NS | NS | 1,160 | 1,000 U | 1,990 | 2,020 | 1,250 | 1,240 | 1,000 U | 2,490 | 1,930 | 2,010 | 1,000 U |
| Selenium | 3.9 | 180 | 2.1 U | 2.1 U | 2.1 U | 2 | 2.1 U | 2.1 U | 2 U | 2.3 U | 2.2 U | 2.1 U | 2.1 U |
| Silver | 2 | 180 | 0.52 U | 0.52 U | 0.53 U | 0.5 | 0.52 U | 0.52 U | 0.5 U | 1.4 | 0.88 | 0.96 | 1.7 |
| Sodium | NS | NS | 1,000 U | 1,000 U | 1,100 U | 1,000 | 1,000 U | 1,000 U | 1,000 U | 1,100 U | 1,100 U | 1,100 U | 1,000 U |
| Thallium | NS | NS | 1 U | 1 U | 1.1 U | 1 | 1 U | 1 U | 1 U | 1.1 U | 1.1 U | 1.1 U | 1 U |
| Vanadium | NS | NS | 19.3 | 48 | 32.2 | 17.1 | 15.3 | 23.8 | 15 | 37.9 | 19.8 | 29.9 | 22.2 |
| Zinc | 109 | 10,000 | 16 | 16.4 | 31.8 | 31.4 | 15.3 | 22.1 | 13.6 | 35.1 | 22.6 | 38.5 | 16.1 |

Note: † = The dilution factor for Iron is 2.

Table 7
Flushing Commons Phase 1
38-18 Union Street
Flushing, NY
Remedial Investigation Soil Analytical Results
Polychlorinated Biphenyls & Pesticides

| Client ID Lab Sample ID Date Sampled | NYSDEC Part 375 Unrestricted SCO | NYSDEC Part 375 Restricted Residential SCO | SB-1 (0-2) JB58123-5 1/17/2014 | SB-1 (40-42) JB58123-6 1/17/2014 | SB-2 (0-2) JB57666-1 1/14/2014 | SB-2 (48-50) JB57666-2 1/14/2014 | SB-3 (0-2) JB58123-3 1/17/2014 | SB-3 (43-45) JB58123-4 1/17/2014 | SB-4 (0-2) JB58123-7 1/16/2014 | SB-4 (28-30) JB58123-8 1/16/2014 | SB-5 (0-2) JB57522-3 1/13/2014 | SB-5 (36-38) JB57522-4 1/13/2014 |
|--|---|--|--------------------------------------|--|--------------------------------------|--|--------------------------------------|--|--------------------------------------|--|--------------------------------------|--|
| Polychlorinated Biphenyls - µg/Kg | µg/Kg | µg/Kg | | | | | | | | | | |
| Aroclor 1016 | NS | NS | 3.5 U | 3.3 U | 3.4 U | 3.1 U | 3.6 U | 3.4 U | 3.6 U | 3.4 U | 3.6 U | 3.4 U |
| Aroclor 1221 | NS | NS | 3.5 U | 3.3 U | 3.4 U | 3.1 U | 3.6 U | 3.4 U | 3.6 U | 3.4 U | 3.6 U | 3.4 U |
| Aroclor 1232 | NS | NS | 3.5 U | 3.3 U | 3.4 U | 3.1 U | 3.6 U | 3.4 U | 3.6 U | 3.4 U | 3.6 U | 3.4 U |
| Aroclor 1242 | NS | NS | 3.5 U | 3.3 U | 3.4 U | 3.1 U | 3.6 U | 3.4 U | 3.6 U | 3.4 U | 3.6 U | 3.4 U |
| Aroclor 1248 | NS | NS | 3.5 U | 3.3 U | 3.4 U | 3.1 U | 3.6 U | 3.4 U | 3.6 U | 3.4 U | 3.6 U | 3.4 U |
| Aroclor 1254 | NS | NS | 3.5 U | 3.3 U | 3.4 U | 3.1 U | 3.6 U | 3.4 U | 3.6 U | 3.4 U | 3.6 U | 3.4 U |
| Aroclor 1260 | NS | NS | 3.5 U | 3.3 U | 3.4 U | 3.1 U | 3.6 U | 3.4 U | 3.6 U | 3.4 U | 3.6 U | 3.4 U |
| Aroclor 1268 | NS | NS | 3.5 U | 3.3 U | 3.4 U | 3.1 U | 3.6 U | 3.4 U | 3.6 U | 3.4 U | 3.6 U | 3.4 U |
| Aroclor 1262 | NS | NS | 3.5 U | 3.3 U | 3.4 U | 3.1 U | 3.6 U | 3.4 U | 3.6 U | 3.4 U | 3.6 U | 3.4 U |
| Total PCBs | 100 | 1,000 | ND | ND |

Pesticides - µg/Kg

| | | | | | | | | | | | | |
|---------------------|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 4,4'-DDD | 3.3 | 13,000 | 0.071 U | 0.068 U | 0.066 U | 0.067 U | 0.072 U | 0.064 U | 0.073 U | 0.068 U | 0.077 | 0.069 U |
| 4,4'-DDE | 3.3 | 8,900 | 0.071 U | 0.068 U | 0.066 U | 0.067 U | 0.072 U | 0.064 U | 0.073 U | 0.068 U | 0.41 | 0.069 U |
| 4,4'-DDT | 3.3 | 7,900 | 0.071 U | 0.068 U | 0.066 U | 0.067 U | 0.072 U | 0.064 U | 0.073 U | 0.068 U | 0.67 a | 0.069 U |
| Aldrin | 5 | 97 | 0.071 U | 0.068 U | 0.066 U | 0.067 U | 0.072 U | 0.064 U | 0.073 U | 0.068 U | 0.071 U | 0.069 U |
| alpha-BHC | 20 | 480 | 0.071 U | 0.068 U | 0.066 U | 0.067 U | 0.072 U | 0.064 U | 0.073 U | 0.068 U | 0.071 U | 0.069 U |
| alpha-Chlordane | 94 | 4,200 | 0.071 U | 0.068 U | 0.066 U | 0.067 U | 0.072 U | 0.064 U | 0.073 U | 0.068 U | 0.071 U | 0.069 U |
| beta-BHC | 36 | 360 | 0.071 U | 0.068 U | 0.066 U | 0.067 U | 0.072 U | 0.064 U | 0.073 U | 0.068 U | 0.071 U | 0.069 U |
| delta-BHC | 40 | 100,000 | 0.071 U | 0.068 U | 0.066 U | 0.067 U | 0.072 U | 0.064 U | 0.073 U | 0.068 U | 0.071 U | 0.069 U |
| Dieldrin | 5 | 200 | 0.071 U | 0.068 U | 0.066 U | 0.067 U | 0.072 U | 0.064 U | 0.073 U | 0.068 U | 0.071 U | 0.069 U |
| Endosulfan sulfate | 2,400 | 24,000 | 0.071 U | 0.068 U | 0.066 U | 0.067 U | 0.072 U | 0.064 U | 0.073 U | 0.068 U | 0.071 U | 0.069 U |
| Endosulfan-I | 2,400 | 24,000 | 0.071 U | 0.068 U | 0.066 U | 0.067 U | 0.072 U | 0.064 U | 0.073 U | 0.068 U | 0.071 U | 0.069 U |
| Endosulfan-II | 2,400 | 24,000 | 0.071 U | 0.068 U | 0.066 U | 0.067 U | 0.072 U | 0.064 U | 0.073 U | 0.068 U | 0.071 U | 0.069 U |
| Endrin | 14 | 11,000 | 0.071 U | 0.068 U | 0.066 U | 0.067 U | 0.072 U | 0.064 U | 0.073 U | 0.068 U | 0.071 U | 0.069 U |
| Endrin aldehyde | NS | NS | 0.071 U | 0.068 U | 0.066 U | 0.067 U | 0.072 U | 0.064 U | 0.073 U | 0.068 U | 0.071 U | 0.069 U |
| Endrin ketone | NS | NS | 0.071 U | 0.068 U | 0.066 U | 0.067 U | 0.072 U | 0.064 U | 0.073 U | 0.068 U | 0.071 U | 0.069 U |
| gamma-BHC (Lindane) | 100 | 1,300 | 0.071 U | 0.068 U | 0.066 U | 0.067 U | 0.072 U | 0.064 U | 0.073 U | 0.068 U | 0.071 U | 0.069 U |
| gamma-Chlordane | NS | NS | 0.071 U | 0.068 U | 0.066 U | 0.067 U | 0.17 | 0.14 | 0.073 U | 0.068 U | 0.071 U | 0.069 U |
| Heptachlor | 42 | 2,100 | 0.071 U | 0.068 U | 0.066 U | 0.067 U | 0.072 U | 0.064 U | 0.073 U | 0.068 U | 0.071 U | 0.069 U |
| Heptachlor epoxide | NS | NS | 0.071 U | 0.068 U | 0.066 U | 0.067 U | 0.072 U | 0.064 U | 0.073 U | 0.068 U | 0.071 U | 0.069 U |
| Methoxychlor | NS | NS | 0.14 U | 0.14 U | 0.13 U | 0.13 U | 0.14 U | 0.13 U | 0.15 U | 0.14 U | 0.14 U | 0.14 U |
| Toxaphene | NS | NS | 1.8 U | 1.7 U | 1.7 U | 1.7 U | 1.8 U | 1.6 U | 1.8 U | 1.7 U | 1.8 U | 1.7 U |

Note: a = Reported from 1st signal. %D of check on 2nd signal
excess method criteria (20 %) so using for confirmation only.

Table 7
Flushing Commons Phase 1
38-18 Union Street
Flushing, NY
Remedial Investigation Soil Analytical Results
Polychlorinated Biphenyls & Pesticides

| Client ID Lab Sample ID Date Sampled | NYSDEC Part 375 Unrestricted SCO | NYSDEC Part 375 Restricted Residential SCO | SB-6 (0-2) JB58216-3 1/20/2014 | SB-6 (49-51) JB58216-4 1/20/2014 | SB-7 (0-2) JB57834-3 1/15/2014 | SB-7 (49-51) JB57834-4 1/15/2014 | SB-7B (49-51) JB57834-5 1/15/2014 | SB-8 (0-2) JB57834-1 1/15/2014 | SB-8 (49-51) JB57834-2 1/15/2014 | SB-9 (0-2) JB57522-1 1/13/2014 | SB-9 (28-30) JB57522-2 1/13/2014 | SB-10 (0-2) JB58216-1 1/20/2014 | SB-10 (28-30) JB58216-2 1/20/2014 |
|--|---|--|--------------------------------------|--|--------------------------------------|--|---|--------------------------------------|--|--------------------------------------|--|---------------------------------------|---|
| Polychlorinated Biphenyls - µg/Kg | µg/Kg | µg/Kg | | | | | | | | | | | |
| Aroclor 1016 | NS | NS | 3.4 U | 3.4 U | 3.5 U | 3.3 U | 3.2 U | 3.3 U | 3.1 U | 3.6 U | 3.4 U | 3.5 U | 3.4 U |
| Aroclor 1221 | NS | NS | 3.4 U | 3.4 U | 3.5 U | 3.3 U | 3.2 U | 3.3 U | 3.1 U | 3.6 U | 3.4 U | 3.5 U | 3.4 U |
| Aroclor 1232 | NS | NS | 3.4 U | 3.4 U | 3.5 U | 3.3 U | 3.2 U | 3.3 U | 3.1 U | 3.6 U | 3.4 U | 3.5 U | 3.4 U |
| Aroclor 1242 | NS | NS | 3.4 U | 3.4 U | 3.5 U | 3.3 U | 3.2 U | 3.3 U | 3.1 U | 3.6 U | 3.4 U | 3.5 U | 3.4 U |
| Aroclor 1248 | NS | NS | 3.4 U | 3.4 U | 3.5 U | 3.3 U | 3.2 U | 3.3 U | 3.1 U | 3.6 U | 3.4 U | 3.5 U | 3.4 U |
| Aroclor 1254 | NS | NS | 3.4 U | 3.4 U | 3.5 U | 3.3 U | 3.2 U | 3.3 U | 3.1 U | 3.6 U | 3.4 U | 3.5 U | 3.4 U |
| Aroclor 1260 | NS | NS | 3.4 U | 3.4 U | 3.5 U | 3.3 U | 3.2 U | 3.3 U | 3.1 U | 3.6 U | 3.4 U | 3.5 U | 3.4 U |
| Aroclor 1268 | NS | NS | 3.4 U | 3.4 U | 3.5 U | 3.3 U | 3.2 U | 3.3 U | 3.1 U | 3.6 U | 3.4 U | 3.5 U | 3.4 U |
| Aroclor 1262 | NS | NS | 3.4 U | 3.4 U | 3.5 U | 3.3 U | 3.2 U | 3.3 U | 3.1 U | 3.6 U | 3.4 U | 3.5 U | 3.4 U |
| Total PCBs | 100 | 1,000 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |

Pesticides - µg/Kg

| | | | | | | | | | | | | | |
|---------------------|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|--------|---------|
| 4,4'-DDD | 3.3 | 13,000 | 0.065 U | 0.065 U | 0.069 U | 0.067 U | 0.064 U | 0.065 U | 0.061 U | 0.073 U | 0.069 U | 0.07 U | 0.066 U |
| 4,4'-DDE | 3.3 | 8,900 | 0.065 U | 0.065 U | 0.069 U | 0.067 U | 0.064 U | 0.065 U | 0.061 U | 0.073 U | 0.069 U | 0.07 U | 0.066 U |
| 4,4'-DDT | 3.3 | 7,900 | 0.065 U | 0.065 U | 0.069 U | 0.067 U | 0.064 U | 0.065 U | 0.061 U | 0.073 U | 0.069 U | 0.07 U | 0.066 U |
| Aldrin | 5 | 97 | 0.065 U | 0.065 U | 0.069 U | 0.067 U | 0.064 U | 0.065 U | 0.061 U | 0.073 U | 0.069 U | 0.07 U | 0.066 U |
| alpha-BHC | 20 | 480 | 0.065 U | 0.065 U | 0.069 U | 0.067 U | 0.064 U | 0.065 U | 0.061 U | 0.073 U | 0.069 U | 0.07 U | 0.066 U |
| alpha-Chlordane | 94 | 4,200 | 0.065 U | 0.065 U | 0.069 U | 0.067 U | 0.064 U | 0.065 U | 0.061 U | 0.073 U | 0.069 U | 0.07 U | 0.066 U |
| beta-BHC | 36 | 360 | 0.065 U | 0.065 U | 0.069 U | 0.067 U | 0.064 U | 0.065 U | 0.061 U | 0.073 U | 0.069 U | 0.07 U | 0.066 U |
| delta-BHC | 40 | 100,000 | 0.065 U | 0.065 U | 0.069 U | 0.067 U | 0.064 U | 0.065 U | 0.061 U | 0.073 U | 0.069 U | 0.07 U | 0.066 U |
| Dieldrin | 5 | 200 | 0.065 U | 0.065 U | 0.069 U | 0.067 U | 0.064 U | 0.065 U | 0.061 U | 0.073 U | 0.069 U | 0.07 U | 0.066 U |
| Endosulfan sulfate | 2,400 | 24,000 | 0.065 U | 0.065 U | 0.069 U | 0.067 U | 0.064 U | 0.065 U | 0.061 U | 0.073 U | 0.069 U | 0.07 U | 0.066 U |
| Endosulfan-I | 2,400 | 24,000 | 0.065 U | 0.065 U | 0.069 U | 0.067 U | 0.064 U | 0.065 U | 0.061 U | 0.073 U | 0.069 U | 0.07 U | 0.066 U |
| Endosulfan-II | 2,400 | 24,000 | 0.065 U | 0.065 U | 0.069 U | 0.067 U | 0.064 U | 0.065 U | 0.061 U | 0.073 U | 0.069 U | 0.07 U | 0.066 U |
| Endrin | 14 | 11,000 | 0.065 U | 0.065 U | 0.069 U | 0.067 U | 0.064 U | 0.065 U | 0.061 U | 0.073 U | 0.069 U | 0.07 U | 0.066 U |
| Endrin aldehyde | NS | NS | 0.065 U | 0.065 U | 0.069 U | 0.067 U | 0.064 U | 0.065 U | 0.061 U | 0.073 U | 0.069 U | 0.07 U | 0.066 U |
| Endrin ketone | NS | NS | 0.065 U | 0.065 U | 0.069 U | 0.067 U | 0.064 U | 0.065 U | 0.061 U | 0.073 U | 0.069 U | 0.07 U | 0.066 U |
| gamma-BHC (Lindane) | 100 | 1,300 | 0.065 U | 0.065 U | 0.069 U | 0.067 U | 0.064 U | 0.065 U | 0.061 U | 0.073 U | 0.069 U | 0.07 U | 0.066 U |
| gamma-Chlordane | NS | NS | 0.065 U | 0.065 U | 0.069 U | 0.067 U | 0.064 U | 0.065 U | 0.061 U | 0.073 U | 0.069 U | 0.07 U | 0.066 U |
| Heptachlor | 42 | 2,100 | 0.065 U | 0.065 U | 0.069 U | 0.067 U | 0.064 U | 0.065 U | 0.061 U | 0.073 U | 0.069 U | 0.07 U | 0.066 U |
| Heptachlor epoxide | NS | NS | 0.065 U | 0.065 U | 0.069 U | 0.067 U | 0.064 U | 0.065 U | 0.061 U | 0.073 U | 0.069 U | 0.07 U | 0.066 U |
| Methoxychlor | NS | NS | 0.13 U | 0.13 U | 0.14 U | 0.13 U | 0.13 U | 0.13 U | 0.12 U | 0.15 U | 0.14 U | 0.14 U | 0.13 U |
| Toxaphene | NS | NS | 1.6 U | 1.6 U | 1.7 U | 1.7 U | 1.6 U | 1.6 U | 1.5 U | 1.8 U | 1.7 U | 1.7 U | 1.7 U |

Note: a = Reported from 1st signal. %D of check on 2nd signal
excess method criteria (20 %) so using for confirmation only.

Table 8
Flushing Commons Phase 1

38-18 Union Street

Flushing, NY

Remedial Investigation Groundwater Analytical Results
Volatile Organic Compounds

| Client ID | NYSDEC | TW-1 | TW-1B | TW-2 | TW-3 | TW-4 | TRIP BLANK |
|-----------------------------|------------------|-----------|-----------|-----------|-----------|-----------|------------|
| Lab Sample ID | Class GA | JB58302-1 | JB58302-2 | JB58123-1 | JB58302-3 | JB58123-2 | JB58302-4 |
| Date Sampled | Ambient Standard | 1/20/2014 | 1/20/2014 | 1/17/2014 | 1/20/2014 | 1/17/2014 | 1/20/2014 |
| µg/L | µg/L | | | | | | |
| 1,1,1-Trichloroethane | 5 | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1,1,2,2-Tetrachloroethane | 5 | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1,1,2-Trichloroethane | 1 | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1,1-Dichloroethane | 5 | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1,1-Dichloroethene | 5 | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1,2,3-Trichlorobenzene | 5 | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U |
| 1,2,4-Trichlorobenzene | 5 | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U |
| 1,2-Dibromo-3-chloropropane | 0.04 | 10 U |
| 1,2-Dibromoethane | 0.0006 | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U |
| 1,2-Dichlorobenzene | 3 | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1,2-Dichloroethane | 0.6 | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1,2-Dichloropropane | 1 | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1,3-Dichlorobenzene | 3 | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1,4-Dichlorobenzene | 3 | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 2-Butanone (MEK) | 50 | 10 U |
| 2-Hexanone | 50 | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U |
| 4-Methyl-2-pentanone(MIBK) | NS | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U |
| Acetone | 50 | 10 U |
| Benzene | 1 | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| Bromochloromethane | 5 | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U |
| Bromodichloromethane | 50 | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| Bromoform | 50 | 4 U | 4 U | 4 U | 4 U | 4 U | 4 U |
| Bromomethane | 5 | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U |
| Carbon disulfide | 60 | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U |
| Carbon tetrachloride | 5 | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| Chlorobenzene | 5 | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| Chloroethane | 5 | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| Chloroform | 7 | 0.41 J | 0.39 J | 0.72 J | 0.34 J | 0.32 J | 1 U |
| Chloromethane | 5 | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| cis-1,2-Dichloroethene | 5 | 3.3 | 3 | 9.6 | 10.2 | 3.2 | 1 U |
| cis-1,3-Dichloropropene | NS | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| Cyclohexane | NS | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U |
| Dibromochloromethane | 50 | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| Dichlorodifluoromethane | 5 | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U |
| Ethylbenzene | 5 | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| Freon 113 | 5 | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U |
| Isopropylbenzene | 5 | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U |
| m,p-Xylene | 5 | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| Methyl Acetate | NS | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U |
| Methyl Tert Butyl Ether | 10 | 0.44 J | 0.43 J | 0.38 J | 1 U | 1 U | 1 U |
| Methylcyclohexane | NS | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U |
| Methylene chloride | 5 | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U |
| o-Xylene | 5 | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| Styrene | 5 | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U |
| Tetrachloroethene | 5 | 40.8 | 39.4 | 7 | 11.3 | 5.2 | 1 U |
| Toluene | 5 | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| trans-1,2-Dichloroethene | 5 | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| trans-1,3-Dichloropropene | NS | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| Trichloroethene | 5 | 0.9 J | 0.86 J | 4 | 9.7 | 2.9 | 1 U |
| Trichlorofluoromethane | 5 | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U |
| Vinyl chloride | 2 | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| Xylene (total) | NS | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |

Table 9
Flushing Commons Phase 1

38-18 Union Street
Flushing, NY

Remedial Investigation Groundwater Analytical Results
Semivolatile Organic Compounds

| Client ID | NYSDEC | TW-1 | TW-1B | TW-2 | TW-3 | TW-4 |
|-----------------------------|------------------|-----------|-----------|-----------|-----------|-----------|
| Lab Sample ID | Class GA | JB58302-1 | JB58302-2 | JB58123-1 | JB58302-3 | JB58123-2 |
| Date Sampled | Ambient Standard | 1/20/2014 | 1/20/2014 | 1/17/2014 | 1/20/2014 | 1/17/2014 |
| ug/L | ug/L | | | | | |
| 1,1'-Biphenyl | 5 | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1,2,4,5-Tetrachlorobenzene | 5 | 2 U | 2 U | 2.1 U | 2 U | 2.1 U |
| 1,4-Dioxane | NS | 1 U | 1 U | 1 U | 1 U | 1 U |
| 2,3,4,6-Tetrachlorophenol | NS | 5 U | 5.1 U | 5.2 U | 5.1 U | 5.2 U |
| 2,4,5-Trichlorophenol | NS | 5 U | 5.1 U | 5.2 U | 5.1 U | 5.2 U |
| 2,4,6-Trichlorophenol | NS | 5 U | 5.1 U | 5.2 U | 5.1 U | 5.2 U |
| 2,4-Dichlorophenol | 5 | 2 U | 2 U | 2.1 U | 2 U | 2.1 U |
| 2,4-Dimethylphenol | 50 | 5 U | 5.1 U | 5.2 U | 5.1 U | 5.2 U |
| 2,4-Dinitrophenol | 10 | 20 U | 20 U | 21 U | 20 U | 21 U |
| 2,4-Dinitrotoluene | 5 | 1 U | 1 U | 1 U | 1 U | 1 U |
| 2,6-Dinitrotoluene | 5 | 1 U | 1 U | 1 U | 1 U | 1 U |
| 2-Chloronaphthalene | 10 | 2 U | 2 U | 2.1 U | 2 U | 2.1 U |
| 2-Chlorophenol | NS | 5 U | 5.1 U | 5.2 U | 5.1 U | 5.2 U |
| 2-Methylnaphthalene | NS | 1 U | 1 U | 1 U | 1 U | 1 U |
| 2-Methylphenol | NS | 2 U | 2 U | 2.1 U | 2 U | 2.1 U |
| 2-Nitroaniline | 5 | 5 U | 5.1 U | 5.2 U | 5.1 U | 5.2 U |
| 2-Nitrophenol | NS | 5 U | 5.1 U | 5.2 U | 5.1 U | 5.2 U |
| 3&4-Methylphenol | NS | 2 U | 2 U | 2.1 U | 2 U | 2.1 U |
| 3,3'-Dichlorobenzidine | 5 | 2 U | 2 U | 2.1 U | 2 U | 2.1 U |
| 3-Nitroaniline | 5 | 5 U | 5.1 U | 5.2 U | 5.1 U | 5.2 U |
| 4,6-Dinitro-o-cresol | NS | 20 U | 20 U | 21 U | 20 U | 21 U |
| 4-Bromophenyl phenyl ether | NS | 2 U | 2 U | 2.1 U | 2 U | 2.1 U |
| 4-Chloro-3-methyl phenol | NS | 5 U | 5.1 U | 5.2 U | 5.1 U | 5.2 U |
| 4-Chloroaniline | 5 | 5 U | 5.1 U | 5.2 U | 5.1 U | 5.2 U |
| 4-Chlorophenyl phenyl ether | NS | 2 U | 2 U | 2.1 U | 2 U | 2.1 U |
| 4-Nitroaniline | 5 | 5 U | 5.1 U | 5.2 U | 5.1 U | 5.2 U |
| 4-Nitrophenol | NS | 10 U |
| Acenaphthene | 20 | 1 U | 1 U | 1 U | 1 U | 1 U |
| Acenaphthylene | NS | 1 U | 1 U | 1 U | 1 U | 1 U |
| Acetophenone | NS | 2 U | 2 U | 2.1 U | 2 U | 2.1 U |
| Anthracene | 50 | 1 U | 1 U | 1 U | 1 U | 1 U |
| Atrazine | 7.5 | 2 U | 2 U | 2.1 U | 2 U | 2.1 U |
| Benzaldehyde | NS | 5 U | 5.1 U | 5.2 U | 5.1 U | 5.2 U |
| Benzo(a)anthracene | 0.002 | 1 U | 1 U | 1 U | 1 U | 1 U |
| Benzo(a)pyrene | ND | 1 U | 1 U | 1 U | 1 U | 1 U |
| Benzo(b)fluoranthene | 0.002 | 1 U | 1 U | 1 U | 1 U | 1 U |
| Benzo(g,h,i)perylene | NS | 1 U | 1 U | 1 U | 1 U | 1 U |
| Benzo(k)fluoranthene | 0.002 | 1 U | 1 U | 1 U | 1 U | 1 U |
| bis(2-Chloroethoxy)methane | 5 | 2 U | 2 U | 2.1 U | 2 U | 2.1 U |
| bis(2-Chloroethyl)ether | 1 | 2 U | 2 U | 2.1 U | 2 U | 2.1 U |
| bis(2-Chloroisopropyl)ether | NS | 2 U | 2 U | 2.1 U | 2 U | 2.1 U |
| bis(2-Ethylhexyl)phthalate | 5 | 2 U | 2 U | 1.6 J | 1.1 BJ | 2.1 U |
| Butyl benzyl phthalate | 50 | 2 U | 2 U | 2.1 U | 2 U | 2.1 U |
| Caprolactam | NS | 2 U | 2 U | 2.1 U | 2 U | 2.1 U |
| Carbazole | NS | 1 U | 1 U | 1 U | 1 U | 1 U |
| Chrysene | 0.002 | 1 U | 1 U | 1 U | 1 U | 1 U |
| Dibenzo(a,h)anthracene | NS | 1 U | 1 U | 1 U | 1 U | 1 U |
| Dibenzofuran | NS | 5 U | 5.1 U | 5.2 U | 5.1 U | 5.2 U |
| Diethyl phthalate | 50 | 2 U | 2 U | 2.1 U | 2 U | 2.1 U |
| Dimethyl phthalate | 50 | 2 U | 2 U | 2.1 U | 2 U | 2.1 U |
| Di-n-butyl phthalate | 50 | 2 U | 2 U | 2.1 U | 2 U | 2.1 U |
| Di-n-octyl phthalate | 50 | 2 U | 2 U | 2.1 U | 2 U | 2.1 U |
| Fluoranthene | 50 | 1 U | 1 U | 1 U | 1 U | 1 U |
| Fluorene | 50 | 1 U | 1 U | 1 U | 1 U | 1 U |
| Hexachlorobenzene | 0.04 | 1 U | 1 U | 1 U | 1 U | 1 U |
| Hexachlorobutadiene | 0.5 | 1 U | 1 U | 1 U | 1 U | 1 U |
| Hexachlorocyclopentadiene | 5 | 10 U |
| Hexachloroethane | 5 | 2 U | 2 U | 2.1 U | 2 U | 2.1 U |
| Indeno(1,2,3-cd)pyrene | 0.002 | 1 U | 1 U | 1 U | 1 U | 1 U |
| Isophorone | 50 | 2 U | 2 U | 2.1 U | 2 U | 2.1 U |
| Naphthalene | 10 | 1 U | 1 U | 1 U | 1 U | 1 U |
| Nitrobenzene | 0.4 | 2 U | 2 U | 2.1 U | 2 U | 2.1 U |
| N-Nitroso-di-n-propylamine | NS | 2 U | 2 U | 2.1 U | 2 U | 2.1 U |
| N-Nitrosodiphenylamine | 50 | 5 U | 5.1 U | 5.2 U | 5.1 U | 5.2 U |
| Pentachlorophenol | NS | 10 U |
| Phenanthrene | 50 | 1 U | 1 U | 1 U | 1 U | 1 U |
| Phenol | NS | 2 U | 2 U | 2.1 U | 2 U | 2.1 U |
| Pyrene | 50 | 1 U | 1 U | 1 U | 1 U | 1 U |

Table 10
Flushing Commons Phase 1

38-18 Union Street

Flushing, NY

Remedial Investigation Groundwater Analytical Results

Metals - Total & Dissolved

| Client ID Lab Sample ID Date Sampled | NYSDEC Class GA Ambient Standard | TW-1 JB58302-1 1/20/2014 | TW-1B JB58302-2 1/20/2014 | TW-2 JB58123-1 1/17/2014 | TW-3 JB58302-3 1/20/2014 | TW-4 JB58123-2 1/17/2014 |
|--|---|--------------------------------|---------------------------------|--------------------------------|--------------------------------|--------------------------------|
| Total Metals - µg/L | µg/L | | | | | |
| Aluminum | NS | 225 | 200 U | 603 | 200 U | 205 |
| Antimony | 3 | 6 U | 6 U | 6 U | 6 U | 6 U |
| Arsenic | 25 | 3 U | 3 U | 3 U | 3 U | 4.4 |
| Barium | 1,000 | 200 U | 200 U | 200 U | 200 U | 200 U |
| Beryllium | 3 | 1 U | 1 U | 1 U | 1 U | 1 U |
| Cadmium | 5 | 3 U | 3 U | 3 U | 3 U | 3 U |
| Calcium | NS | 94,100 | 98,400 | 199,000 | 56,400 | 51,500 |
| Chromium | 50 | 10 U | 10 U | 10 U | 10 U | 10 U |
| Cobalt | NS | 50 U | 50 U | 50 U | 50 U | 50 U |
| Copper | 200 | 10 U | 10 U | 10 U | 10 U | 10 U |
| Iron | 300 | 6,500 | 6,570 | 1,030 | 549 | 2,450 |
| Lead | 25 | 3 U | 3 U | 3 U | 3 U | 3 U |
| Magnesium | 35,000 | 56,700 | 59,300 | 92,200 | 27,800 | 23,600 |
| Manganese | 300 | 3,990 | 3,980 | 1,600 | 1,460 | 1,130 |
| Mercury | 0.7 | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U |
| Nickel | 100 | 21.5 | 21.7 | 12 | 14.6 | 11.5 |
| Potassium | NS | 10,000 U | 10,000 U | 10,000 U | 10,700 | 15,400 |
| Selenium | 10 | 10 U | 10 U | 10 U | 10 U | 10 U |
| Silver | 50 | 10 U | 10 U | 10 U | 10 U | 10 U |
| Sodium | 20,000 | 97,300 | 102,000 | 542,000 | 43,900 | 37,000 |
| Thallium | 0.5 | 2 U | 2 U | 2 U | 2 U | 2 U |
| Vanadium | NS | 50 U | 50 U | 50 U | 50 U | 50 U |
| Zinc | 2,000 | 20 U | 20 U | 20 U | 20 U | 20.2 |

Dissolved Metals - µg/L

| | | | | | | |
|-----------|--------|----------|----------|----------|--------|--------|
| Aluminum | NS | 200 U | 200 U | 625 | 200 U | 209 |
| Antimony | 3 | 6 U | 6 U | 6 U | 6 U | 6 U |
| Arsenic | 25 | 3 U | 3 U | 3.2 | 3 U | 3.5 |
| Barium | 1,000 | 200 U | 200 U | 200 U | 200 U | 200 U |
| Beryllium | 3 | 1 U | 1 U | 1 U | 1 U | 1 U |
| Cadmium | 5 | 3 U | 3 U | 3 U | 3 U | 3 U |
| Calcium | NS | 101,000 | 100,000 | 197,000 | 55,800 | 50,800 |
| Chromium | 50 | 10 U | 10 U | 10 U | 10 U | 10 U |
| Cobalt | NS | 50 U | 50 U | 50 U | 50 U | 50 U |
| Copper | 200 | 10 U | 10 U | 10 U | 10 U | 10 U |
| Iron | 300+ | 7,090 | 6,990 | 1,100 | 562 | 2,410 |
| Lead | 25 | 3 U | 3 U | 3 U | 3 U | 3 U |
| Magnesium | 35,000 | 61,400 | 61,300 | 91,100 | 27,500 | 23,300 |
| Manganese | 300+ | 3,460 | 3,510 | 1,610 | 1,560 | 1,090 |
| Mercury | 0.7 | 0.2 U | 0.2 U | 0.2 U | 0.2 | 0.2 U |
| Nickel | 100 | 21.9 | 22.2 | 12.3 | 14.8 | 11.3 |
| Potassium | NS | 10,000 U | 10,000 U | 10,000 U | 10,500 | 15,200 |
| Selenium | 10 | 10 U | 10 U | 10 U | 10 U | 10 U |
| Silver | 50 | 10 U | 10 U | 10 U | 10 U | 10 U |
| Sodium | 20,000 | 103,000 | 104,000 | 536,000 | 43,100 | 36,500 |
| Thallium | 0.5 | 2 U | 2 U | 2 U | 2 U | 2 U |
| Vanadium | NS | 50 U | 50 U | 50 U | 50 U | 50 U |
| Zinc | 2,000 | 20 U | 20 U | 20 U | 24 | 20 U |

Table 11
Flushing Commons Phase 1

38-18 Union Street

Flushing, NY

Remedial Investigation Groundwater Analytical Results

Polychlorinated Biphenyls & Pesticides

| Client ID Lab Sample ID Date Sampled | NYSDEC Class GA Ambient Standard | TW-1 JB58302-1 1/20/2014 | TW-1B JB58302-2 1/20/2014 | TW-2 JB58123-1 1/17/2014 | TW-3 JB58302-3 1/20/2014 | TW-4 JB58123-2 1/17/2014 |
|--|---|--------------------------------|---------------------------------|--------------------------------|--------------------------------|--------------------------------|
| Polychlorinated Biphenyls - µg/L | µg/L | | | | | |
| Aroclor 1016 | NS | 0.053 U | 0.053 U | 0.056 U | 0.05 U | 0.05 U |
| Aroclor 1221 | NS | 0.053 U | 0.053 U | 0.056 U | 0.05 U | 0.05 U |
| Aroclor 1232 | NS | 0.053 U | 0.053 U | 0.056 U | 0.05 U | 0.05 U |
| Aroclor 1242 | NS | 0.053 U | 0.053 U | 0.056 U | 0.05 U | 0.05 U |
| Aroclor 1248 | NS | 0.053 U | 0.053 U | 0.056 U | 0.05 U | 0.05 U |
| Aroclor 1254 | NS | 0.053 U | 0.053 U | 0.056 U | 0.05 U | 0.05 U |
| Aroclor 1260 | NS | 0.053 U | 0.053 U | 0.056 U | 0.05 U | 0.05 U |
| Aroclor 1268 | NS | 0.053 U | 0.053 U | 0.056 U | 0.05 U | 0.05 U |
| Aroclor 1262 | NS | 0.053 U | 0.053 U | 0.056 U | 0.05 U | 0.05 U |
| Total PCBs | 0.09 | ND | ND | ND | ND | ND |

Pesticides - µg/L

| | | | | | | |
|---------------------|-------|----------|----------|----------|---------|---------|
| 4,4'-DDD | 0.3 | 0.0011 U | 0.0011 U | 0.0011 U | 0.001 U | 0.001 U |
| 4,4'-DDE | 0.2 | 0.0011 U | 0.0011 U | 0.0011 U | 0.001 U | 0.001 U |
| 4,4'-DDT | 0.2 | 0.0011 U | 0.0011 U | 0.0011 U | 0.001 U | 0.001 U |
| Aldrin | ND | 0.0011 U | 0.0011 U | 0.0011 U | 0.001 U | 0.001 U |
| alpha-BHC | 0.01 | 0.0011 U | 0.0011 U | 0.0011 U | 0.001 U | 0.001 U |
| alpha-Chlordane | 0.05 | 0.0011 U | 0.0011 U | 0.0011 U | 0.001 U | 0.001 U |
| beta-BHC | 0.04 | 0.0011 U | 0.0011 U | 0.0011 U | 0.001 U | 0.001 U |
| delta-BHC | 0.04 | 0.0011 U | 0.0011 U | 0.0011 U | 0.001 U | 0.001 U |
| Dieldrin | 0.004 | 0.0011 U | 0.0011 U | 0.0026 | 0.001 U | 0.001 U |
| Endosulfan sulfate | NS | 0.0011 U | 0.0011 U | 0.0011 U | 0.001 U | 0.001 U |
| Endosulfan-I | NS | 0.0011 U | 0.0011 U | 0.0011 U | 0.001 U | 0.001 U |
| Endosulfan-II | NS | 0.0011 U | 0.0011 U | 0.0011 U | 0.001 U | 0.001 U |
| Endrin | ND | 0.0011 U | 0.0011 U | 0.0011 U | 0.001 U | 0.001 U |
| Endrin aldehyde | 5 | 0.0011 U | 0.0011 U | 0.0011 U | 0.001 U | 0.001 U |
| Endrin ketone | 5 | 0.0011 U | 0.0011 U | 0.0011 U | 0.001 U | 0.001 U |
| gamma-BHC (Lindane) | 0.05 | 0.0011 U | 0.0011 U | 0.0011 U | 0.001 U | 0.001 U |
| gamma-Chlordane | 0.05 | 0.0011 U | 0.0011 U | 0.0011 U | 0.001 U | 0.001 U |
| Heptachlor | 0.04 | 0.0011 U | 0.0011 U | 0.0011 U | 0.001 U | 0.001 U |
| Heptachlor epoxide | 0.03 | 0.0011 U | 0.0011 U | 0.0011 U | 0.001 U | 0.001 U |
| Methoxychlor | 35 | 0.0021 U | 0.0021 U | 0.0022 U | 0.002 U | 0.002 U |
| Toxaphene | 0.06 | 0.027 U | 0.026 U | 0.028 U | 0.025 U | 0.025 U |

Table 12
Flushing Commons Phase 1
38-18 Union Street
Flushing, NY

Remedial Investigation Soil Vapor and Ambient Air Analytical Results
Volatile Organic Compounds

| Client ID | NYSDOH 2006 | SV-1 | SV-2 | SV-3 | SV-4 | SV-5 | SV-6 | AA-1 |
|----------------------------|-------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Lab Sample ID | Soil Vapor | JB58217-4 | JB58217-6 | JB58217-2 | JB58217-1 | JB58217-5 | JB58217-3 | JB58217-7 |
| Date Sampled | Intrusion | 1/20/2014 | 1/20/2014 | 1/20/2014 | 1/20/2014 | 1/20/2014 | 1/20/2014 | 1/20/2014 |
| | Air Guideline | | | | | | | |
| µg/m3 | Value | | | | | | | |
| | µg/m ³ | | | | | | | |
| 1,1,1-Trichloroethane | 100 | 0.6 J | 1.1 U |
| 1,1,2,2-Tetrachloroethane | NS | 1.4 U |
| 1,1,2-Trichloroethane | NS | 1.1 U |
| 1,1-Dichloroethane | NS | 0.81 U |
| 1,1-Dichloroethylene | NS | 0.79 U |
| 1,2,4-Trichlorobenzene | NS | 1.5 U |
| 1,2,4-Trimethylbenzene | NS | 1.3 | 2 | 2.4 | 1.2 | 4.8 | 7.9 | 0.59 J |
| 1,2-Dibromoethane | NS | 1.5 U |
| 1,2-Dichloroethane | NS | 0.81 U |
| 1,2-Dichloropropane | NS | 0.92 U |
| 1,3,5-Trimethylbenzene | NS | 0.98 U | 0.64 J | 0.64 J | 0.48 J | 2 | 3.3 | 0.98 U |
| 1,3-Butadiene | NS | 0.44 U |
| 1,4-Dioxane | NS | 0.72 U |
| 2,2,4-Trimethylpentane | NS | 3.3 | 0.65 J | 0.84 J | 7 | 0.93 | 1.5 | 0.65 J |
| 2-Chlorotoluene | NS | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 2-Hexanone | NS | 0.82 U | 1.3 | 0.82 U |
| 3-Chloropropene | NS | 0.63 U |
| 4-Ethyltoluene | NS | 0.98 U | 0.54 J | 0.47 J | 0.98 U | 1.6 | 2.3 | 0.98 U |
| Acetone | NS | 67 | 52 | 86.9 | 62.2 | 81.2 | 60.1 | 7.4 |
| Benzene | NS | 3.5 | 2 | 1.9 | 3.2 | 1.6 | 2 | 1.6 |
| Benzyl Chloride | NS | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| Bromodichloromethane | NS | 1.3 U |
| Bromoethene | NS | 0.87 U |
| Bromoform | NS | 2.1 U |
| Bromomethane | NS | 0.78 U |
| Carbon disulfide | NS | 4.7 | 1.1 | 1.8 | 3.1 | 0.81 | 4.7 | 0.62 U |
| Carbon tetrachloride | 5 | 1.3 U |
| Chlorobenzene | NS | 0.92 U |
| Chloroethane | NS | 0.53 U | 0.84 | 0.53 U |
| Chloroform | NS | 1.4 | 0.98 U | 0.98 U | 4.4 | 0.98 U | 0.98 U | 0.98 U |
| Chloromethane | NS | 0.78 | 0.41 U | 0.25 J | 0.33 J | 0.35 J | 0.25 J | 1.1 |
| cis-1,2-Dichloroethylene | NS | 0.71 J | 0.79 U |
| cis-1,3-Dichloropropene | NS | 0.91 U |
| Cyclohexane | NS | 0.69 | 0.69 U | 0.69 U | 8.9 | 0.52 J | 2.3 | 0.69 U |
| Dibromochloromethane | NS | 1.7 U |
| Dichlorodifluoromethane | NS | 3.6 | 3.2 | 3.8 | 4 | 3.7 | 3.2 | 2.9 |
| Ethanol | NS | 209 E | 138 E | 269 E | 59 | 152 E | 39.8 | 19.4 |
| Ethyl Acetate | NS | 3.6 | 2.7 | 3.6 | 1.7 | 3.2 | 0.83 | 3.6 |
| Ethylbenzene | NS | 2.3 | 2.6 | 2.3 | 2.6 | 5.6 | 11 | 0.52 J |
| Freon 113 | NS | 49 | 8.4 | 13 | 64 | 18 | 8.4 | 2.8 |
| Freon 114 | NS | 1.4 U |
| Heptane | NS | 3.4 | 1.1 | 0.94 | 5.3 | 1.2 | 2.1 | 0.57 J |
| Hexachlorobutadiene | NS | 2.1 U |
| Hexane | NS | 9.9 | 2.3 | 2.8 | 17 | 3.3 | 5.6 | 1.8 |
| Isopropyl Alcohol | NS | 3.9 | 5.7 | 7.4 | 0.49 U | 2.9 | 2.7 | 2.9 |
| m,p-Xylene | NS | 7.8 | 10 | 8.3 | 8.7 | 20 | 42 | 1.9 |
| m-Dichlorobenzene | NS | 1.2 U | 0.84 J | 1.2 U | 1.2 U | 0.96 J | 1.2 U | 1.2 U |
| Methyl ethyl ketone | NS | 0.94 | 1.7 | 1.2 | 1.9 | 1.5 | 5.6 | 0.8 |
| Methyl Isobutyl Ketone | NS | 0.82 U | 2.1 | 0.82 U |
| Methyl Tert Butyl Ether | NS | 0.72 U |
| Methylene chloride | 60 | 15 | 6.6 | 4.5 | 54.9 | 8.3 | 9 | 4.9 |
| Methylmethacrylate | NS | 0.82 U | 0.82 U | 0.82 U | 0.82 U | 2.6 | 0.82 U | 0.82 U |
| o-Dichlorobenzene | NS | 1.2 U |
| o-Xylene | NS | 2.2 | 2.9 | 2.5 | 3 | 9.1 | 18 | 0.65 J |
| p-Dichlorobenzene | NS | 1.2 U |
| Propylene | NS | 8.8 | 0.86 U | 5 | 0.86 U | 2.2 | 0.86 U | 0.86 U |
| Styrene | NS | 0.85 U | 0.85 U | 0.85 U | 0.85 U | 0.43 J | 0.98 | 0.85 U |
| Tertiary Butyl Alcohol | NS | 1.3 | 1.6 | 2.2 | 0.7 | 1.2 | 1.7 | 0.61 U |
| Tetrachloroethylene | 30 | 8.8 | 3.2 | 0.45 | 104 | 74.6 | 10 | 1.2 |
| Tetrahydrofuran | NS | 0.59 U | 0.59 U | 0.59 U | 0.59 U | 0.35 J | 0.59 U | 0.59 U |
| Toluene | NS | 14 | 5.7 | 4.9 | 14 | 11 | 16 | 3.1 |
| trans-1,2-Dichloroethylene | NS | 0.79 U |
| trans-1,3-Dichloropropene | NS | 0.91 U |
| Trichloroethylene | 5 | 0.7 | 0.21 U | 0.21 U | 0.64 | 0.45 | 0.14 J | 0.21 U |
| Trichlorofluoromethane | NS | 7.3 | 2.8 | 2.7 | 3 | 3.8 | 2.3 | 1.6 |
| Vinyl Acetate | NS | 0.7 U |
| Vinyl chloride | NS | 0.51 U |
| Xylenes (total) | NS | 10 | 13 | 11 | 12 | 30 | 59.5 | 2.5 |

Table 13
Flushing Commons Phase 1
38-18 Union Street
Flushing, NY
 Summary of Analytical Methods

| Matrix | Number of Samples | Analytical Parameters | Analytical Methods | Number of Duplicate Samples | Number of Trip Blanks |
|---------------|--------------------------|---|---|------------------------------------|------------------------------|
| Soil | 20 | VOCs, SVOCs, PCBs, pesticides, and metals | 8260C, 8270D, 8082A, 8081B, 6010C and 7471B | 1 | 2 |
| Groundwater | 4 | VOCs, SVOCs, PCBs, pesticides, and metals | 8260C, 8270D, 8082A, 8081B, 6010C and 7471B | 1 | 0 |
| Soil Vapor | 6 | VOCs | TO15 | 0 | 0 |
| Ambient Air | 1 | VOCs | TO15 | 0 | 0 |

Notes:

VOCs - Volatile Organic Compounds

SVOCs - Semivolatile Organic Compounds

PCBs - Polychlorinated Biphenyls

Tables 1-13
Flushing Commons
38-18 Union Street
Flushing, NY
Remedial Investigation Analytical Results
Notes

GENERAL

- NS** : No cleanup objective listed.
- ND** : No Detect/Not Detected.
- U** : The analyte was not detected at the indicated concentration
- J** : The concentration given is an estimated value.
- B** : Indicates analyte found in associated method blank.

SOIL

Exceedences of Part 375 Unrestricted SCOs are highlighted in bold font.

Exceedences of Part 375 Restricted Residential SCOs are highlighted in gray.

Sample SB-7B (49-51) is a field duplicate of SB-7 (49-51)

Part 375 Soil Cleanup Objectives : Soil Clean-up Objectives listed in NYSDEC (New York State Department of Environmental Conservation) "Part 375" Regulations (6 NYCRR Part 375).

µg/kg : micrograms per kilogram = parts per billion (ppb)

mg/kg : milligrams per kilogram = parts per million (ppm)

GROUNDWATER

Exceedences of NYSDEC Clas GA Ambient Standard are highlighted in bold font.

Sample TW-1B is a field duplicate of TW-1

NYSDEC Class GA Ambient Standard : New York State Department of Environmental Conservation Technical and Operational Guidance Series (1.1.1): Class GA Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations.

µg/L : micrograms per Liter = parts per billion (ppb)

SOIL VAPOR

Exceedences of NYSDOH Soil Vapor Intrusion Air Guidance Values are highlighted in gray

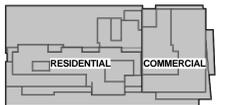
NYSDOH Soil Vapor Intrusion Air Guidance Value : NYSDOH Air Guideline Values (AGVs) presented in the Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York, dated October 2006 ("NYSDOH Vapor Intrusion Guidance Document").

µg/m³ : micrograms per cubic meter of air

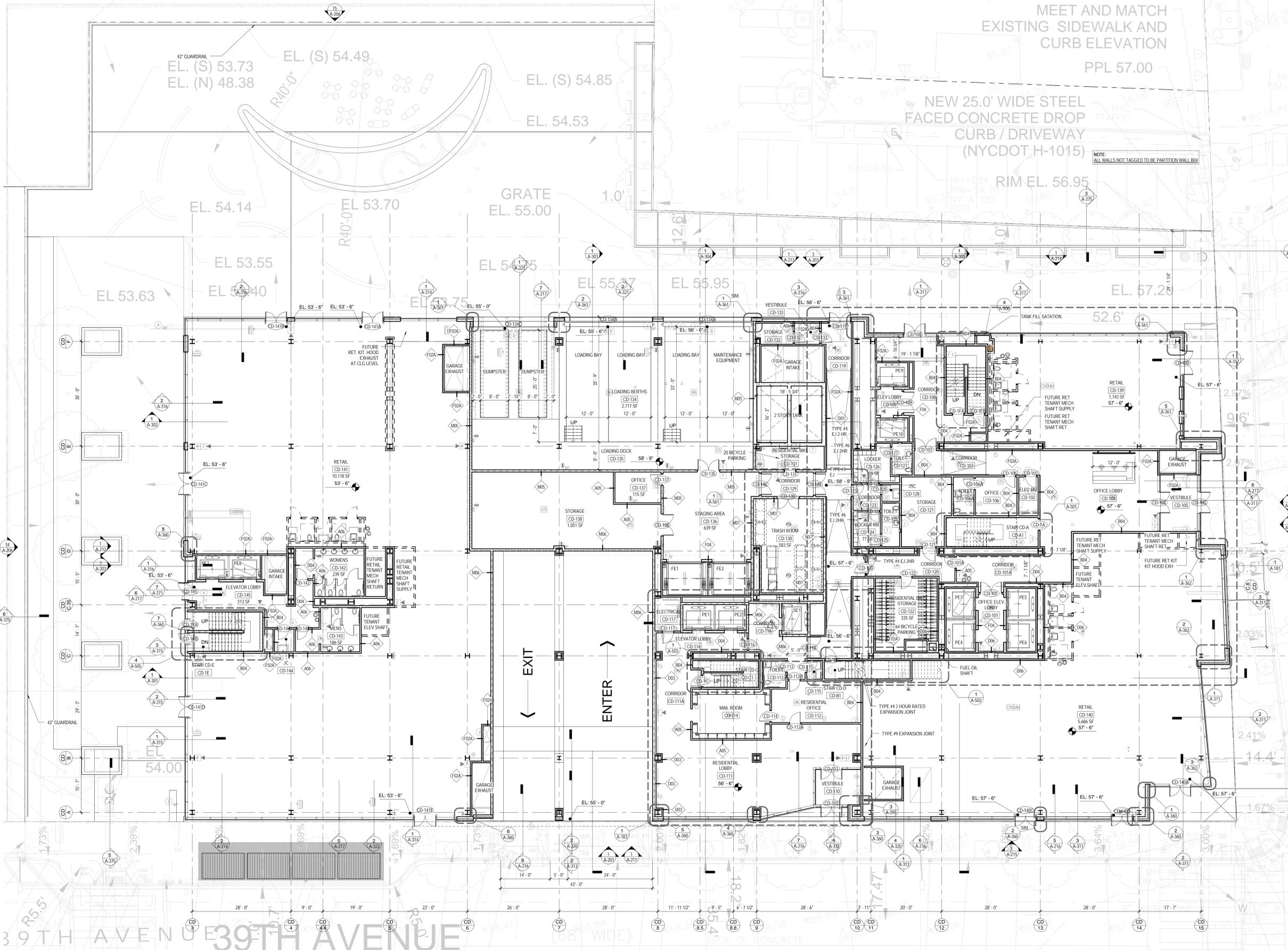
Appendix 1
PROPOSED DEVELOPMENT PLANS

37TH STREET
37TH AVENUE (68' WIDE)

| | | |
|------------|--------------------------------|-------|
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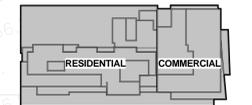


39TH AVENUE (68' WIDE)
39TH AVENUE

MEET AND MATCH
EXISTING SIDEWALK AND
CURB ELEVATION
PPL 57.00
NEW 25.0' WIDE STEEL
FACED CONCRETE DROP
CURB / DRIVEWAY
(NYCDOT H-1015)
RIM EL. 56.95

NOTE:
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PROJECT TITLE:
FLUSHING COMMONS

PHASE 1

38-18 Union Street
Flushing, NY 11354

PROJECT No: 48660.00
DOB No:

DRAWING TITLE:
1ST FLOOR PLAN
PLAZA LEVEL

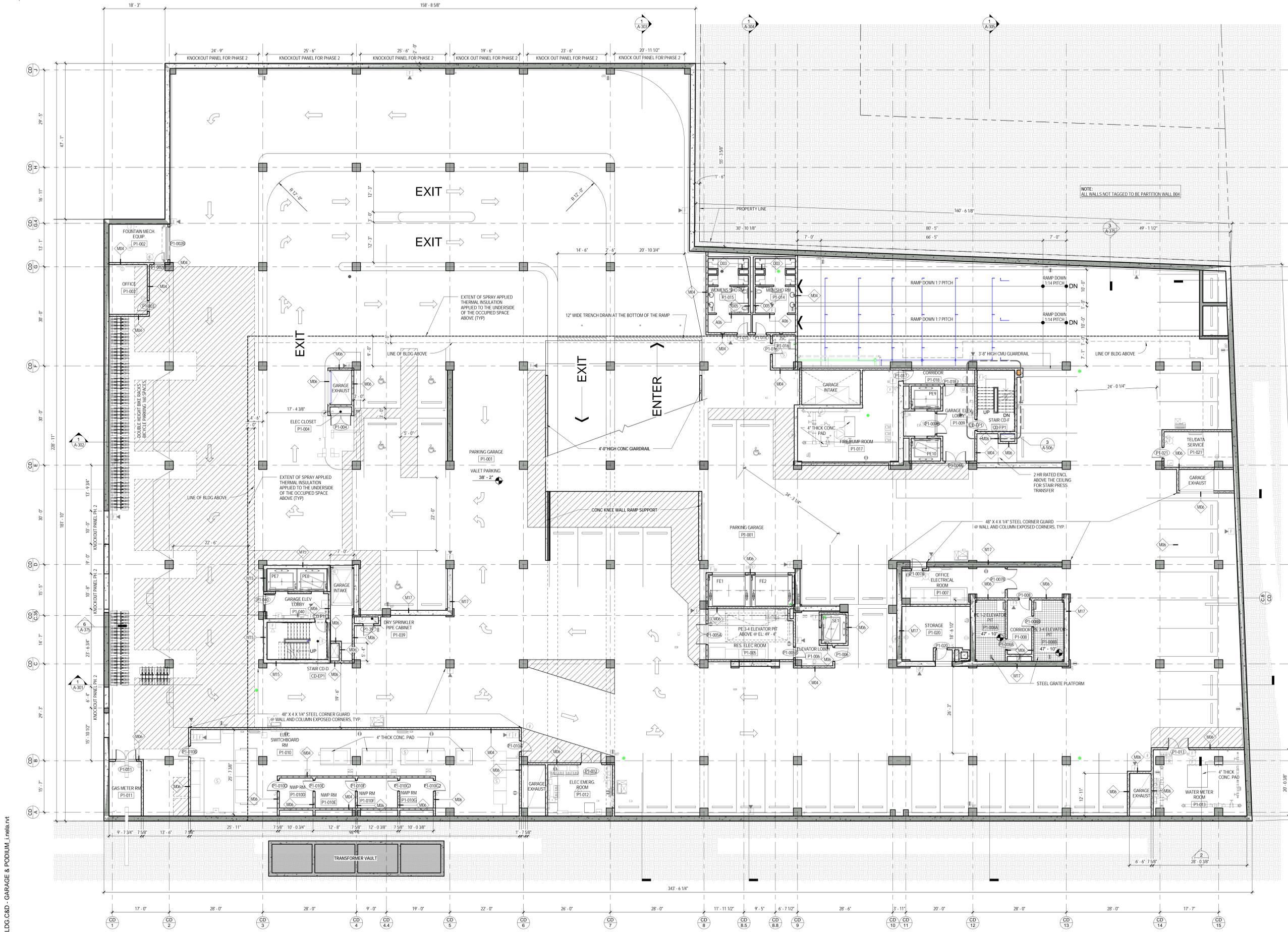
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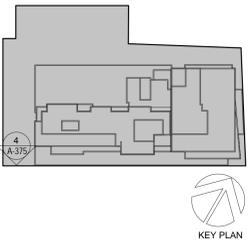
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332' x 10'

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P1 - PARKING FLOOR PLAN

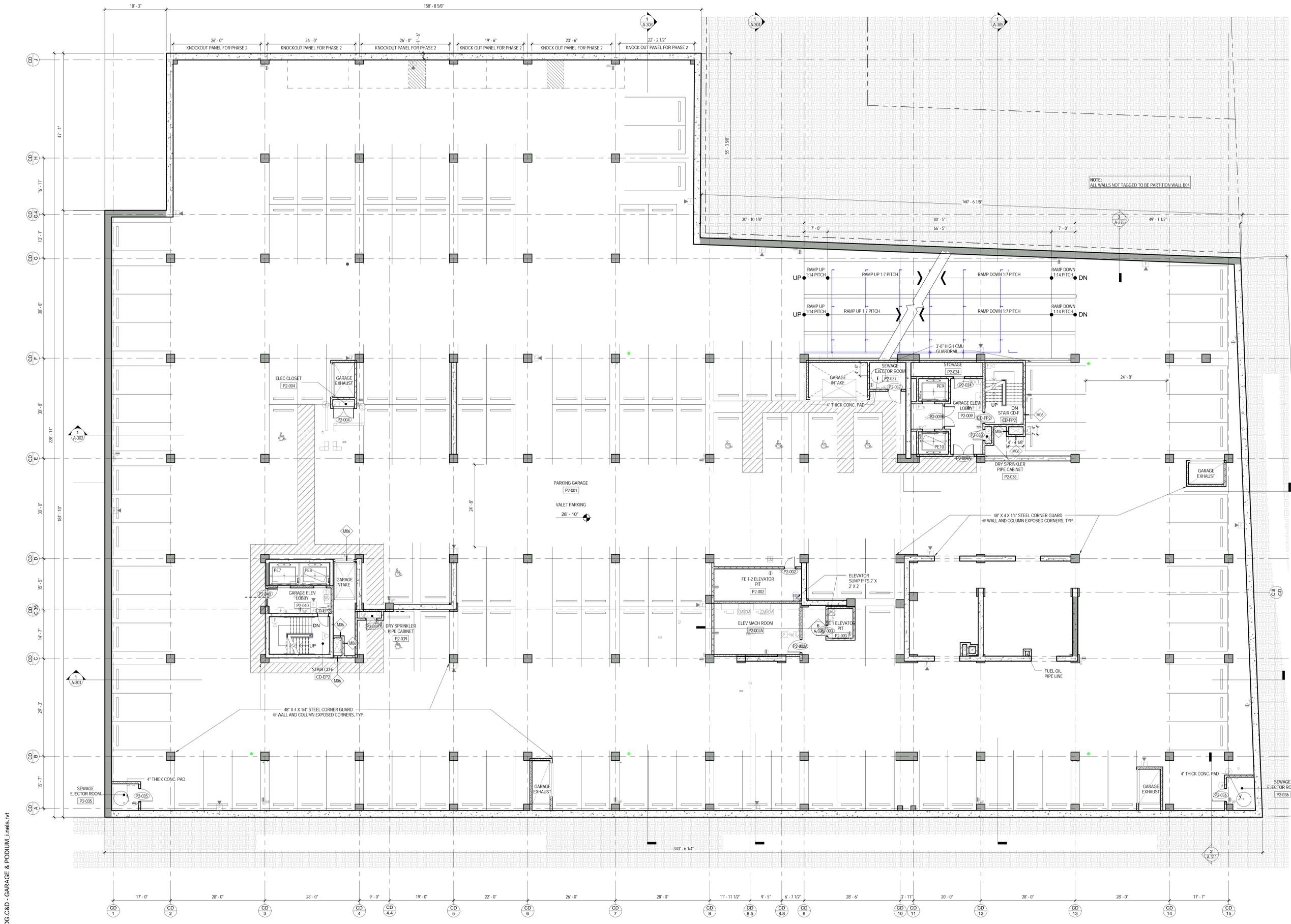
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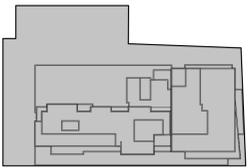
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 3/32" = 1'-0"

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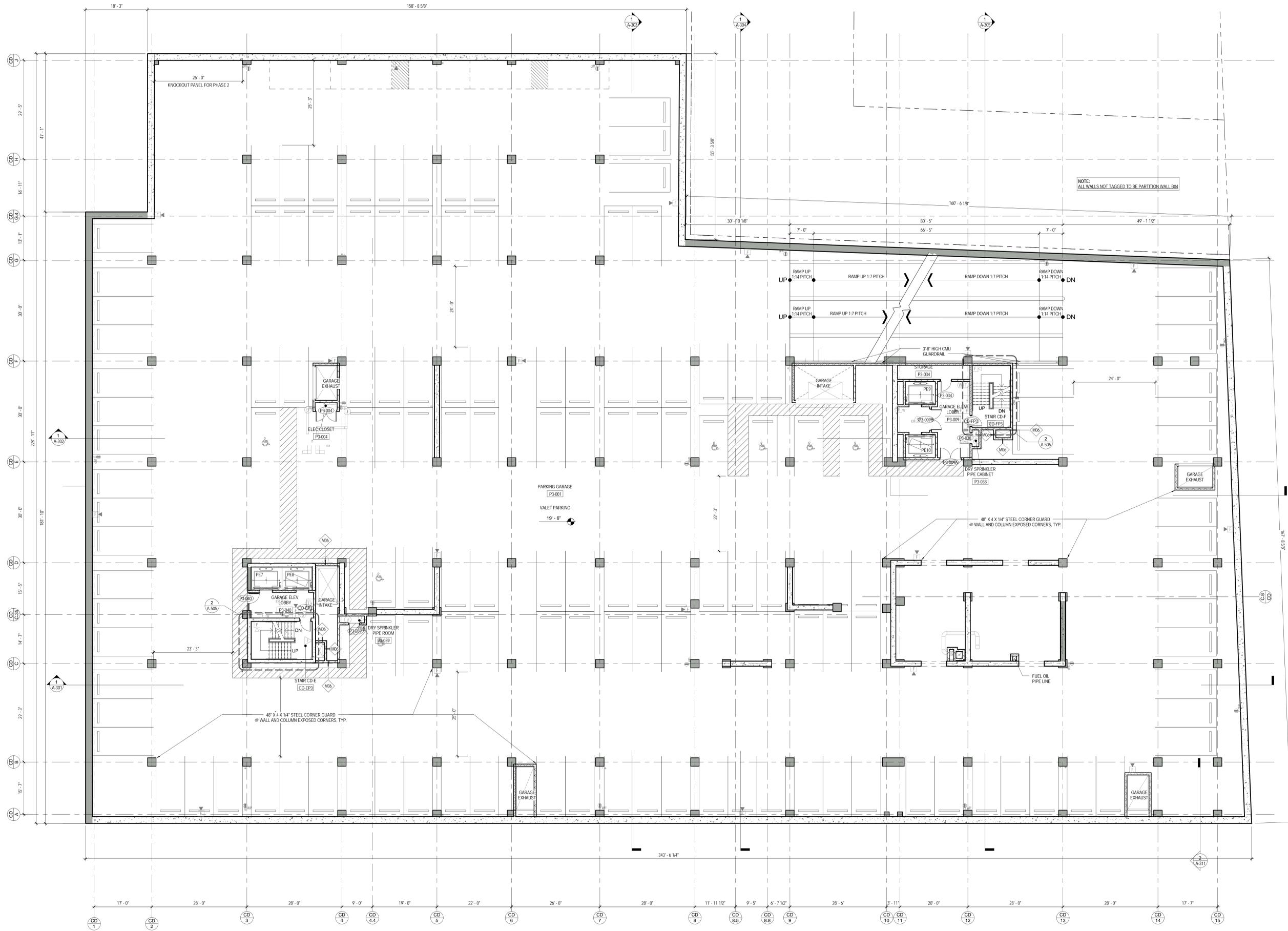
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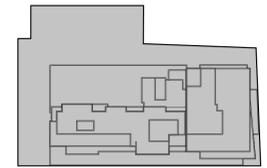
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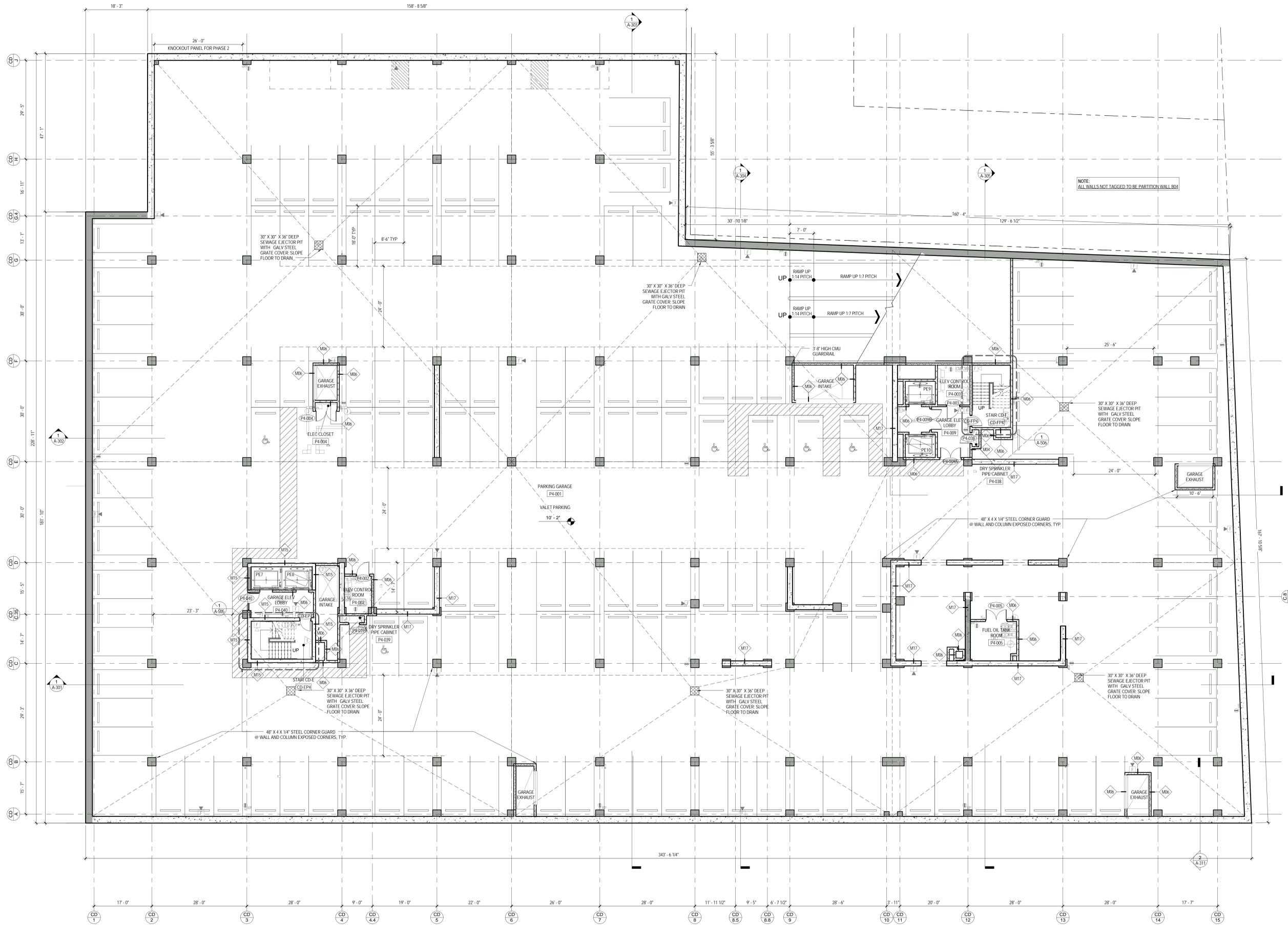
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 3/32" = 1'-0"

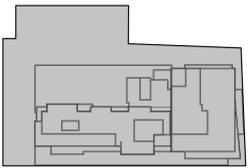
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PROJECT TITLE:
FLUSHING COMMONS

PHASE 1

38-18 Union Street
Flushing, NY 11354

PROJECT No: 48660.00
DOB No:

DRAWING TITLE:
P4 - PARKING LEVEL PLAN

SCALE: As indicated PAGE: OF

A-097.00

DOB SCAN STICKER

1 P4 - PARKING LEVEL PLAN
3/32" = 1'-0"

SEAL

Appendix 2
PHASE I ENVIRONMENTAL SITE ASSESSMENT

(ELECTRONIC COPY ONLY)

Flushing Commons

Flushing, New York

PHASE I ENVIRONMENTAL ASSESSMENT

AKRF Project: Number 10677



Prepared for:

Flushing Commons, LLC
TDC Development and Construction Group
133-32 41st Road
Flushing, NY 11355



440 Park Avenue South, 7th Floor
New York, New York 10016
(212) 696-0670

October 2005

October 17, 2005

Mr. Michael Meyer
Flushing Commons, LLC
TDC Development and Construction Group
133-32 41st Road
Flushing, NY 11355

**Re: Phase I Environmental Site Assessment
Flushing Commons, Flushing, NY
AKRF Project Number 10677**

Dear Mr. Meyer:

AKRF, Inc. is pleased to submit this Phase I Environmental Site Assessment Report for the above-referenced site. This report includes the findings of a site inspection, an evaluation of available historical information, and the interpretation of relevant federal and state environmental databases. We appreciate the opportunity to provide you with our services. If you should have any questions or comments regarding the enclosed report, please do not hesitate to contact us.

Sincerely,
AKRF, Inc.

Marcus Simons
Senior Vice President

Mike Plumb
Environmental Engineer

Enc.

CC: Alan Stein, Rockefeller Group Development Corporation

EXECUTIVE SUMMARY

AKRF, Inc. (AKRF) was retained by Flushing Commons, LLC to perform an Environmental Site Assessment of the New York City Department of Transportation parking facility occupying the block bounded by 37th Avenue, Union Street, 39th Avenue, and 138th Street in Flushing, New York.

The objective of this assessment was to identify any potential environmental concerns associated with the site resulting from past or current usage of the site, as well as similar usage of neighboring properties. This Phase I Environmental Site Assessment was performed in accordance with customary principles and practices in the environmental consulting industry, and in conformance with the scope and limitations of ASTM Standard E1527-00, *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Practice*. Any exceptions to, or deletions from, this practice are described in Sections 6.0 and 8.0 of this report. This assessment revealed the following observations and recognized environmental conditions in connection with the property:

- Sanborn maps indicated that the project site was part of a residential neighborhood on the earliest map from 1886. Some time between 1886 and 1897 most of the vacant land in the area became residential property. By 1917 the subject property had begun a transformation from residential to commercial property; a trend that continued through 1964/1965 when the current New York City Department of Transportation parking facility was constructed. The surrounding area has been a commercial/residential community since the earliest map from 1886.
- Based upon the age of the parking structure, suspect asbestos-containing materials (ACMs) may be present. Asbestos may be present in the ceiling and floor tiles (which may be in the storage areas), spray-applied fireproofing, spray or trowel-applied surfacing materials, plaster, sheetrock, and a range of other materials. Prior to any renovation or demolition activities with the potential to disturb suspect ACMs, an asbestos survey should be conducted. If these materials prove to contain asbestos, they should be properly removed and disposed of in accordance with all state and federal regulations.
- Lead-based paint may be present on the parking structure (8,000 pounds of lead waste were removed from the site in 1995, presumably relating to lead-based paint abatement). Painted surfaces observed on the structure were noted to be in fair to good condition. Any renovation or demolition activities with the potential to disturb lead-based paint must be performed in accordance with the applicable Occupational Safety and Health Administration regulation (OSHA 29 CFR 1926.62 - *Lead Exposure in Construction*). Current New York State Department of Environmental Conservation guidance permits the disposal of construction materials covered with lead-based paint as demolition debris within an approved landfill.
- Fluorescent lights and lighting fixtures observed during the site inspection may include polychlorinated biphenyl (PCB)- and/or mercury-containing components (including capacitors and potting compounds). Potential suspect mercury-containing fluorescent lights and suspect PCB-containing lighting fixtures do not currently present a potential hazard to human health. Unless there is labeling or test data which indicates that they are not mercury- and/or PCB-containing, if disposal is required, it should be performed in accordance with applicable federal, state and local regulations and guidelines.
- This site could be underlain by urban fill material of unknown origin, which could include construction and demolition debris, abandoned petroleum storage tanks from former buildings and/or other materials.
- The regulatory databases, historical land-use atlases, and visual site inspection indicated that the subject property and surrounding neighborhood have an approximately 120-year history of

residential, commercial, and light manufacturing development. The off-site use of chemicals or hazardous substances at current or former commercial and manufacturing facilities in the surrounding properties have the potential to affect local groundwater quality.

- The Macedonian African Methodist Episcopal (A.M.E.) Church is the only property on the subject block not part of the proposed development site. No hazardous material spills or hazardous waste generation were noted for the church property in the records review; however, based on the age of the building, lead based paint and asbestos may be present. The church was not surveyed for lead based paint or asbestos containing materials as part of this Phase I Environmental Site Assessment.

Based on the results of this assessment, the following recommendations are noted:

- Soil excavated from the subject property for site development purposes may contain fill materials of unknown origin. Excavated materials should be disposed of and transported off-site in accordance with all applicable regulations. A Phase II Investigation is recommended to determine, at a minimum, appropriate disposal of material to be excavated for redevelopment of the site and the quality of the site's groundwater, should dewatering be required for construction. A groundwater sample should be analyzed to insure it meets the New York City Department of Environmental Protection (NYC DEP) criteria for effluent to municipal sewers.

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- Appendix A - Photographic Documentation
- Appendix B - Historical Sanborn Maps
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1.0 INTRODUCTION

AKRF, Inc. (AKRF) was retained by Flushing Commons, LLC to perform an Environmental Site Assessment of the New York City Department of Transportation parking facility occupying the block bounded by 37th Avenue, Union Street, 39th Avenue, and 138th Street in Flushing, New York. The Macedonian African Methodist Episcopal (A.M.E.) Church is the only property on the subject block not part of the proposed development site. The site is surrounded primarily by commercial/retail properties.

The scope of services for this assessment included the following:

- Visual observations of the project site and surrounding property were made to identify potential sources or indications of chemical contamination. The potential sources of contamination included, but were not limited to, underground storage tanks (USTs), aboveground storage tanks (ASTs), objects that could contain polychlorinated biphenyls (PCBs), and areas where hazardous materials were used, stored, treated, generated and/or disposed. Indications of chemical contamination include stained surfaces and chemical odors.

In addition, readily-observable portions of the properties immediately adjacent to the study site were viewed from public rights-of-way to identify or determine the likelihood of any of the aforementioned potential sources of contamination being present.

- Published geological and groundwater information was obtained from available sources to determine the possibility of contamination from off-site sources.
- A limited visual inspection of the property in readily accessible areas was conducted to identify and evaluate the condition of any suspect asbestos-containing materials (ACMs) on-site. No samples of suspect materials were collected for analysis as part of this assessment.
- The structure/property was evaluated for the potential presence of lead-based paint, and the condition of painted surfaces in accessed areas was assessed. No samples were collected for analysis as part of this assessment.
- A review of radon concentrations in Queens County (Queens) was conducted to determine whether radon levels in the general area comply with United States Environmental Protection Agency (USEPA) guidelines.
- Historical land use atlases for the site and adjacent properties were reviewed to evaluate previous land use.
- The following federal regulatory databases were reviewed to determine the regulatory status of the site, adjacent properties, and properties within a predetermined study area; National Priority List (NPL); Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS); Emergency Response Notification System (ERNS); Toxic Chemical Release Inventory System (TRIS); the Permit Compliance System of Toxic Wastewater Discharges (WWD); the USEPA Civil Enforcement Docket; and the Brownfield Cleanup Program (BCP). The federal listing of facilities which are subject to corrective action under the Resource Conservation and Recovery Act (CORRACTS) is discussed with the State databases of RCRA listings.
- The following state regulatory databases were reviewed to determine the regulatory status of the site, adjacent properties, and properties within a predetermined study area; the listings of hazardous material spills (SPILLS); Resource Conservation and Recovery Act Notifiers (RCRA); Chemical Bulk Storage (CBS); Solid Waste Facilities (SWF); Petroleum Bulk Storage (PBS); State Inactive

Hazardous Waste Disposal Sites (SHWS); Major Oil Storage Facilities (MOSF); Air Discharge Facilities (ADF); and the Brownfield Cleanup Program.

2.0 PHYSICAL SITE DESCRIPTION

Visual inspection of the site and adjacent areas was performed on October 10, 2005 by Mike Plumb of AKRF. At the time of the inspection, the weather was overcast with light rain and approximately 60°F. The parking structure was well lit throughout. The project site was inspected for the presence of stained surfaces and soil, storage tanks, drums, leaking pipes, transformers, or other evidence of hazardous material usage and storage on-site. Access to the two storage areas underneath the ramps to the second floor of the parking structure was not available at the time of the site inspection. Photographs documenting the conditions during the site inspection are included in Appendix A.

2.1 General Site Conditions

The project site is an approximately 4.9 acre New York City Department of Transportation (NYCDOT) parking facility. The western portion of the property is a two-story parking structure. The eastern portion of the property is a parking lot. The only other structure on the block is the Macedonian African Methodist Episcopal Church on Union Street. The subject property is bounded to the north by 37th Avenue, to the east by Union Street, to the south by 39th Avenue and to the west by 138th Street.

The subject property includes 1,143 metered parking spaces. The pavement appeared to be in good condition.

No vent pipes, fill caps, concrete or asphalt patches, indicative of underground storage tanks (USTs), were observed at the subject site. No vegetation or landscaped areas were present within the subject property.

2.2 Topography and Hydrogeology

The surface topography of the project site is generally level, sloping gently down to the west. Based on the U.S. Geological Survey Flushing, New York topographic map, the property lies at an elevation of approximately 50 feet above the National Geodetic Vertical Datum of 1929 (an approximation of mean sea level). Based on the U.S. Geological Survey Open File Report 81-1186, depth to groundwater may range from 40 feet to 45 feet; however, recent excavation at the west-adjacent construction site, at the intersection of 138th Street and 39th Avenue, has reportedly encountered groundwater at significantly shallower depths.

Groundwater most likely flows in a westerly direction toward the Flushing Creek, approximately 1,750 feet to the west. However, actual groundwater flow at the site can be affected by many factors including past filling activities or pumping, and other factors beyond the scope of this study.

2.3 Storage Tanks

2.3.1 Underground Storage Tanks (USTs)

During the site inspection, no evidence, such as vent pipes, fill caps, or concrete patches, was observed that would indicate past or present underground storage tanks (USTs) being located at the subject property. Buildings Department Block and Lot files did not include any documents relating to USTs on the subject property. New York City Fire Department records were not reviewed as part of this assessment, but would not have

been likely to have provided additional pertinent information, given the site's history and the Building Department records. Off-site USTs are discussed in Section 4.2.2.

2.3.2 Aboveground Storage Tanks (ASTs)

No evidence, such as concrete foundations, containment walls, pedestals, or steel support structures, was observed during the site visit to indicate that aboveground storage tanks (ASTs) were located on-site either at the time of the inspection or in the past. A review of the State regulatory records did not cite any aboveground storage tanks (ASTs) for the subject property. Off-site aboveground storage tanks are discussed in Section 4.2.2.

2.4 Polychlorinated Biphenyls (PCBs)

Prior to 1979, polychlorinated biphenyls (PCBs) were widely used for their cooling properties in electrical equipment such as transformers, capacitors, switches and voltage regulators. Depending upon their age, fluorescent lighting fixtures observed in the parking structure may include PCB-containing components, including capacitors, and potting compounds. No evidence of leaks or stains from these lighting fixtures was observed and, as such, they do not currently present a potential health hazard.

2.5 Lead-Based Paint

The use of lead-based paint in commercial structures was severely restricted by the Consumer Products Safety Commission in 1977. Lead-based paint is potentially hazardous when in a deteriorating condition (i.e. chipped, broken, crumbling, pulverized); lead is potentially harmful to humans, particularly children, if ingested, inhaled or otherwise absorbed.

Based on the age of the parking structure, lead-based paint may be present. Regulatory records indicate 8,000 pounds of lead waste were removed from the site by NYCDOT (presumably relating to lead-based paint abatement) in 1995. Any renovation or demolition activities with the potential to disturb lead-based paint must be performed in accordance with the applicable Occupational Safety and Health Administration regulation (OSHA 29 CFR 1926.62 - Lead Exposure in Construction).

2.6 Utilities

Consolidated Edison (Con Ed) provided electricity to the study site and surrounding area. Storm drains observed on the subject property are likely connected to the municipal sewer system.

2.7 Waste Management and Chemical Handling

At the time of the site visit by AKRF, no wastes were observed being generated other than general trash and refuse.

2.8 Radon

Radon is a colorless, odorless gas produced by the radioactive decay of certain elements. The most common sources of radon are igneous and metamorphic rocks containing uranium (such as pitchblende), granite, shale, or phosphate, as well as soils or sediments derived from these parent materials. Radon may also be found in soils contaminated with certain industrial wastes (such as uranium or phosphate mine tailings) or in earth-derived building products which include industrial wastes that contain phosphate slag. In areas where the potential for radon accumulation is high, special ventilation systems may offset potential health hazards.

According to data compiled by the Bureau of Radiation Protection, a division of the New York State Department of Health, New York County, Queens, has an average level of basement radon concentration of 1.2 picoCuries/liter. The USEPA recommended action level is 4.0 picoCuries/liter.

3.0 ADJACENT LAND USE

The property is bounded to the north by 37th Avenue, to the east by Union Street, to the south by 39th Avenue and to the west by 138th Street. The Macedonian African Methodist Episcopal (A.M.E.) Church is east-adjacent to the development site and the only other property on the block not part of the parking facility. To the north, across 37th Avenue, there is an 11-story residential complex. The New York Police Department 109th Precinct is east of the subject property, across Union Street. The southwestern property across 138th Street is a construction site. The remainder of the properties surrounding the project site are primarily residential and commercial/retail properties.

4.0 SITE HISTORY AND RECORDS REVIEW

4.1 Prior Ownership and Usage

4.1.1 Historical Land Use maps

Historical insurance maps were reviewed for indications of industrial usage or other evidence suggesting the use or disposal of hazardous materials on or adjacent to the subject property. Specifically, Sanborn Fire Insurance Maps from 1886, 1897, 1903, 1917, 1934, 1951, 1980, 1991, and 1995 were reviewed. Details from these maps are as follows:

1886

The project site consisted of the eastern portion of two blocks bounded by Union Street on the east, Locust Avenue on the south, Washington Avenue on the north and intersected by Lincoln Avenue. Properties on the project site block included a public school, an A.M.E Bethel Church and private dwellings with stables and woodsheds. Residential, commercial and retail establishments occupied the western end of each block beyond the subject property boundaries. Surrounding blocks were similar in character, consisting primarily of residential and commercial properties. There was a primary school in the northwestern corner of the east-adjacent block, on the corner of Washington Avenue and Union Street.

1897

The project site included approximately 30 additional private dwelling buildings than were noted on the 1886 map. A state armory was located south of the project site, across Locust Street. Surrounding blocks were primarily residential, with more dwellings and less vacant lots than were noted on the 1886 map.

1903

The A.M.E. Bethel Church property noted in the 1886 and 1897 maps included a foundation for a new church. No other significant changes were noted for the subject property or the surrounding area.

1917

Washington Avenue, Lincoln Avenue, and Locust Avenue were renamed 37th Avenue, 38th Avenue and 39th Avenue respectively. The A.M.E Bethel Church property noted on the 1886 and 1897 maps was labeled the Macedonian M.E. Church. The northern portion of the subject property includes a soda water works. A grave yard was on the northwestern portion of the subject property, behind two private dwellings on Block 59, Lot 23. West of the northern portion of the subject property there was a moving pictures theatre. The public school noted on the 1886, 1897 and 1903 maps on the southern block of the subject property was no longer labeled a school. An Empire State Dairy facility, two wagon sheds, and four other illegibly labeled commercial facilities were west of the southern portion of the subject property. The state armory noted on the 1886 map was a moving picture theatre. A new military drill hall was noted on the block north of the subject property.

1934

The soda works and grave yard are no longer labeled on the map. The Macedonian A.M.E Church included a wing not shown on the 1917 map. The building formerly labeled a public school was a club house. The Empire State Dairy noted on the 1917 map was a stable. A U.S. Mail Garage was noted southwest of the subject property along 39th Avenue. The state armory building noted south of the subject property on 1897 map is no longer present. A large auto parking structure was on the south-adjacent block. A cemetery, swimming pool, and auto parking facility were on the north-adjacent block.

1951

Approximately half of the lots on the subject properties were vacant. No other significant changes were noted on the subject property. The swimming pool on the north-adjacent block on the 1934 map was no longer present.

1980

The project site was bordered to the west by 138th Street and no longer intersected by 38th Avenue. The western portion of the project site was a two story open deck garage built in 1964/1965. The eastern portion of the project site was a municipal parking lot with a meter repair shop. The A.M.E. Macedonia Church was still present; however, 38th Street no longer bisected the property. The south-adjacent block was primarily commercial buildings and parking lots. The north-adjacent block was primarily parking and office buildings. The New York Police Department 109th Precinct was on the northwest corner of the east adjacent block, on the intersection of 37th Avenue and Union Street.

1991

No significant changes from the 1980 map were noted for the subject property. A large residential property was on the north-adjacent block.

1995

No significant changes from the 1991 map were noted for the subject property or surrounding area.

To summarize, the Sanborn maps indicated that the project site was part of a residential neighborhood on the earliest map from 1886. Sometime between 1886 and 1897 most of the vacant land in the area became residential property. By 1917 the subject property had

begun a transformation from residential to commercial property; a trend that continued through 1964/1965 when the current New York City Department of Transportation parking facility was constructed. The surrounding area has been a commercial/residential community since the earliest map from 1886.

4.1.2 Historical Aerial Photographs

Complete and thorough coverage was available for the subject property utilizing historical land-use maps. The maps typically include detailed information such as dates of construction, building occupants or a vacant status, and use and/or zoning use of structures on the site and surrounding area. Aerial photographs would, most likely, not provide additional, unique information that is pertinent to the environmental condition of the property. As such, aerial photographs were not reviewed for the project site.

4.1.3 Site Interviews

Mr. John Girardi, of the New York City Department of Transportation (NYCDOT), explained by phone that the enclosed areas underneath the parking structure ramps are used to store maintenance equipment, paint, and pieces of metal. He was not aware of any underground storage tanks or hazardous material spills on the subject property.

Mr. Bill Walsh, of the New York City Economic Development Corporation, explained by phone that he was not aware of any underground storage tanks or hazardous material spills on the subject property. He noted that the subject property has been a parking facility for nearly 50 years.

Rev. Nicholas Tweed, the pastor for the Macedonian African Methodist Episcopal Church, east-adjacent to the proposed development site, was interviewed during the site visit. He was not aware of any environmental conditions on the subject property. He mentioned that his church has an aboveground storage tank in the basement that stores heating oil.

4.2 Regulatory Review

Toxics Targeting, Inc. of Ithaca, New York, was contracted to obtain information regarding the regulatory status of the property and the surrounding area. This information included records from databases maintained by the USEPA and New York State Department of Environmental Conservation (NYSDEC). AKRF reviewed these records to identify the use, generation, storage, treatment and/or disposal of hazardous material and chemicals, or releases of such materials which may impact the project site. All applicable regulatory databases meet ASTM guidelines requesting utilization of information within 90 days' receipt from the appropriate agency. Copies of the pertinent sections of the Toxics Targeting, Inc. report are included in Appendix C.

4.2.1 Federal

The federal records reviewed included the National Priority List (NPL); Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS); Emergency Response Notification System (ERNS); Toxic Chemical Release Inventory System (TRIS); the Permit Compliance System of Toxic Wastewater Discharges (WWD); the USEPA Civil Enforcement Docket; and Air Discharge Facilities (ADF). The federal listing of facilities which are subject to corrective action under the Resource Conservation and Recovery Act (CORRACTS) is discussed with the State databases of RCRA listings.

National Priority List (NPL)

The NPL is the USEPA's database of some of the most serious uncontrolled or abandoned hazardous waste sites identified for probable remedial action under the Superfund Program. These sites may constitute an immediate threat to human health and the environment. Due to the amount of public attention focused on NPL sites, they pose a significant risk of stigmatizing surrounding properties and potentially impacting property values.

No NPL sites were identified within a one-mile radius of the project site.

Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS)

CERCLIS is a compilation of known or suspected, uncontrolled or abandoned hazardous waste sites which the USEPA has investigated, or plans to investigate, for a release, or threatened release, of hazardous substances pursuant to the Superfund Act of 1980 (CERCLA). Some of these sites may constitute a potential threat to human health and the environment. While it has been determined by the USEPA that some CERCLIS sites require no action, others could pose a real or perceived environmental threat to neighboring properties, thus affecting property values.

Four CERCLIS sites were identified within a one-mile radius of the project site. All four sites were over ¼-mile west of the project, in a presumed downgradient direction. The College Point Oil Lagoon at the intersection of 123rd Street and 31st Avenue, approximately 5,120 feet west of the project site is properly closed but requires continued management. No further remedial action was reported for the remaining three listings. Based on the information provided in the database, these CERCLIS sites are not expected to affect the project site.

Emergency Response Notification System (ERNS)

This federal database, compiled by the Emergency Response Notification System, records and stores information on reported releases of petroleum and other potentially hazardous substances.

The subject property was not listed as an ERNS site.

Toxic Chemical Release Inventory System (TRIS)

The TRIS contains information reported to the USEPA and/or NYSDEC by a variety of industries on their annual estimated releases of certain chemicals to the environment. The TRIS was mandated by Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986. Available information includes the maximum amount of chemicals stored on-site; the estimated quantity emitted into the air, discharged into bodies of water, injected underground, or released to land; methods used in waste treatment and their efficiency; and data on the transfer of chemicals off-site.

No TRIS sites were identified within a ¼-mile radius of the project site.

Permit Compliance System of Toxic Wastewater Discharge (WWD)

This federal- and state-maintained database contains a listing of sites which discharge wastewater containing potentially hazardous chemicals.

No WWD facilities were reported within a ¼-mile radius of the subject property.

United States Environmental Protection Agency Civil Enforcement Docket

This database is the USEPA's system for tracking civil judiciary cases filed on behalf of the agency by the Department of Justice.

One USEPA Civil Enforcement Docket was listed within a 1/8-mile radius of the subject property. Flushing High School located at 35-01 Union Street, approximately 1,070 feet north of the project site, violated Section 112 of the Clean Air Act by exceeding the National Emission Standard for asbestos, a hazardous air pollutant. The case was concluded on September 6, 1996. This case is not anticipated to have affected conditions at the project site.

Air Discharge Facilities Index (ADF)

This listing of sites tracked by the US EPA AIRS Database includes address information on each facility and the source of its associated air emissions.

Seven Air Discharge Facilities were identified within a 1/4-mile radius of the project site; one air discharge facility was identified within a 1/8-mile radius of the project site. The Mobil facility at 137-17 Northern Boulevard, approximately 620 feet northwest of the project site, was classified as having the potential to release less than 100 tons per year of uncontrolled volatile organic compounds. Based on the information provided in the database, the potential emissions from these sites are not anticipated to have affected the subject property.

4.2.2 State

The state records reviewed included the listings of hazardous material spills (SPILLS); Resource Conservation and Recovery Act Notifiers (RCRA); Chemical Bulk Storage (CBS); Solid Waste Facilities (SWF); Petroleum Bulk Storage (PBS); State Inactive Hazardous Waste Disposal Sites (SHWS); Major Oil Storage Facilities (MOSF); and the Brownfield Cleanup Program (BCP).

New York SPILLS Database

The New York SPILLS database includes a list of releases reported to the NYSDEC, including those attributed to tank test failures and tank failures. The tank test failures list only covers tanks that are below ground, while the tank failures list includes those that are either below or above ground. This database also lists spills that occur during the transportation of chemicals.

Two hundred fifty-nine (259) spills were reported within a 1/2-mile radius of the subject site, including active status spills and closed status spills. Thirty-four (34) of these spills were located within a 1/8-mile radius of the subject site. Of those listed within 1/8-mile of the subject site, one was listed as an active tank test failure. No SPILLS listings were reported to have occurred on the project site.

Based on the nature and quantity of material released and presumed groundwater flow direction, off-site spill listings in the vicinity of the project site that have the potential to affect environmental conditions on the project site are summarized below:

- On October 14, 1997, a 3,500-gallon fuel oil tank at the New York Police Department 109th Precinct, at 3705 Union Street, west of the project site across

Union Street, failed a tank test. No further information is provided in the database listing. The spill is active status.

- On January 21, 1994, a leaking tank was reported at 136-68 Roosevelt Avenue, approximately 270 feet south of the project site. No further information is provided in the database listing. The spill is active status.
- On September 19, 1988 a tank test failure was reported for a 5,000-gallon fuel oil tank at 37-15 Parsons Boulevard, approximately 1,350 feet east of the project site. The tank was recorded to have a leak rate of approximately 0.09 gallons per hour. The spill was administratively closed on March 5, 2003 based on a lack of recent information.
- On August 8, 2002, a spill was reported for the Consolidated Edison Manhole 1231 near the intersection of Union Street and 37th Avenue, east-adjacent to the project site. Approximately 170 gallons of dielectric fluid was reported spilled. Test results revealed the dielectric fluid contained fewer than 1 part per million polychlorinated biphenyls. Sixty gallons were recovered; however, the remaining 110 gallons seeped into the soil. Consolidated Edison removed the concrete floor, excavated contaminated soil, and replaced the floor. The listing was closed on October 29, 2002.

Based on the information provided in the database, these SPILLS sites may have affected groundwater at the project site. Details from all listed spills are included in Appendix C.

Resource Conservation and Recovery Act (RCRA) Notifiers Listings

The NYSDEC's Bureau of Hazardous Waste Facility Compliance regulates hazardous waste from the point of generation to the point of disposal. The identified sites tracked on this list are those which have filed notification forms in accordance with the Resource Conservation and Recovery Act requirements regarding their hazardous waste activity. These sites include treatment, storage and disposal facilities (TSDs); small-quantity and large-quantity generators; and transporters of hazardous waste regulated under RCRA. The discussion below includes any CORRACTS listings of facilities which are subject to corrective action under RCRA.

Forty-three (43) RCRA Hazardous Waste Generators and Transporters were listed in a ¼-mile radius around the subject site; one generator was reported on site. The project site, identified as New York City Department of Transportation, was listed as a small quantity generator of 8,000 pounds of lead waste in 1995 (presumably relating to lead paint abatement). The site was also listed as violating annual reporting requirements on October 7, 1996 and returning to compliance on February 5, 1997.

The Hazardous Waste Generators and Transporters located within a ⅛-mile radius of the project site in a presumed upgradient direction are summarized below.

- Velvet Touch Cleaners at 3902 Union Street, east of the project site across Union Street, is listed as a conditionally exempt small quantity generator. In 1993, the site generated 490 pounds of spent halogenated solvents. No other information was provided in the database listing.
- Consolidated Edison Vault 7564 near the intersection of Union Street and Roosevelt Avenue, approximately 250 feet southeast of the project site, generated 1,458

kilograms (kg) of petroleum oil or other liquid containing 500 parts per million (ppm) or greater polychlorinated biphenyls (PCBs). No other information was provided in the database listing.

- Marcelle French Cleaners at 142-60 Roosevelt Avenue, approximately 480 feet east of the project site, generated 250 pounds of spent halogenated solvents in 1997 and 1,359 pounds of spent halogenated solvents in 1996. No other information was provided in the database listing.
- Consolidated Edison Vault 9370 at the intersection of Bowne Street and 38th Avenue, approximately 630 feet east of the project site, generated 2,962 kg of petroleum or other liquid containing between 50 ppm and 500 ppm PCBs and 454 kg of other PCB wastes in 1998. No other information was provided in the database listing.
- Consolidated Edison Vault 4057 at the intersection of Bowne Street and 38th Avenue, approximately 630 feet east of the project site, generated 82 kg of petroleum or other liquid containing between 50 ppm and 500 ppm PCBs and 100 kg of other PCB wastes in 1998. No other information was provided in the database listing.
- Consolidated Edison Vault 5202 at the intersection of Bowne Street and 38th Avenue, approximately 630 feet east of the project site, generated 1,510 kg of petroleum or other liquid containing between 50 ppm and 500 ppm PCBs in 2001. No other information was provided in the database listing.

Based on their location, type and quantity of waste, these RCRA sites may have affected groundwater at the project site. Details of additional RCRA sites are included in Appendix C.

Chemical Bulk Storage (CBS) Database

The New York CBS is a list of facilities that store regulated non-petroleum substances in aboveground tanks with capacities greater than 185 gallons and/or in underground tanks of any size.

No CBS facilities are listed within a ¼-mile radius of the subject property.

Solid Waste Facilities (SWF)

This database includes a listing of landfills, incinerators, transfer stations, recycling centers, and other sites which manage solid waste.

Eleven Solid Waste Facilities were identified within a one-mile radius of the study site; one facility was listed within a ¼-mile radius of the project site. None of the facilities listed were located in a presumed upgradient direction. Based on the information provided in the database, the potential emissions from these sites are not anticipated to have affected the project site subsurface conditions.

Petroleum Bulk Storage (PBS) Database

The New York State PBS lists commercial facilities with registered petroleum tanks located either above or below ground in excess of 1,100 gallons and less than 400,000 gallons.

Eighty (80) PBS facilities were identified within a ¼-mile radius of the subject site. Details of PBS facilities located within a ⅛-mile radius in a presumed upgradient or cross-gradient groundwater flow direction are provided in Table 1.

Table 1
Area Petroleum Bulk Storage Facility Data

| Location | Capacity (gallons) | Product Stored | Status | Approximate Distance / Direction from Study Site |
|--|--------------------|---------------------|------------------|--|
| 109 th Police Precinct, 37-05 Union Street | (4) 550 UST | Gasoline | Closed / Removed | Across Union Street, East |
| | 10,000 UST | #1,2 or 4 Fuel Oil | In Service | |
| | 2,500 UST | #1,2 or 4 Fuel Oil | In Service | |
| | 4,000 UST | Gasoline | In Service | |
| | 1,000 UST | Diesel | In Service | |
| The Imperial, 142-24 38 th Avenue | 10,000 UST | #5 or 6 Fuel Oil | In Service | 150 feet East |
| Williamsburg Savings Bank 136-65 Roosevelt Avenue | 5,000 UST | #1,2, or 4 Fuel Oil | In service | 210 feet South |
| The Barbizon, 142-05 Roosevelt Avenue | 25,000 UST | #5 or 6 Fuel Oil | In Service | 230 feet East |
| Glen Ora, 142-10 Roosevelt Avenue | 5,000 UST | #5 or 6 Fuel Oil | In Service | 280 feet East |
| Kaled Management Corporation 142-10 Roosevelt Avenue | 15,000 UST | #1,2 or 4 Fuel Oil | Closed in Place | 280 feet East |
| | 4,950 AST | #1,2 or 4 Fuel Oil | In Service | |
| FDNY Engine House 273 / Ladder 139 20-18 Union Street | 2,000 UST | #1,2, or 4 Fuel Oil | In Service | 290 feet Southeast |
| | 550 AST | Diesel | In Service | |
| | 275 UST | Gasoline | Closed in Place | |
| Pistilli Associates II, L.L.C. 38-15 Bowne Street | 5,000 UST | #1, 2 or 4 Fuel Oil | In Service | 655 feet East |

Notes: AST - aboveground storage tank
UST - underground storage tank

Two tanks listed in Table 1 are listed in the SPILLS database. On September 5, 2002, the 5,000-gallon underground storage tank at 136-65 Roosevelt Avenue, approximately 210 feet south of the project site, failed a tank test. The tank was relined and contaminated soil was removed. The spill listing was closed on July 8, 2003. On December 9, 2003, an error filling the 10,000-gallon underground storage tank at 142-24 38th Avenue, approximately 150 feet south of the project site, caused a 15 gallon fuel oil spill.

On October 14, 1997, a 3,500-gallon fuel oil tank was discovered leaking at 37-05 Union Street, east of the project site across Union Street. This 3,500-gallon tank is not listed in the Petroleum Bulk Storage Database and is not included in Table 1.

During the site interview, Rev. Tweed explained that the Macedonian A.M.E. church has an aboveground fuel oil tank in the basement. This tank is not listed in the Petroleum Bulk Storage Database and is not included in Table 1.

Details of additional PBS facilities located within a 1/8-mile of the study site are included in Appendix C.

State Inactive Hazardous Waste Disposal Site Registry (SHWS)

This database maintains information and aids decision-making regarding the investigation and clean-up of hazardous sites. The Registry's information includes the clean-up status, type of clean-up, types and quantities of contaminants involved, and the assessment of health and environmental concerns.

One State Inactive Hazardous Waste Disposal Sites was reported within a one-mile radius of the subject property. Based on the location, this facility is not expected to have affected the project site.

State Hazardous Substance Waste Disposal Site Study (SHSWDS)

This database tracks waste disposal sites that may pose threats to public health or the environment, but that cannot be remediated using monies from the Hazardous Waste Remediation Fund.

One State Hazardous Substance Waste Disposal Site (SHSWDS) was listed in the database as being within one mile of the subject property. The Consolidated Edison Flushing River Coking Coal Gasification Plant at 32nd Avenue and Bayside Avenue, approximately 2,550 feet north of the project site, was active until 1944. No further remedial action is planned for the site. Based on the information provided in the database and the crossgradient direction, any releases from the Coal Gasification Plant are not expected to have affected the project site.

Major Oil Storage Facilities (MOSF) Database

These facilities may be on-shore facilities or vessels with petroleum storage capacities of 400,000 gallons or more.

Two Major Oil Storage Facilities were reported within a one-mile radius of the subject property. The Flushing Terminal at 37-02 College Point Boulevard, located approximately 1,660 feet west of the project site, had over 2,988,700 gallons underground storage tank (UST) capacity; however, all of the tanks have been closed and removed. The Lefferts Oil Terminal, Inc., at 31-70 College Point Boulevard, located approximately 3,720 feet northwest of the project site, has over 2,869,000 gallons underground storage tank (UST) capacity. An additional 5,480 gallons of underground storage tank (UST) capacity has been closed and removed.

Based on the distance and presumed groundwater flow, potential releases from these two facilities are not anticipated to affect the subject property.

Brownfield Cleanup Program (BCP)

In 2003, a New York State law established this successor to the Voluntary Cleanup Program. In addition to liability releases, it established a variety of tax credits for sites remediated through the program. Some sites in this program have known extensive contamination, whereas others have more limited contamination or have not had sufficient investigation to determine whether or not contamination is present.

Six Brownfield Cleanup Program sites were sites located within an one-mile radius of the subject site. All of the listed Brownfield Cleanup Program sites are located over ¼-mile from the project site and in a presumed downgradient direction. Based on the information provided in the database, the Brownfield Cleanup Program sites are not anticipated to have affected the project site.

4.2.3 Local

An electronic search of the New York City Department of Buildings on-line *Building Information System* database was performed. The database typically includes information on current and past Certificates of Occupancy and construction permits, but does not include building plans.

No records relating to environmental issues at the subject property were identified at the Department of Buildings on-line listings.

4.3 Previous Environmental Investigations of the Site

Phase I Environmental Site Assessment for Block 4978, Lot 25, Flushing, NY; Lawler, Matusky & Skelly Engineers, LLP; October, 2001.

Lawler, Matusky & Skelly Engineers, LLP, completed a Phase I Environmental Site Assessment for the Block 4978, Lot 25 property in October, 2001. The investigation included an inspection, historical research, and a regulatory review. A tank test failure in close proximity and upgradient from the project site was identified as a recognized environmental condition for the project site. Historical Sanborn maps from 1892 and 1917 indicated the presence of a graveyard on a portion of the property. Although the graveyard was not identified as a recognized environmental condition, it was presented as an “issue to be considered.”

5.0 LIMITATIONS

This assessment met the requirements of the American Society for Testing and Materials (ASTM) as established by ASTM Standard E1527-00. The following limitations should be noted:

- Results of this investigation are valid as of the dates on which the investigation was performed.
- Access was not available to the storage areas underneath the ramps leading to the second story of the parking structure.

6.0 CONCLUSIONS AND RECOMMENDATIONS

The objective of this assessment was to identify any potential environmental concerns associated with the site resulting from past or current site usage and usage of neighboring properties. This assessment revealed the following observations and environmental conditions in connection with the property:

- Sanborn maps indicated that the project site was part of a residential neighborhood on the earliest map from 1886. Some time between 1886 and 1897 most of the vacant land in the area became residential property. By 1917 the subject property had begun a transformation from residential to commercial property; a trend that continued through 1964/1965 when the current New York City Department of Transportation parking facility was constructed. The surrounding area has been a commercial/residential community since the earliest map from 1886.
- Based upon the age of the parking structure, suspect asbestos-containing materials (ACMs) may be present. Asbestos may be present in the ceiling and floor tiles (which may be in the storage areas), spray-applied fireproofing, spray or trowel-applied surfacing materials, plaster, sheetrock, and a range of other materials. Prior to any renovation or demolition activities with the potential to disturb suspect ACMs, an asbestos survey should be conducted. If these materials prove to contain asbestos, they should be properly removed and disposed of in accordance with all state and federal regulations.
- Lead-based paint may be present on the parking structure (8,000 pounds of lead waste were removed from the site in 1995, presumably relating to lead-based paint abatement). Painted surfaces observed on the structure were noted to be in fair to good condition. Any renovation or demolition activities with the potential to disturb lead-based paint must be performed in accordance with the applicable Occupational Safety and Health Administration regulation (OSHA 29 CFR 1926.62 - *Lead Exposure in Construction*). Current New York State Department of Environmental Conservation guidance permits the disposal of construction materials covered with lead-based paint as demolition debris within an approved landfill.
- Fluorescent lights and lighting fixtures observed during the site inspection may include polychlorinated biphenyl (PCB)- and/or mercury-containing components (including capacitors and potting compounds). Potential suspect mercury-containing fluorescent lights and suspect PCB-containing lighting fixtures do not currently present a potential hazard to human health. Unless there is labeling or test data which indicates that they are not mercury- and/or PCB-containing, if disposal is required, it should be performed in accordance with applicable federal, state and local regulations and guidelines.
- This site could be underlain by urban fill material of unknown origin, which could include construction and demolition debris, abandoned petroleum storage tanks from former buildings and/or other materials.
- The regulatory databases, historical land-use atlases, and visual site inspection indicated that the subject property and surrounding neighborhood have an approximately 120-year history of residential, commercial, and light manufacturing development. The off-site use of chemicals or hazardous substances at current or former commercial and manufacturing facilities in the surrounding properties have the potential to affect local groundwater quality.
- The Macedonian African Methodist Episcopal (A.M.E.) Church is the only property on the subject block not part of the proposed development site. No hazardous material spills or hazardous waste generation were noted for the church property in the records review; however, based on the age of the building, lead based paint and asbestos may be present. The church was not surveyed for lead based paint or asbestos containing materials as part of this Phase I Environmental Site Assessment.

Based on the results of this assessment, the following recommendations are noted:

- Soil excavated from the subject property for site development purposes may contain fill materials of unknown origin. Excavated materials should be disposed of and transported off-site in accordance with all applicable regulations. A Phase II Investigation is recommended to determine, at a minimum, appropriate disposal of material to be excavated for redevelopment of the site and the quality of the site's groundwater, should dewatering be required for construction. A groundwater sample should be analyzed to insure it meets the New York City Department of Environmental Protection (NYC DEP) criteria for effluent to municipal sewers.

7.0 QUALIFICATIONS

The purpose of this assessment was to convey a professional opinion about the potential presence or absence of contamination, or possible sources of contamination on the property, and to identify existing and/or potential environmental problems associated with the property.

The assessment was performed in accordance with customary principles and practices in the environmental consulting industry, and in accordance with ASTM Standard E1527-00, *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Practice*. It is intended for use as a supplement to the property appraisal, and is only to be used as a guide in determining the possible presence or absence of hazardous materials on the subject property at the time of the inspection. This assessment is based upon the review of readily available records relating to previous use of both the project site and the surrounding area, as well as a visual inspection of the current condition of the property. Environmental characteristics at this site and surrounding sites may be subject to change in the future.

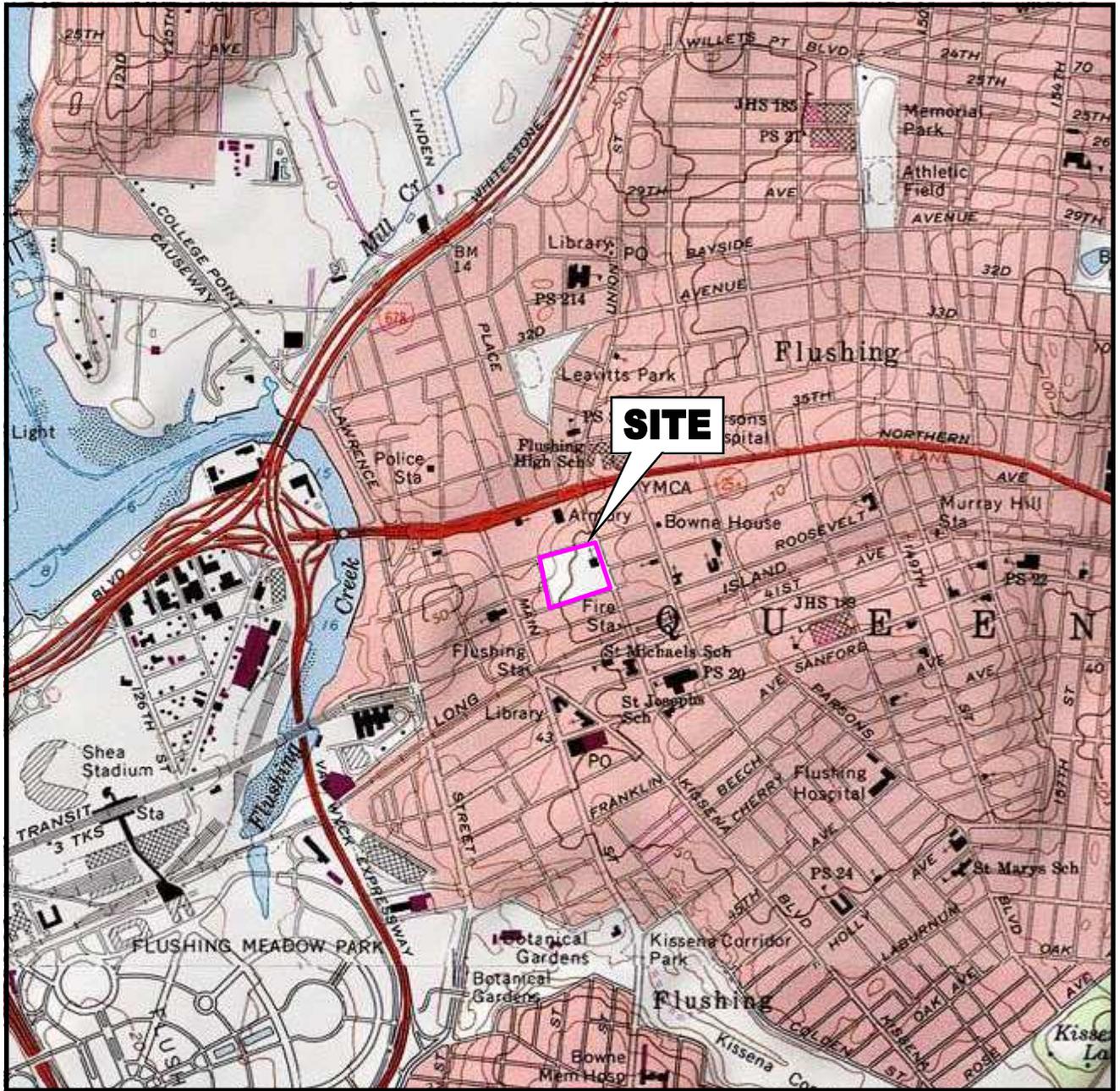
This Phase I Assessment is not, and should not be construed as, a guarantee, warranty, or certification of the presence or absence of hazardous substances, which can be made only with testing, and contains no formal plans or recommendations to rectify or remediate the presence of any hazardous substances which may be subject to regulatory approval. This report is not a regulatory compliance audit.

This report is based on services performed by AKRF, Inc. professional staff and observation of the site and its surrounding area. We represent that observations made in this assessment are accurate to the best of our knowledge, and that no findings or observations concerning the potential presence of hazardous substances have been withheld or amended. The research and inspections have been carried to a level that meets accepted industry and professional standards. Nevertheless, AKRF and the undersigned shall have no liability or obligation to any party other than Flushing Commons, LLC and their successors or assignees, and AKRF's obligations and liabilities to the above, their successors or assignees is limited to fraudulent statements made, or negligent or willful acts or omissions.

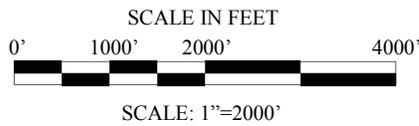
8.0 REFERENCES

1. Toxics Targeting, Inc.; Flushing Commons, Flushing, New York; Regulatory Radius Search; October 28, 2005.
2. U.S. Geological Survey; *Flushing, New York Quadrangle*; 7.5 minute Series (Topographic); Scale 1:24,000; 1995; Photorevised 1999.
3. U.S. Geological Survey, *Reconnaissance of the Ground-Water Resources of Kings and Queens Counties, New York*, Report 81-1186, 1981
4. New York State Department of Health: Office of Public Health - Environmental Radiation Section; *Basement Radon Screening Data*; June, 2004.
5. Sanborn Insurance Maps dated 1886, 1897, 1903, 1917, 1934, 1951, 1980, 1991, and 1995.
6. Phase I Environmental Site Assessment for Block 4978, Lot 25, Flushing, NY; Lawler, Matusky & Skelly Engineers, LLP; October, 2001.
7. Flushing Center; Preliminary Draft Environmental Impact Statement; Allee, King, Rosen and Fleming, Inc; April 1989.
8. Queens Crossing Mixed Use Development EAS, Supplemental Environmental Studies to the Environmental Assessment Form; Urbitran Associates, Inc.; December 2004.

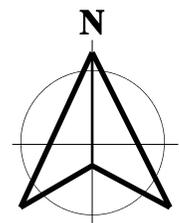
FIGURES



QUADRANGLE



SOURCE:
 USGS TOPOGRAPHIC MAP - FLUSHING, N.Y.
 QUADRANGLE - DATED 1966, PHOTOREVISED 1979.



2004 AKRF, Inc. Environmental Consultants M:\AKRF Project Files\10677 - Flushing Common\Figure\F1_Site Location Map.pub

136—50 37th Avenue
 Flushing, New York

PROJECT SITE LOCATION



Environmental Consultants

440 Park Avenue South, New York, N.Y. 10016

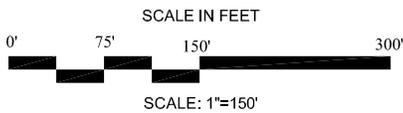
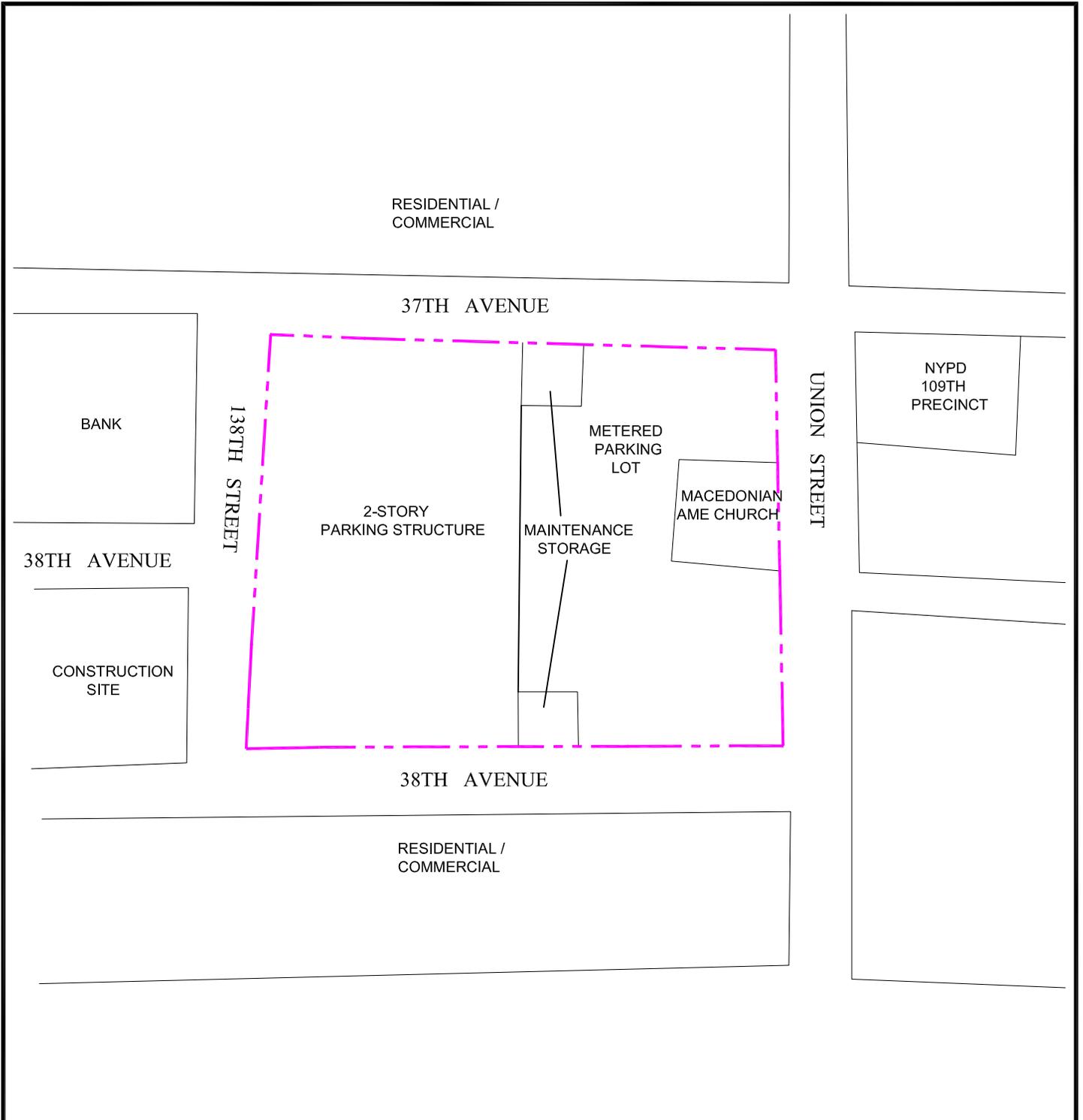
DATE
10.03.05

PROJECT No.
10677

FIGURE No.

1

2005 AKRF, Inc. Environmental Consultants M:\AKRF Project Files\10677 - Flushing Commons\Figures\Figure 2 Project Site Detail.dwg



Legend:

— — — — — PROJECT SITE BOUNDARY

Flushing Commons
Flushing, New York

PROJECT SITE DETAIL

AKRF, Inc.

Environmental Consultants
 440 Park Avenue South, New York, N.Y. 10016

DATE
10.11.05

PROJECT No.
10321

FIGURE No.
2

APPENDIX A
PHOTOGRAPHIC DOCUMENTATION



Photograph 1: Parking lot from southeastern corner of second-story of parking structure.



Photograph 2: Second-story of parking structure from southwestern corner.



Photograph 3: First story of parking structure from northeastern corner.



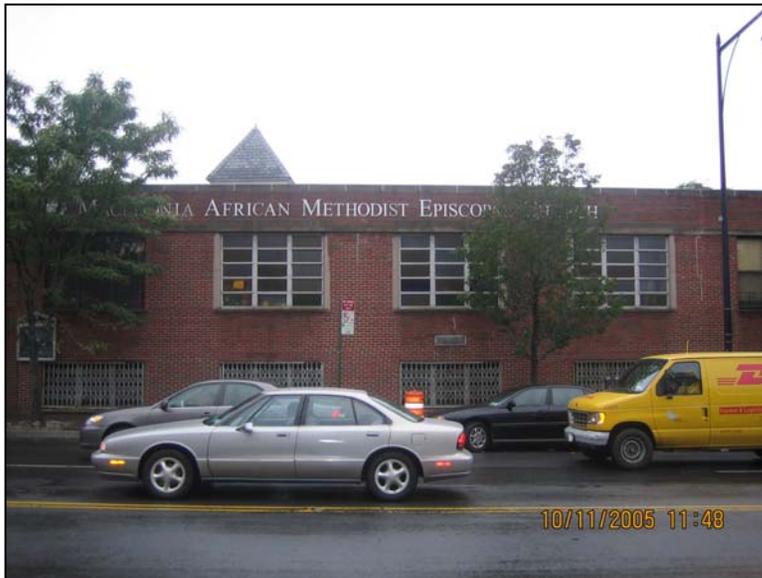
Photograph 4: Parking lot from northeastern corner.



Photograph 5: Storm water drain and municipal waste containers at 138th Street parking structure entrance.



Photograph 6: Macedonian African Methodist Episcopal Church, east-adjacent to the subject property.

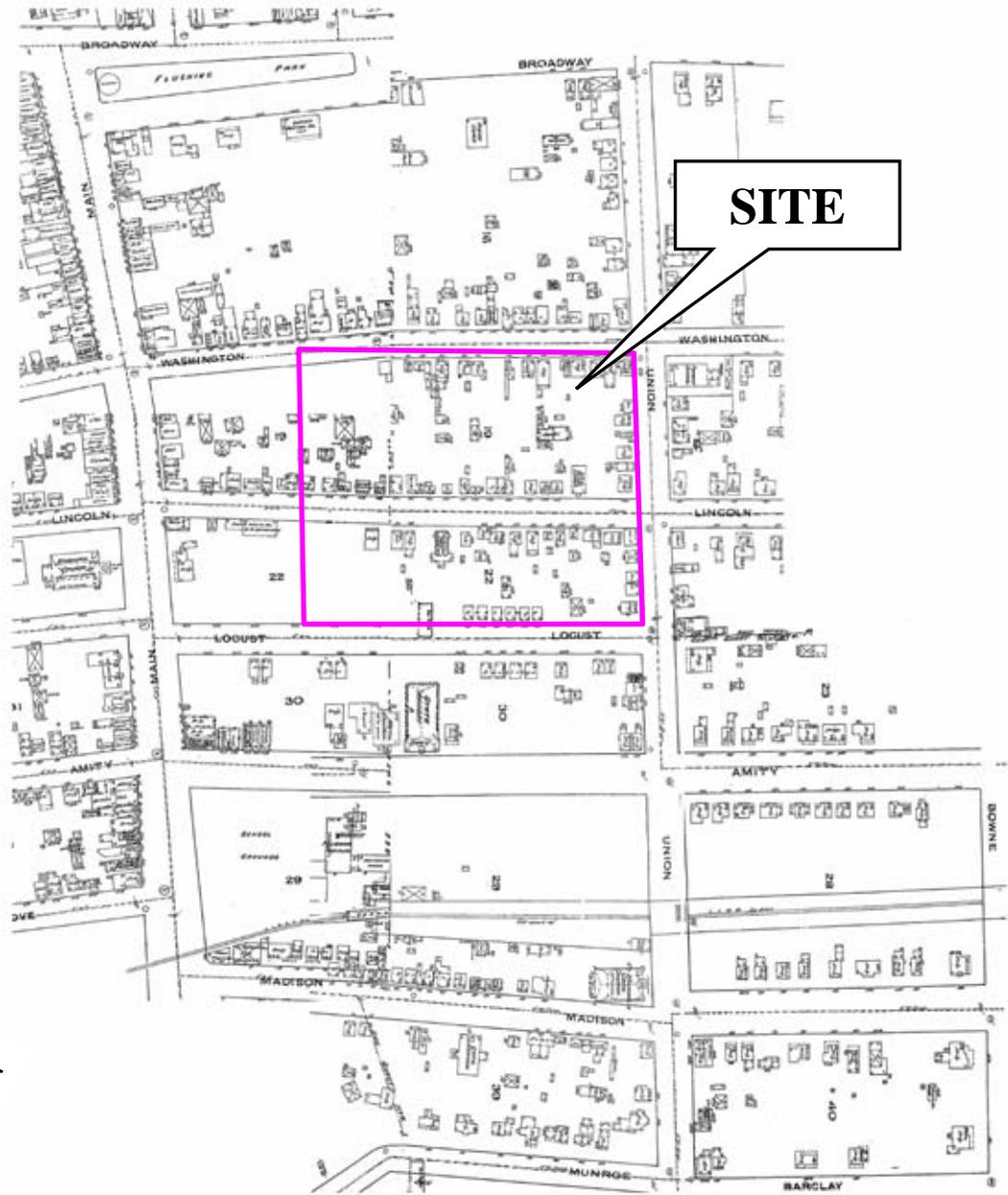


Photograph 7: Macedonian African Methodist Episcopal Church, from Union Street.



Photograph 8: West-adjacent block construction site.

APPENDIX B
HISTORICAL SANBORN MAPS



Flushing Commons
Flushing, New York

1886 SANBORN MAP

AKRF, Inc.

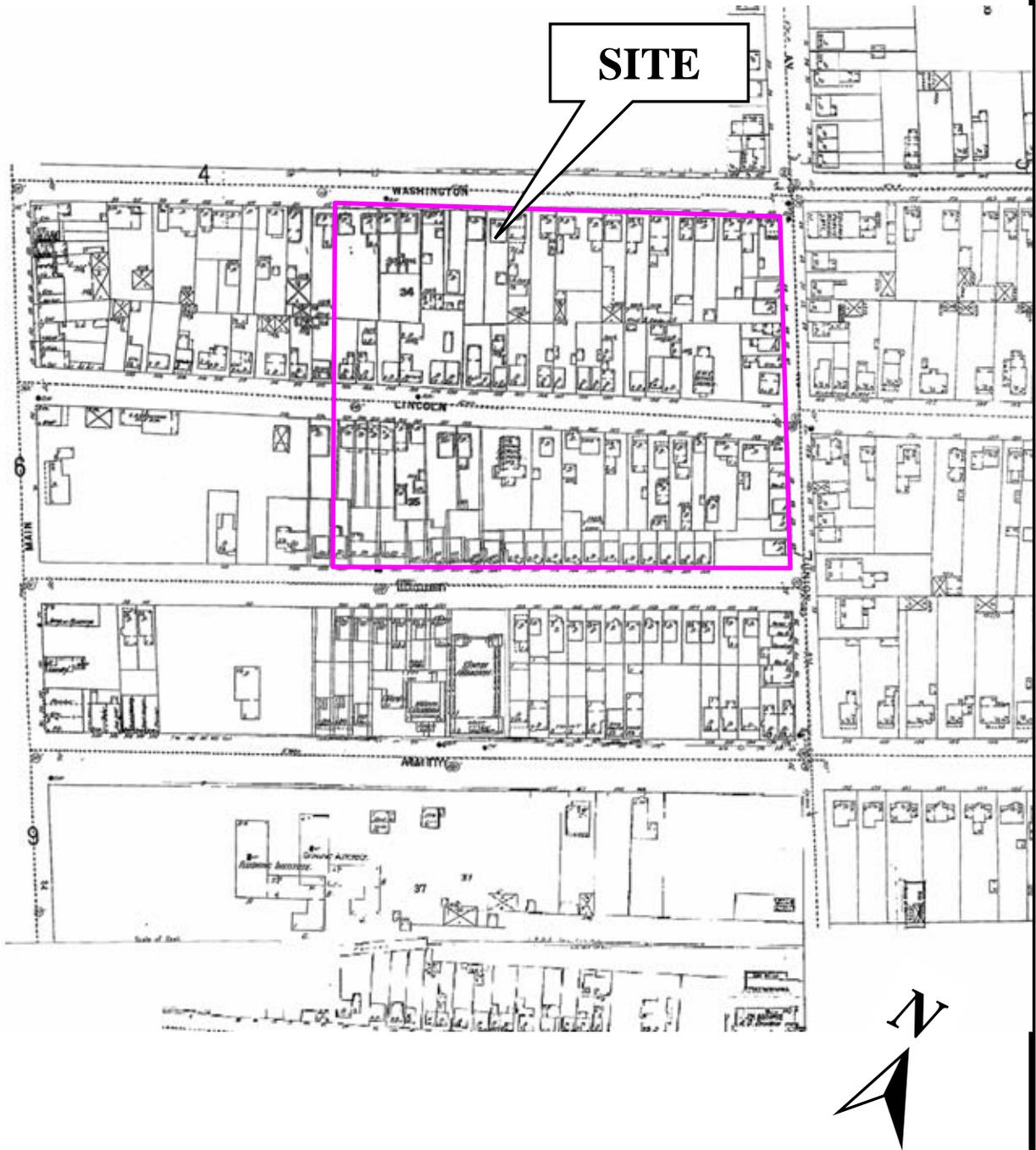
Environmental Consultants
440 Park Avenue South, New York, New York 10016

DATE
October 10, 2005

SCALE
NOT TO SCALE

PROJECT No.
10677

FIGURE No.



Flushing Commons
Flushing, New York

1897 SANBORN MAP

AKRF, Inc.

Environmental Consultants
440 Park Avenue South, New York, New York 10016

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| FIGURE No. |



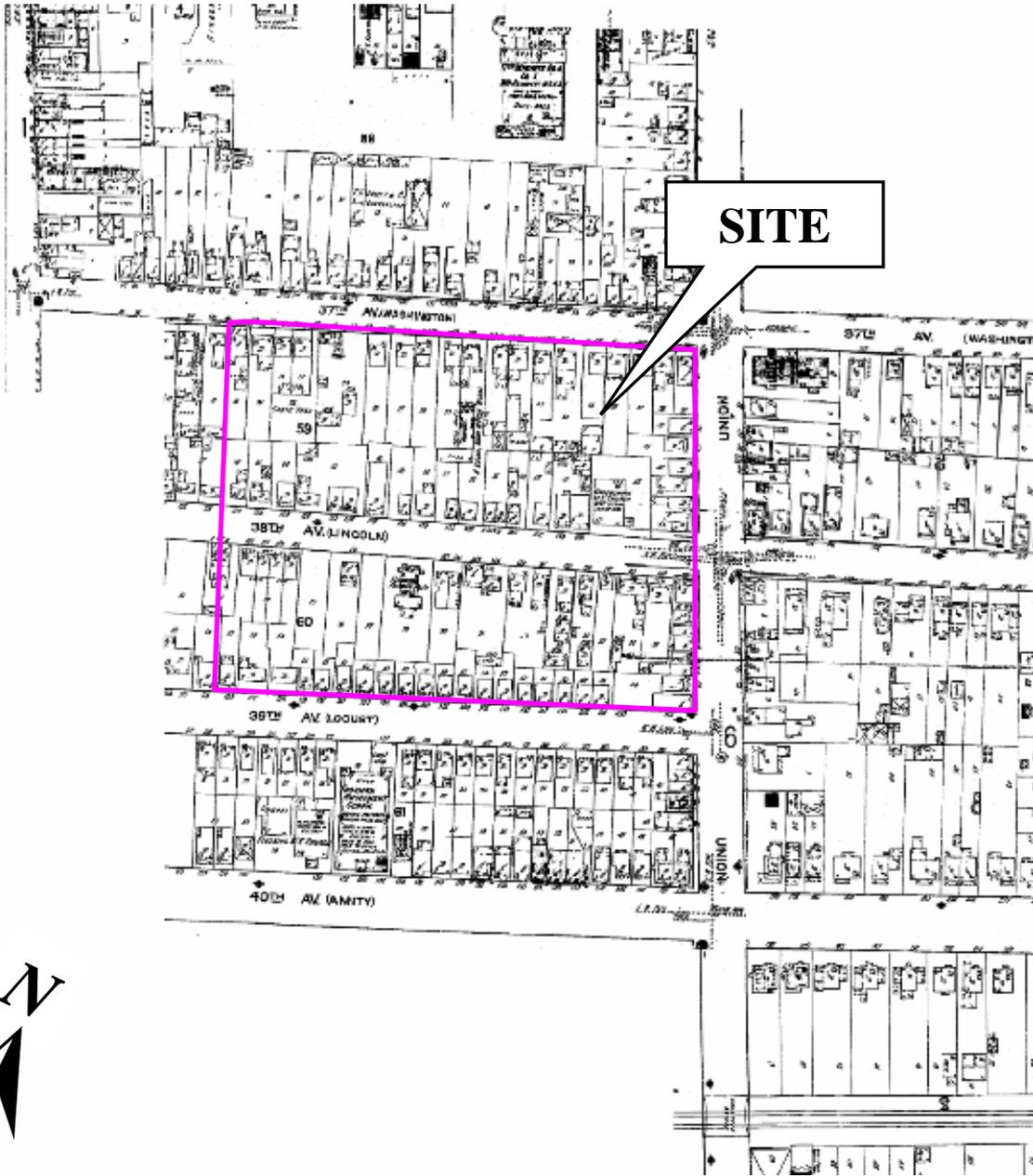
Flushing Commons
Flushing, New York

1903 SANBORN MAP

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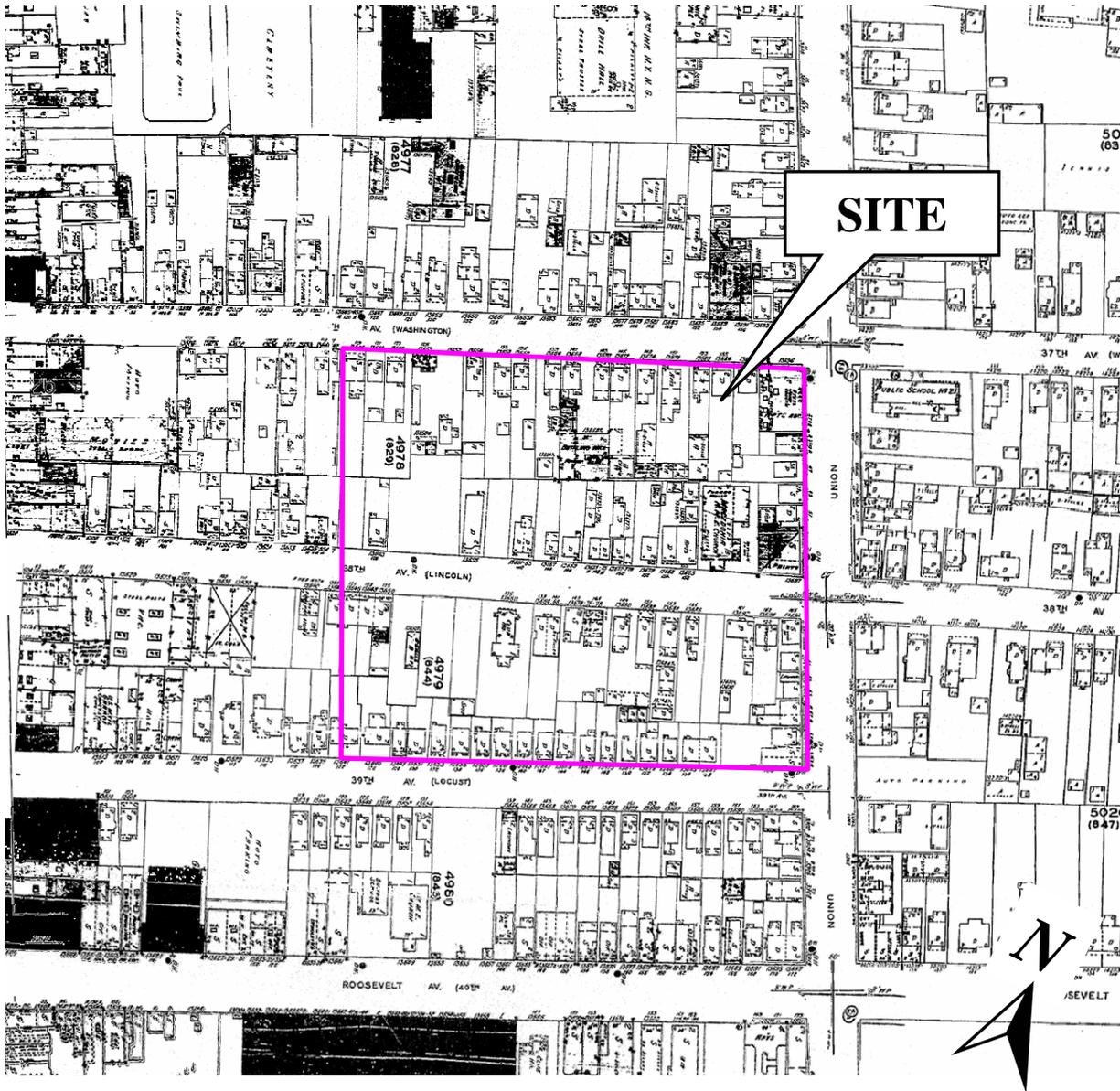


Flushing Commons
Flushing, New York

1917 SANBORN MAP

AKRF, Inc.
Environmental Consultants
440 Park Avenue South, New York, New York 10016

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| FIGURE No. |



Flushing Commons
Flushing, New York

1934 SANBORN MAP

AKRF, Inc.

Environmental Consultants

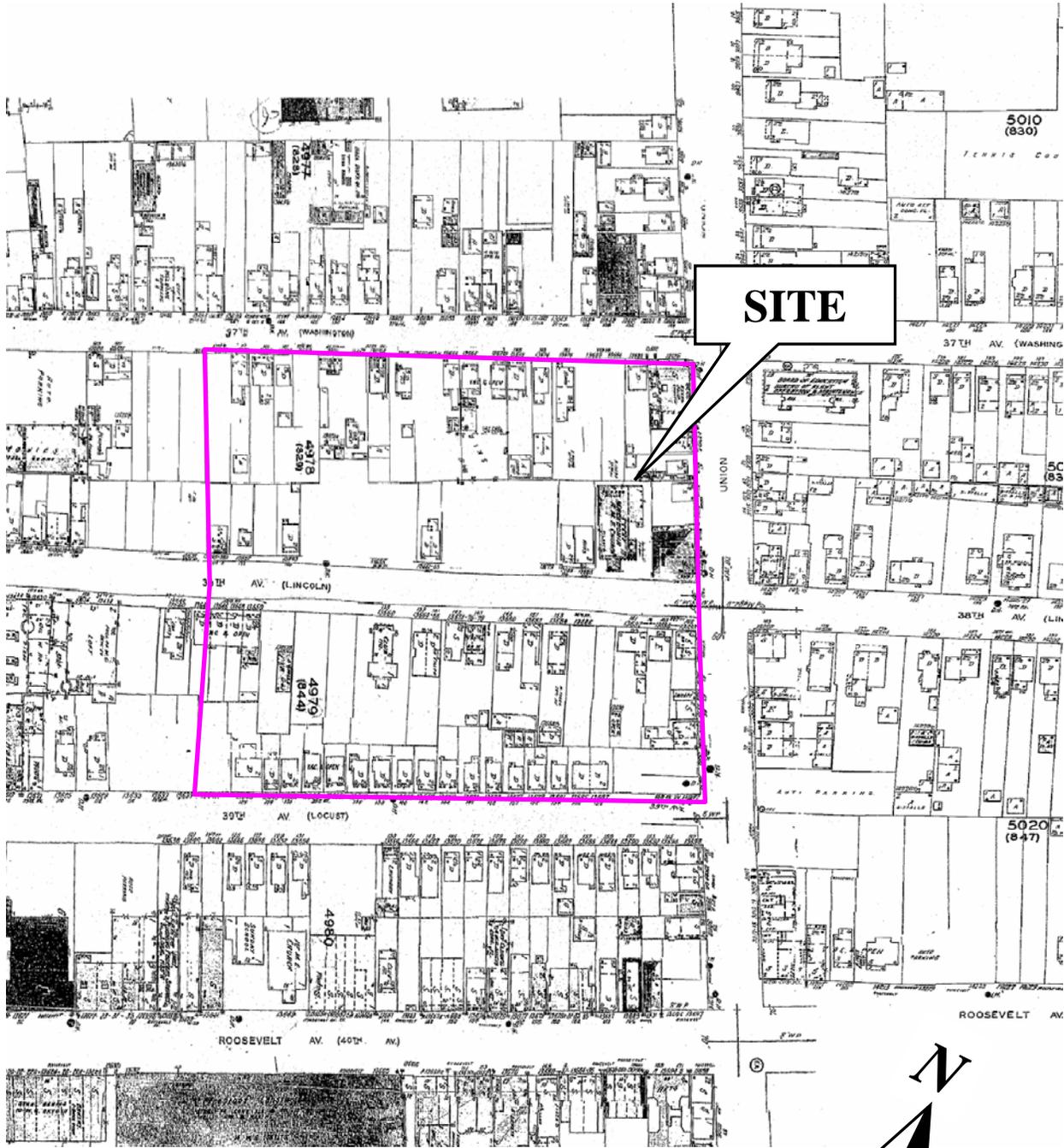
440 Park Avenue South, New York, New York 10016

DATE
October 10, 2005

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PROJECT No.
10677

FIGURE No.



Flushing Commons
Flushing, New York

1951 SANBORN MAP

AKRF, Inc.

Environmental Consultants

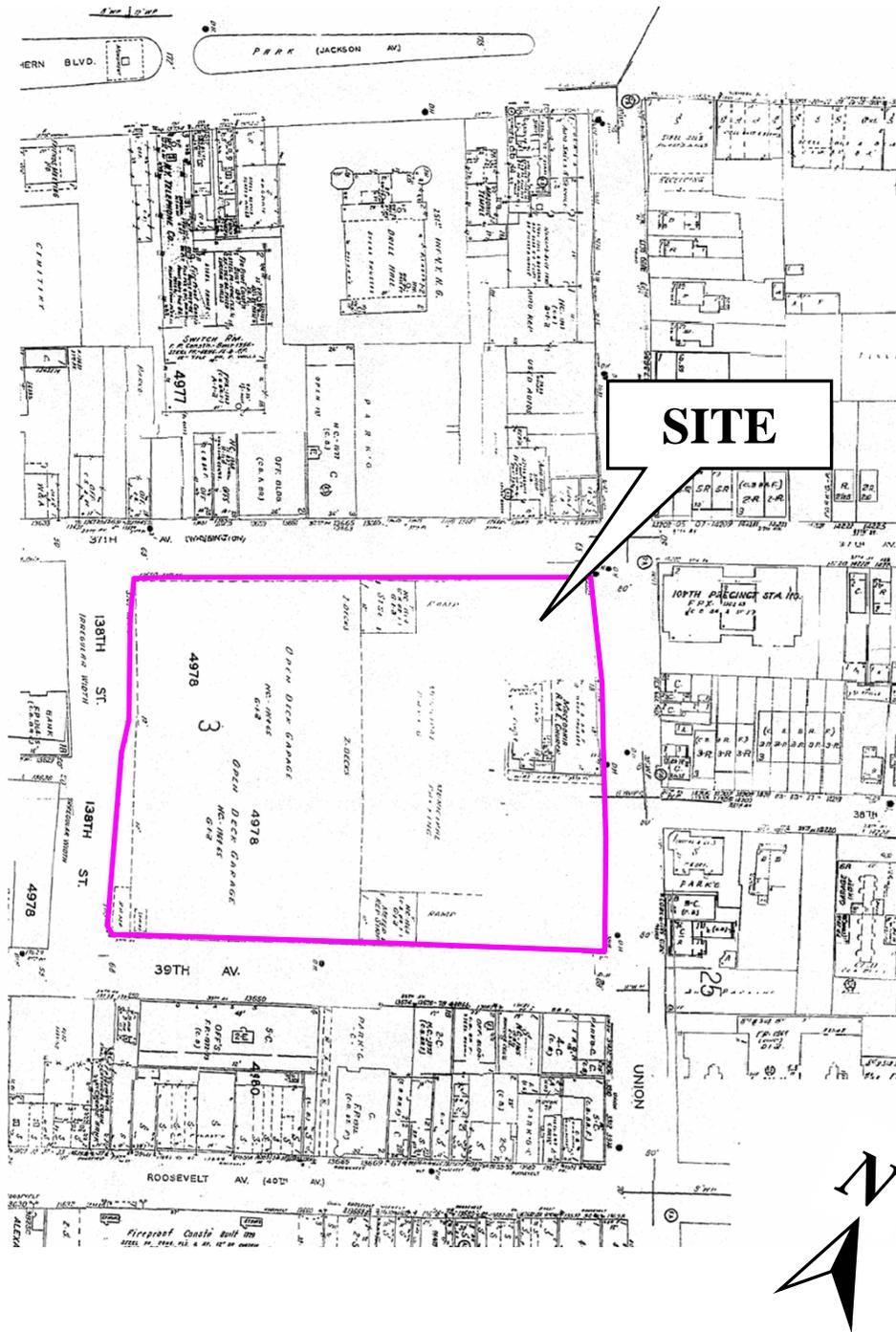
440 Park Avenue South, New York, New York 10016

DATE
October 10, 2005

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PROJECT No.
10677

FIGURE No.

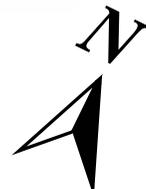
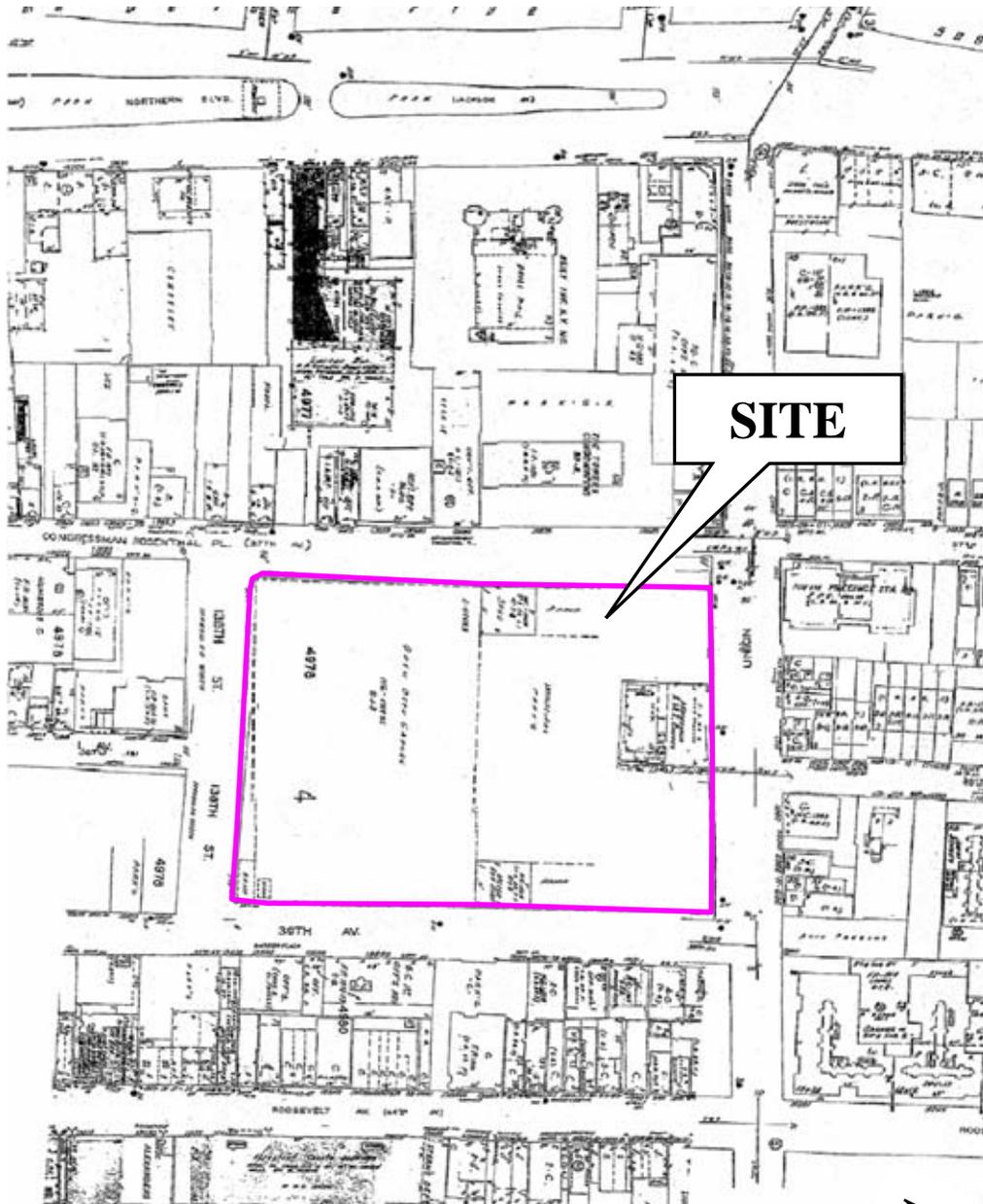


Flushing Commons
Flushing, New York

1980 SANBORN MAP

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Environmental Consultants
440 Park Avenue South, New York, New York 10016

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| PROJECT No. 10677 |
| FIGURE No. |



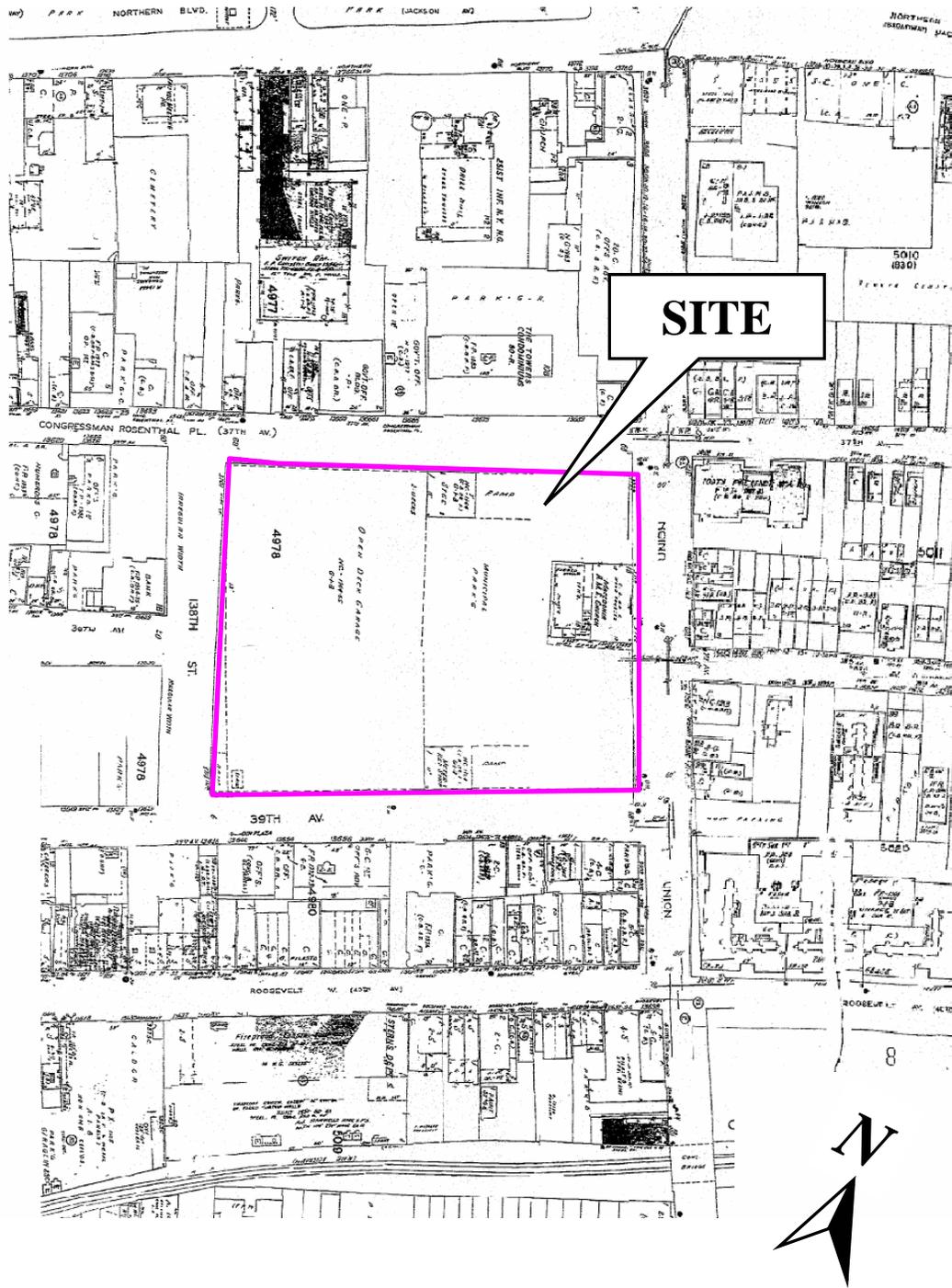
Flushing Commons
Flushing, New York

1991 SANBORN MAP

AKRF, Inc.

Environmental Consultants
440 Park Avenue South, New York, New York 10016

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| DATE October 10, 2005 |
| SCALE NOT TO SCALE |
| PROJECT No. 10677 |
| FIGURE No. |



Flushing Commons
Flushing, New York

1995 SANBORN MAP

AKRF, Inc.
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440 Park Avenue South, New York, New York 10016

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| DATE October 10, 2005 |
| SCALE NOT TO SCALE |
| PROJECT No. 10677 |
| FIGURE No. |

APPENDIX C
REGULATORY RECORDS REVIEW

*Toxics Targeting
Computerized
Environmental Report*

**Flushing Commons
Flushing, NY 11354**

September 28, 2005

LIMITED WARRANTY AND DISCLAIMER OF LIABILITY

Who is Covered

This limited warranty is extended by Toxics Targeting, Inc. only to the original purchaser of the accompanying Computerized Environmental Report ("Report"). It may not be assigned to any other person.

What is Warranted

Toxics Targeting, Inc. warrants that it uses reasonable care to accurately transcribe the information contained in this Report from the sources from which it is obtained. This limited warranty is in lieu of all other express warranties which might otherwise arise with respect to the Report. No one is authorized to change or add to this limited warranty.

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If during the warranty period there is shown to be a material error in the transcription of the information contained in this Report from the sources from which it was obtained, Toxics Targeting, Inc. shall refund to the original purchaser the full purchase price paid for the Report. The remedy stated above is the exclusive remedy extended to the Purchaser by Toxics Targeting, Inc. for any failure of the Report to conform with this Warranty, or otherwise for breach of this Warranty or any other warranty, whether expressed or implied.

What We Won't Cover

Toxics Targeting, Inc. has not and can not verify the accuracy, correctness or completion of the information contained in this Report. Information is obtained from government agencies, site owners, and other sources, and errors are common in such information. Because Toxics Targeting, Inc. can not control the accuracy of the information contained in this Report, or the uses which may be made of the information, TOXICS TARGETING, INC. DISCLAIMS LIABILITY TO ANYONE FOR ANY EVENTS ARISING OUT OF THE USE OF THE INFORMATION. TOXICS TARGETING, INC. SHALL NOT BE LIABLE FOR ANY DAMAGE CAUSED BY THIS REPORT, WHETHER DIRECT OR INDIRECT, AND WHETHER OR NOT TOXICS TARGETING, INC. HAS BEEN ADVISED OF OR HAS KNOWLEDGE OF THE POSSIBILITY OF SUCH DAMAGES. TOXICS TARGETING, INC. EXPRESSLY DISCLAIMS ANY AND ALL IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE. Some jurisdictions do not allow the exclusion or limitation of incidental or consequential damages, so the above exclusion or limitation may not apply to you.

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The period of warranty coverage is ninety days from the date of purchase of this Report. There shall be no warranty after the period of coverage. ANY AND ALL IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR PARTICULAR USE SHALL HAVE NO GREATER DURATION THAN THE PERIOD OF WARRANTY STATED HERE, AND SHALL TERMINATE AUTOMATICALLY UPON THE EXPIRATION OF SUCH PERIOD. Some jurisdictions do not allow limitations on how long an implied warranty lasts, so the above exclusion or limitation may not apply to you.

PLEASE REFER TO PAGES ONE AND FOUR FOR A DESCRIPTION OF SOME OF THE LIMITATIONS OF THIS COMPUTERIZED ENVIRONMENTAL REPORT.

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- *How to Use Your Report*
- *Toxic Site Databases Analyzed In Your Report*
- *Limitations Of the Information In Your Report*

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- *Table Two: Identified Toxic Sites By Direction*
- *Table Three: Identified Toxic Sites Ranked by Proximity*
- *Table Four: Identified Toxic Sites By Category*
- *Map One: One-Mile Radius Map*
- *Map Two: Half-Mile Radius Map*
- *Map Three: Quarter-Mile Radius Map*
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- *Unmappable Sites*
- *Hazardous Waste Codes*
- *How Toxic Sites Are Mapped*
- *Information Source Guide*

Introduction

Toxics Targeting has combined environmental database searches, extensive regulatory analysis and sophisticated mapping techniques to produce your *Computerized Environmental Report*. It checks for the presence of 19 categories of government-reported toxic sites and provides detailed, up-to-date information on each identified site. The findings of your report are presented in an easy-to-understand format that:

1. ***Maps*** the approximate locations of selected government-reported toxic sites identified on or near a specified target address.
2. ***Estimates*** the distance and direction between the target address and each identified toxic site.
3. ***Reports*** air and water permit non-compliance and other regulatory violations.
4. ***Profiles*** some aspects of the usage, manufacture, storage, handling, transport or disposal of toxic chemicals at individual sites.
5. ***Summarizes*** some potential health effect information and drinking water standards for selected chemicals reported at individual sites.

The Three Sections Of Your Report

The first section highlights your report's findings by summarizing identified sites according to: **a)** distance intervals, **b)** direction, **c)** proximity to the target address and **d)** individual site categories. In addition, the locations of all identified toxic sites are illustrated on individual maps for each radius search distance used in your report. Finally, a close-up map illustrates the locations of all identified toxic sites, at the shortest radius search distance used in your report.

The second section of your report contains *Toxic Site Profiles* that provide detailed information on each identified toxic site. The information in each *Toxic Site Profile* varies according to its source. Some toxic site categories have extensive information, some have limited information. All the information is updated on a regular basis.

The third section of the report contains appendices that identify: **1)** on-site spills reported to the national Emergency Response Notification System (ERNS), **2)** various toxic sites that cannot be mapped due to incomplete or erroneous addresses or other mapping problems, **3)** codes that characterize hazardous wastes reported at various facilities, **4)** methods used to map toxic sites identified in your report and **5)** information sources used in your report.

How to Use Your Report

- Check Table One to see the number of identified sites by distance intervals.
- Check Table Two to see identified sites sorted by direction.
- Check Table Three to see identified sites ranked by proximity to the target address.
- Check Table Four to see identified sites sorted by site categories.
- Refer to the various maps to see the locations of identified toxic sites. Refer to the *Toxic Site Profile* and *Appendix* sections for additional information.

Toxic Site Databases Analyzed In Your Report

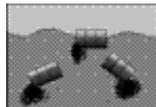
Search Radius

One-Mile



1) ***New York Inactive Hazardous Waste Disposal Site Registry***: a state listing of sites that can pose environmental or public health hazards requiring investigation or clean up.

One-Mile



2) ***CERCLIS*** (Comprehensive Environmental Response, Compensation and Liability Information System): a federal listing of sites that can pose environmental or public health hazards requiring investigation or clean up.

One-Mile



3) ***National Priority List for Federal Superfund Cleanup***: a listing of sites known to pose environmental or health hazards that are being investigated or cleaned up under the Federal Superfund program.

One-Mile



4) ***New York Hazardous Substance Disposal Site Draft Study***: a state listing of sites contaminated with toxic substances that can pose environmental or public health hazards. These sites are not eligible for state clean up funding programs.

One-Mile



5) ***New York State Brownfield Cleanup Sites***: a listing of sites that are abandoned, idled or under-used industrial and commercial sites where expansion or redevelopment is complicated by real or perceived environmental contamination.

One-Mile



6) ***New York Solid Waste Facilities Registry, including New York City 1934 Sites***: active and inactive landfills, incinerators, transfer stations or other solid waste management facilities.

One-Mile



7) ***New York State Major Oil Storage Facilities***: sites with more than a 400,000 gallon capacity for storing petroleum products.

One-Mile



8) ***New York and Federal Hazardous Waste Treatment, Storage or Disposal Facilities***: sites reported by the NYS manifest system and the USEPA's Resource Conservation and Recovery Act Information System.

- ***RCRA violations***: waste facilities with violations reported by the USEPA pursuant to the Resource Conservation and Recovery Act.

One-Mile



9) ***RCRA Corrective Action Activity (CORRACTS)***: waste facilities with RCRA corrective action activity reported by the USEPA.

Half-Mile



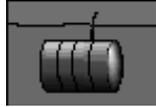
10a) ***Toxic Spills: active*** stationary source spills reported to state environmental authorities, including unremediated leaking underground storage tanks.

Half-Mile



10b) ***Toxic Spills: closed*** stationary and non-stationary source spills reported to state authorities, including remediated leaking underground storage tanks.

Quarter-Mile



11) ***New York and Local Petroleum Bulk Storage Facilities:*** sites with more than an 1,100 gallon capacity for storing petroleum products.

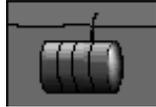
Quarter-Mile



12) ***New York and Federal Hazardous Waste Generators and Transporters:*** sites reported by the NYS manifest system and the USEPA's Resource Conservation and Recovery Act Information System.

- ***RCRA violations:*** waste facilities with violations reported by the USEPA pursuant to the Resource Conservation and Recovery Act.

Quarter-Mile



13) ***New York Chemical Bulk Storage Facilities:*** Sites storing hazardous substances listed in 6 NYCRR Part 597 in aboveground tanks with capacities of 185 gallons or more and/or underground tanks of any size

Quarter-Mile



14) ***Federal Toxic Release Inventory Facilities:*** discharges of selected toxic chemicals to air, land, water or treatment facilities.

Quarter-Mile



15) ***Historic New York City Utility Sites (1890's to 1940's):*** power generating stations, manufactured gas plants, gas storage facilities, maintenance yards and other gas and electric utility sites.

Quarter-Mile



16) ***Air Discharges:*** Air pollution point sources monitored by U.S. EPA and/or state and local air regulatory agencies.

Quarter-Mile



17) ***Federal Permit Compliance System Toxic Wastewater Discharges:*** permitted toxic wastewater discharges.

Quarter-Mile



18) ***Federal Civil and Administrative Enforcement Docket:*** judiciary cases filed on behalf of the U. S. Environmental Protection Agency by the Department of Justice.

Property only



19) ***ERNS: Federal Emergency Response Notification System Spills:*** a listing of federally reported spills.

Limitations Of The Information In Your Report

The information presented in your *Computerized Environmental Report* has been obtained from various local, state and federal government agencies. Please be aware that: 1) additional information on individual sites may be available, 2) newly discovered sites are continually reported and 3) all map locations are approximate. As a result, this report is intended to be the FIRST STEP in the process of identifying and evaluating possible environmental threats to specific properties and can only serve as a guide for conducting on-site visits or additional, more detailed toxic hazard research.

Toxics Targeting tries to ensure that the information in your report is presented accurately and with minimal alteration. The only systematic changes that are made correct obvious address errors in order to allow sites to be mapped. Any address changes that are made are noted in the map information section at the top of each corresponding *Toxic Site Profile*. Since the information presented in your report is not edited, please be aware that it can contain reporting errors or typographical mistakes made by the site owners/operators or government agencies that produced the information. Please be aware of some other limitations of the information in your report:

- The computerized map used by *Toxics Targeting* is the same one used by the U. S. Census. While the map is generally accurate, no map is perfect. In addition, *Toxics Targeting's* mapping methods estimate where toxic site addresses are located if the address is not specifically designated on the Census map. FOR THESE REASONS, ALL MAP LOCATIONS OF ADDRESSES AND REPORTED TOXIC SITES SHOULD BE CONSIDERED APPROXIMATE AND SHOULD BE VERIFIED BY ON-SITE VISITS;
- UNDISCOVERED, UNREPORTED OR UNMAPPABLE TOXIC SITES MIGHT NOT BE IDENTIFIED BY THIS REPORT'S CHECK OF 19 TOXIC SITE CATEGORIES. TOXIC SITES REPORTED IN OTHER GOVERNMENT DATABASES MIGHT ALSO EXIST. FOR THESE REASONS, YOUR REPORT MIGHT NOT IDENTIFY ALL THE TOXIC SITES THAT EXIST IN THE AREA IT SEARCHES;
- The appendix of your report contains a listing of sites that could not be mapped due to incomplete or erroneous address information or other mapping problems. This listing includes unmappable toxic sites in zip code areas within one mile of the target address as well as toxic sites without zip codes reported in the same county. IF YOU WOULD LIKE INFORMATION ON ANY OF THE LISTED SITES, PLEASE CONTACT *TOXICS TARGETING* AND REFER TO THE SITE ID NUMBER.
- Some toxic sites identified in your report may be classified as **known hazards**. Most of the toxic sites identified in your report involve **potential hazards** related to the on-site use, manufacture, handling, storage, transport or disposal of toxic chemicals. Some of the toxic sites identified in your report may be the addresses of parties responsible for toxic sites located elsewhere. YOU SHOULD ONLY CONCLUDE THAT TOXIC HAZARDS ACTUALLY EXIST AT A SPECIFIC SITE WHEN GOVERNMENT AUTHORITIES MAKE THAT DETERMINATION OR WHEN THAT CONCLUSION IS FULLY DOCUMENTED BY THE FINDINGS OF AN APPROPRIATE SITE INVESTIGATION UNDERTAKEN BY LICENSED PROFESSIONALS;
- Compass directions and distances are approximate. Compass directions are calculated from the subject property address to the mapped location of each identified toxic site. The compass direction does not necessarily refer to the closest property boundary of an identified toxic site. The compass direction also can vary substantially for toxic sites that are located very close to the subject property address.
- The information presented in your report is a summary of the information that *Toxics Targeting* obtains from government agencies on reported toxic sites. YOU MAY BE ABLE TO OBTAIN ADDITIONAL INFORMATION ABOUT REPORTED SITES WITH THE FREEDOM OF INFORMATION REQUEST FORM LETTERS THAT ARE PROVIDED ON THE INSIDE OF THE BACK COVER.

Section One:

Report Summary

- *Table One: Number of Identified Toxic Sites By Distance Interval*
- *Table Two: Identified Toxic Sites By Direction*
- *Table Three: Identified Toxic Sites Ranked By Proximity*
- *Table Four: Identified Toxic Sites By Category*
- *Map One: One-Mile Radius Map*
- *Map Two: Half-Mile Radius Map*
- *Map Three: Quarter-Mile Radius Map*
- *Map Four: Quarter-Mile Radius Close up Map*

NUMBER OF IDENTIFIED SITES BY DISTANCE INTERVAL

| Database Searched | 0 - 100 ft | 100 ft - 1/8 mi | 1/8 mi - 1/4 mi | 1/4 mi - 1/2 mi | 1/2 mi - 1 mi | Site(s) Category Totals |
|--|------------|-----------------|-----------------|-----------------|---------------|-------------------------------|
| NYS Inactive Haz Waste Registry or Reg. Qualifying Sites * | 0 | 0 | 0 | 0 | 1 | 1 |
| CERCLIS Sites * | 0 | 0 | 0 | 3 | 1 | 4 |
| National Priority List Sites * | 0 | 0 | 0 | 0 | 0 | 0 |
| Hazardous Substance Waste Disposal Sites * | 0 | 0 | 0 | 1 | 0 | 1 |
| Brownfields Sites * | 0 | 0 | 0 | 3 | 3 | 6 |
| NYS Solid Waste Facilities * | 0 | 0 | 1 | 3 | 7 | 11 |
| NYS Major Oil Storage Facilities * | 0 | 0 | 0 | 1 | 1 | 2 |
| RCRA Hazardous Waste Treatment, Storage, Disposal Sites * | 0 | 0 | 0 | 0 | 1 | 1 |
| RCRA Corrective Action Sites * | 0 | 0 | 0 | 0 | 0 | 0 |
| NYS Toxic Spills incl. Leaking Undergrnd Storage Tanks ** | 4 | 34 | 60 | 150(109) | Not searched | 248(109) |
| Local & State Petroleum Bulk Storage Sites *** | 1 | 21 | 58 | Not searched | Not searched | 80 |
| RCRA Hazardous Waste Generators & Transporters *** | 2 | 15 | 26 | Not searched | Not searched | 43 |
| NYS Chemical Bulk Storage Sites *** | 0 | 0 | 0 | Not searched | Not searched | 0 |
| Toxic Release Inventory Sites (TRI) *** | 0 | 0 | 0 | Not searched | Not searched | 0 |
| Historic Utility Facilities *** | 0 | 1 | 0 | Not searched | Not searched | 1 |
| Permit Compliance System Toxic Wastewater Discharges *** | 0 | 0 | 0 | Not searched | Not searched | 0 |
| NYS Air Discharges *** | 0 | 1 | 6 | Not searched | Not searched | 7 |
| Civil & Administrative Enforcement Docket Facilities *** | 0 | 0 | 1 | Not searched | Not searched | 1 |
| ERNS (Onsite) ***** | 0 | Not searched | Not searched | Not searched | Not searched | 0 |
| NYC Fire Marshall Tank Sites (Onsite) ***** | 0 | Not searched | Not searched | Not searched | Not searched | 0 |
| Distance Interval Totals | 7 | 72 | 152 | 161(109) | 14 | 406(109) |

Search Radius: * 1 Mile Search Radius ** 1/2 Mile Search Radius *** 1/4 Mile Search Radius **** 1/8 Mile Search Radius ***** on-site only

Numbers in () indicate spills not mapped and profiled, and are found in the tables at the end of the active and closed spills sections. See these tables for a description of the parameters involved with identifying these spills.

Identified Toxic Sites by Direction

Flushing Commons Flushing, NY 11354

* Compass directions can vary substantially for sites located very close to the subject property address.

Sites less than 100 feet from subject property sorted by distance

| Map Id# | Site Name | Site Street | Approximate Distance & Direction From Property | Toxic Site Category |
|---------|-------------------------|------------------------|--|---|
| 109 | 38TH AVE | UNION ST. | 0 feet | Closed Status Spill (Unk/Other Cause) |
| 220 | VS 1231 EAST SIDE UNION | ST 37TH AVE 17FT NORTH | 0 feet | Closed Status Spill (Misc. Spill Cause) |
| 354 | NYCDOT | 138TH/37TH AVE | 0 feet | Hazardous Waste Generator/Transporter |
| 355 | VELVET TOUCH CLEANERS | 3902 UNION STREET | 6 feet to the ESE* | Hazardous Waste Generator/Transporter |
| 274 | 109TH POLICE PRECINCT | 37-05 UNION STREET | 23 feet to the NE* | Petroleum Bulk Storage Site |
| 32 | 109 PRECINCT NYPD -DDC | 3705 UNION STREET | 30 feet to the NE* | Active Tank Test Failure |
| 221 | NYC PD 109TH PRE. | 3705 UNION ST | 30 feet to the NE* | Closed Status Spill (Misc. Spill Cause) |

Sites between 100 ft and 660 ft from the subject property sorted by direction and distance

| Map Id# | Site Name | Site Street | Approximate Distance & Direction From Property | Toxic Site Category |
|---------|-----------------------------|---------------------------|--|---|
| 120 | BLACKTOP | 137-58 NORTHERN BLVD R/O | 553 feet to the N | Closed Status Spill (Unk/Other Cause) |
| 291 | FLUSHING ARMORY (QNTF) | 137-58 NORTHERN BLVD | 560 feet to the N | Petroleum Bulk Storage Site |
| 292 | FLUSHING YMCA | 138-46 NORTHERN BLVD | 565 feet to the N | Petroleum Bulk Storage Site |
| 235 | BUS#614 | NORTHERN BLVD/UNION ST. | 586 feet to the N | Closed Status Spill (Misc. Spill Cause) |
| 364 | BELL ATLANTIC-NY | RTHERN BLVD W/O UNION ST | 586 feet to the N | Hazardous Waste Generator/Transporter |
| 367 | SEARS UNIT 3244 | 137 61 NORTHERN BLVD | 607 feet to the N | Hazardous Waste Generator/Transporter |
| 222 | 142-22 37TH AVE | 142-22 37TH AVE | 143 feet to the NE* | Closed Status Spill (Misc. Spill Cause) |
| 223 | RESIDENCE | 142 -24 38 AVE | 153 feet to the ENE* | Closed Status Spill (Misc. Spill Cause) |
| 275 | THE IMPERIAL | 142-24 38TH AVE | 153 feet to the ENE* | Petroleum Bulk Storage Site |
| 368 | CONSOLIDATED EDISON CO | V9370 BOWNE ST & 38TH AVE | 633 feet to the ENE | Hazardous Waste Generator/Transporter |
| 369 | CONSOLIDATED EDISON | V4057 - BOWNE & 38TH AVE | 633 feet to the ENE | Hazardous Waste Generator/Transporter |
| 370 | CONSOLIDATED EDISON | V5202-BOWNE ST & 38TH AVE | 633 feet to the ENE | Hazardous Waste Generator/Transporter |
| 295 | PISTILLI ASSOCIATES II, LLC | 38-15 BOWNE STREET | 655 feet to the ENE | Petroleum Bulk Storage Site |
| 110 | 142-05 ROOSEVELT AVE | 142-05 ROOSEVELT AVE A330 | 220 feet to the ESE | Closed Status Spill (Unk/Other Cause) |
| 277 | THE BARBIZON | 142-05 ROOSEVELT AVENUE | 227 feet to the ESE | Petroleum Bulk Storage Site |
| 280 | GLEN ORA | 142-10 ROOSEVELT AVE | 280 feet to the ESE | Petroleum Bulk Storage Site |
| 281 | 142-10 ROOSEVELT AVENUE | 142-10 ROOSEVELT AVENUE | 280 feet to the ESE | Petroleum Bulk Storage Site |
| 362 | MARCELLE FRENCH CLEANERS | 142-60 ROOSEVELT AVENUE | 476 feet to the ESE | Hazardous Waste Generator/Transporter |
| 111 | MANHOLE 1698 | ROOSEVELT AVE NEAR UNION | 246 feet to the SE | Closed Status Spill (Unk/Other Cause) |
| 357 | CONSOLIDATED EDISON | #7564 - UNION ST | 246 feet to the SE | Hazardous Waste Generator/Transporter |
| 282 | FDNY - ENG. 273/LADDER 139 | 40-18 UNION STREET | 293 feet to the SE | Petroleum Bulk Storage Site |
| 276 | WILLIAMSBURG SAVINGS BANK | 136-65 ROOSEVELT AVENUE | 214 feet to the SSE | Petroleum Bulk Storage Site |

| | | | | |
|-----|-----------------------------|----------------------------|---------------------|---|
| 78 | QUEENS CO SAVINGS BANK | 136-65 ROOSEVELT AVE | 219 feet to the SSE | Closed Status Tank Test Failure |
| 26 | 136-68 ROOSEVELT AVE. | 136-68 ROOSEVELT AVE. | 273 feet to the SSE | Active Tank Failure |
| 225 | BEAUTY PARLOR | 136-84 ROOSEVELT AVE | 273 feet to the SSE | Closed Status Spill (Misc. Spill Cause) |
| 226 | 136-84 ROOSEVELT AVENUE | 136-84 ROOSEVELT AVENUE | 273 feet to the SSE | Closed Status Spill (Misc. Spill Cause) |
| 227 | 136-84 ROOSEVELT AVENUE | 136-84 ROOSEVELT AVENUE | 273 feet to the SSE | Closed Status Spill (Misc. Spill Cause) |
| 279 | STERNS | 136-50 ROOSEVELT AVE | 266 feet to the S | Petroleum Bulk Storage Site |
| 358 | MACYS #185 | 136-50 ROOSEVELT AVE | 266 feet to the S | Hazardous Waste Generator/Transporter |
| 224 | 136-31 ROOSEVELT AVE. | 136-31 ROOSEVELT AVE. | 211 feet to the SSW | Closed Status Spill (Misc. Spill Cause) |
| 79 | 136-21 ROOSEVELT AVENUE | 136-21 ROOSEVELT AVENUE | 250 feet to the SSW | Closed Status Tank Test Failure |
| 278 | PI ASSOCIATES, L.L.C. | 136-21 ROOSEVELT AVE | 256 feet to the SSW | Petroleum Bulk Storage Site |
| 236 | 40-23 MAIN ST | 40-23 MAIN ST | 607 feet to the SSW | Closed Status Spill (Misc. Spill Cause) |
| 80 | 39-15 MAIN STREET | 39-15 MAIN ST | 351 feet to the SW | Closed Status Tank Test Failure |
| 228 | 39-01 MAIN STREET | 39-01 MAIN STREET | 354 feet to the SW | Closed Status Spill (Misc. Spill Cause) |
| 283 | CHASE MANHATTAN BANK BR#111 | 39-15 MAIN STREET | 358 feet to the SW | Petroleum Bulk Storage Site |
| 284 | GERSON PROPERTIES | 39-01 MAIN STREET | 361 feet to the SW | Petroleum Bulk Storage Site |
| 113 | MANHOLE # 11103 | MAIN ST/39TH AVE | 383 feet to the SW | Closed Status Spill (Unk/Other Cause) |
| 114 | MANHOLE 11103 | MAIN ST/39TH AVE | 383 feet to the SW | Closed Status Spill (Unk/Other Cause) |
| 229 | MANHOLE 416 | 39TH AVE & MAIN ST | 383 feet to the SW | Closed Status Spill (Misc. Spill Cause) |
| 397 | | | 384 feet to the SW | Historic Utility Site |
| 230 | | 3914 MAIN ST | 410 feet to the SW | Closed Status Spill (Misc. Spill Cause) |
| 116 | MAN HOLE 15679 | ROOSEVELT AV/MAIN ST | 441 feet to the SW | Closed Status Spill (Unk/Other Cause) |
| 117 | MANHOLE #22493 | ROOSEVELT AV & MAIN ST | 441 feet to the SW | Closed Status Spill (Unk/Other Cause) |
| 118 | MANHOLE 10270 | ROOSEVELT AV/MAIN ST | 441 feet to the SW | Closed Status Spill (Unk/Other Cause) |
| 232 | MAIN STREET & | ROOSEVELT AVE & MAIN ST | 441 feet to the SW | Closed Status Spill (Misc. Spill Cause) |
| 361 | NYCTA | FLUSHING STATION-QUEENS | 441 feet to the SW | Hazardous Waste Generator/Transporter |
| 27 | FORMER QUEENS BANK | 38-25 MAIN STREET | 370 feet to the WSW | Active Tank Failure |
| 81 | CLOSED-LACKOF RECENT INFO | 38-25 MAIN STREET | 370 feet to the WSW | Closed Status Tank Test Failure |
| 112 | 38-01 MAIN STREET | 38-01 MAIN STREET | 374 feet to the WSW | Closed Status Spill (Unk/Other Cause) |
| 285 | QUEENS COUNTY SAVINGS BANK | 38-25 MAIN ST | 376 feet to the WSW | Petroleum Bulk Storage Site |
| 286 | 38-15 MAIN ST | 38-15 MAIN ST | 378 feet to the WSW | Petroleum Bulk Storage Site |
| 115 | SERVICE BOX #8416 | MAIN ST/38TH AV | 404 feet to the WSW | Closed Status Spill (Unk/Other Cause) |
| 359 | CONSOLIDATED EDISON | V8601 - MAIN ST & 38TH AVE | 404 feet to the WSW | Hazardous Waste Generator/Transporter |
| 360 | CONSOLIDATED EDISON | V8861-38TH & MAIN ST | 404 feet to the WSW | Hazardous Waste Generator/Transporter |
| 287 | 37-29 MAIN ST | 37-29 MAIN ST | 389 feet to the W | Petroleum Bulk Storage Site |
| 231 | | 37 AVE AND MAIN ST | 421 feet to the W | Closed Status Spill (Misc. Spill Cause) |
| 288 | FUTURAMA INTERIORS | 37-02 MAIN ST | 444 feet to the W | Petroleum Bulk Storage Site |
| 356 | ADT SECURITIES | 136-25 37TH AVE | 212 feet to the WNW | Hazardous Waste Generator/Transporter |
| 289 | THE BANK OF NEW YORK | 36-63 MAIN STRETT | 475 feet to the WNW | Petroleum Bulk Storage Site |
| 233 | 137-28 NORTHERN BLVD | 137-28 NORTHERN BLVD | 544 feet to the NW | Closed Status Spill (Misc. Spill Cause) |
| 119 | VERIZON | 137-34 NORTHERN BLVD | 545 feet to the NW | Closed Status Spill (Unk/Other Cause) |
| 234 | VAULT 3119 | 137-34 NORTHERN BLVD | 545 feet to the NW | Closed Status Spill (Misc. Spill Cause) |
| 290 | BELL ATLANTIC | 137-34 NORTHERN BOULEVARD | 552 feet to the NW | Petroleum Bulk Storage Site |
| 363 | BELL ATLANTIC-NY | LINDEN PL/NORTHERN BLVD | 574 feet to the NW | Hazardous Waste Generator/Transporter |
| 365 | NEW YORK CITY OF | 137-35 NORTHERN BLVD | 597 feet to the NW | Hazardous Waste Generator/Transporter |
| 293 | EXXONMOBIL S/S #17-GYX | 137-17 NORTHERN BLVD | 604 feet to the NW | Petroleum Bulk Storage Site |
| 366 | LAIS AUTO SVC CORP | 137-17 NORTHERN BLVD | 604 feet to the NW | Hazardous Waste Generator/Transporter |

| | | | | |
|-----|---------------------------------|----------------------|---------------------|---|
| 398 | MOBIL | 137-17 NORTHERN BLVD | 618 feet to the NW | Air Discharge Site |
| 294 | MAG AUTOMOTIVE ENTERPRISES INC. | 137-07 NORTHERN BLVD | 629 feet to the NW | Petroleum Bulk Storage Site |
| 121 | SEARS | 137-45 NORTHERN BLVD | 607 feet to the NNW | Closed Status Spill (Unk/Other Cause) |
| 237 | SEARS | 137-45 NORTHERN BLVD | 607 feet to the NNW | Closed Status Spill (Misc. Spill Cause) |

Sites equal to or greater than 660 ft from subject property sorted by direction and distance

| Map Id# | Site Name | Site Street | Approximate Distance & Direction From Property | Toxic Site Category |
|---------|--|---------------------------|--|---|
| 323 | 137-36 LEAVITT STREET | 137-36 LEAVITT STREET | 962 feet to the N | Petroleum Bulk Storage Site |
| 252 | 138-22 35TH AVE/QUEENS | 138-22 35TH AVENUE | 1027 feet to the N | Closed Status Spill (Misc. Spill Cause) |
| 381 | CONSOLIDATED EDISON | 34 67 LEAVITT & 35 AVE | 1058 feet to the N | Hazardous Waste Generator/Transporter |
| 382 | NYCDEP | 35TH & LEAVITT ST | 1058 feet to the N | Hazardous Waste Generator/Transporter |
| 405 | FLUSHING H S | 35-01 UNION ST | 1067 feet to the N | Civil & Admin. Enforcement Docket Site |
| 333 | FLUSHING H S - Q 460 | 35-01 UNION ST | 1070 feet to the N | Petroleum Bulk Storage Site |
| 386 | NEW YORK CITY BOARD OF EDUCATION | FLUSHING HIGH SCHOOL | 1070 feet to the N | Hazardous Waste Generator/Transporter |
| 334 | FLUSHING MANOR CARE CENTER | 139-66 35 AVENUE | 1072 feet to the N | Petroleum Bulk Storage Site |
| 46 | MANHOLE 12839 | UNION ST/35TH AVE | 1075 feet to the N | Active Haz Spill (Unknown/Other Cause) |
| 387 | CONSOLIDATED EDISON | V2983-35TH AVE & UNION ST | 1075 feet to the N | Hazardous Waste Generator/Transporter |
| 388 | CONSOLIDATED EDISON | V2983-35TH AVE & UNION ST | 1075 feet to the N | Hazardous Waste Generator/Transporter |
| 335 | PUBLIC SCHOOL 23 | 138-11 35TH AVE. | 1080 feet to the N | Petroleum Bulk Storage Site |
| 389 | QUEENS ACADEMY OF THE OUTREACH PROGRAM | 138-11 35TH ST | 1080 feet to the N | Hazardous Waste Generator/Transporter |
| 339 | KINGSTON | 139-55 35TH AVENUE | 1112 feet to the N | Petroleum Bulk Storage Site |
| 341 | ROSE TERRACE | 139-81 35TH AVENUE | 1124 feet to the N | Petroleum Bulk Storage Site |
| 12 | BEECHHURST SHORES | 139-81 35 AVENUE | 1137 feet to the N | Solid Waste Facility |
| 144 | 139-29 34TH RD/QUEENS | 139-29 34TH ROAD | 1492 feet to the N | Closed Status Spill (Unk/Other Cause) |
| 145 | | 34-10 UNION ST | 1524 feet to the N | Closed Status Spill (Unk/Other Cause) |
| 41 | LEAVITT HOUSES -NYCHA | 139010 34TH ST/LEAVITT HS | 1765 feet to the N | Active Tank Test Failure |
| 75 | LEAVITT HOUSES | 139-10 34TH AVENUE | 1765 feet to the N | Closed Status Tank Failure |
| 185 | MANHOLE 1461 | NW 140TH ST AT 32ND AVE | 2242 feet to the N | Closed Status Spill (Unk/Other Cause) |
| 190 | MANHOLE 1462 | 32ND AV/LEAVITT AV | 2313 feet to the N | Closed Status Spill (Unk/Other Cause) |
| 61 | MANHOLE # 16057 | UNION ST 32 AVE | 2392 feet to the N | Active Haz Spill (Unknown/Other Cause) |
| 194 | FLUSHING BAY | UNION ST / 32ND AVE | 2392 feet to the N | Closed Status Spill (Unk/Other Cause) |
| 312 | 36-11 BOWNE ST | 36-11 BOWNE ST | 813 feet to the NNE | Petroleum Bulk Storage Site |
| 82 | 141-08 NORTHERN BLVD/QUNS | 141-08 NORTHERN BLVD | 817 feet to the NNE | Closed Status Tank Test Failure |
| 125 | | NORTHERN BLVD/BOWNE ST | 827 feet to the NNE | Closed Status Spill (Unk/Other Cause) |
| 315 | N.B. OWNERS INC. | 141-05 NORTHERN BLVD. | 851 feet to the NNE | Petroleum Bulk Storage Site |
| 318 | 141-25 OWNERS CORP | 141-25 NORTHERN BLVD | 882 feet to the NNE | Petroleum Bulk Storage Site |
| 128 | 141-25 NORTHERN BLVD/QUNS | 141-25 NORTHERN BLVD | 887 feet to the NNE | Closed Status Spill (Unk/Other Cause) |
| 189 | MANHOLE #1476 | PARSON BLVD & 33RD AVE | 2285 feet to the NNE | Closed Status Spill (Unk/Other Cause) |
| 298 | 36-40 BOWNE STREET | 36-40 BOWNE STREET | 690 feet to the NE | Petroleum Bulk Storage Site |
| 299 | 36-40 BOWNE STREET | 36-40 BOWNE ESTREET | 690 feet to the NE | Petroleum Bulk Storage Site |
| 245 | 3620 BOWNE ST | 3620 BOWNE ST | 739 feet to the NE | Closed Status Spill (Misc. Spill Cause) |
| 307 | BOWNEVIEW LTD | 36-20 BOWNE ST | 744 feet to the NE | Petroleum Bulk Storage Site |
| 309 | 36-19 BOWNE ST | 36-19 BOWNE ST | 789 feet to the NE | Petroleum Bulk Storage Site |
| 84 | | 141-57 NORTHERN BL | 937 feet to the NE | Closed Status Tank Test Failure |
| 34 | SHELL | 141-54 NORTHERN BLVD | 1281 feet to the NE | Active Tank Test Failure |

| | | | | |
|-----|-------------------------------|---------------------------|----------------------|---|
| 69 | 141-54 NORTHERN BLVD. | 141-54 NORTHERN BLVD. | 1281 feet to the NE | Closed Status Tank Failure |
| 261 | SHELL STATION | 141-54 NORTHERN BLVD | 1281 feet to the NE | Closed Status Spill (Misc. Spill Cause) |
| 350 | PARSON'S AUTOCARE | 141-54 NORTHERN BLVD | 1286 feet to the NE | Petroleum Bulk Storage Site |
| 404 | SHELL OIL COMPANY | 141-54 NORTHERN BLVD | 1288 feet to the NE | Air Discharge Site |
| 395 | SHELL OIL COMPANY | 141-54 NORTHERN BOULEVARD | 1298 feet to the NE | Hazardous Waste Generator/Transporter |
| 138 | NORTHERN BLVD & PARSONS B | NORTHERN BLVD & PARSONS B | 1381 feet to the NE | Closed Status Spill (Unk/Other Cause) |
| 95 | FLUSHING SAVINGS BANK | 144-51 NORTHERN BLVD | 1573 feet to the NE | Closed Status Tank Test Failure |
| 96 | CLOSED-LACKOF RECENT INFO | 3506 PARSONS BLVD | 1584 feet to the NE | Closed Status Tank Test Failure |
| 97 | CLOSED-LACKOF RECENT INFO | 35006 PARSONS BLVD | 1584 feet to the NE | Closed Status Tank Test Failure |
| 98 | CLOSED-LACKOF RECENT INFO | 3506 PARSONS BLVD | 1584 feet to the NE | Closed Status Tank Test Failure |
| 147 | 35-06 PARSONS BLVD | 35-06 PARSONS BLVD | 1584 feet to the NE | Closed Status Spill (Unk/Other Cause) |
| 99 | 35-15 PARSONS BLVD/QUEENS | 35-15 PARSONS BLVD | 1607 feet to the NE | Closed Status Tank Test Failure |
| 218 | 35-19 147TH ST | 35-19 147TH ST | 2585 feet to the NE | Closed Status Spill (Unk/Other Cause) |
| 64 | P BOX 2940 | 35TH AV/147TH ST | 2588 feet to the NE | Active Haz Spill (Unknown/Other Cause) |
| 304 | BOWNETREE LTD | 143-15/17/19 38TH AVE | 731 feet to the ENE | Petroleum Bulk Storage Site |
| 308 | BOWNETREE LTD | 143-21/25 38 AV | 773 feet to the ENE | Petroleum Bulk Storage Site |
| 314 | HERITAGE HOUSE | 143-30 38TH AVE | 842 feet to the ENE | Petroleum Bulk Storage Site |
| 83 | 143-37 38TH AVE | 143-37 38TH AVE | 885 feet to the ENE | Closed Status Tank Test Failure |
| 320 | HERITAGE WEST | 143-37 38TH AVE | 885 feet to the ENE | Petroleum Bulk Storage Site |
| 255 | 143-20 37TH AVENUE | 143-20 37TH AVENUE | 1085 feet to the ENE | Closed Status Spill (Misc. Spill Cause) |
| 336 | 143-20 37TH AVE | 143-20 37TH AVE | 1085 feet to the ENE | Petroleum Bulk Storage Site |
| 90 | | 37-14 PARSONS BLVD | 1294 feet to the ENE | Closed Status Tank Test Failure |
| 262 | 37-04 PARSONS BLVD | 37-04 PARSONS BLVD | 1294 feet to the ENE | Closed Status Spill (Misc. Spill Cause) |
| 351 | HERITAGE EAST-WEST | 37-14 PARSONS BLVD | 1300 feet to the ENE | Petroleum Bulk Storage Site |
| 352 | 37-04 PARSONS BLVD | 37-04 PARSONS BLVD | 1301 feet to the ENE | Petroleum Bulk Storage Site |
| 263 | VAULT 8645 | 38TTH AVE PARSONS BLVD | 1319 feet to the ENE | Closed Status Spill (Misc. Spill Cause) |
| 137 | | 38-25 PARSON AVE | 1347 feet to the ENE | Closed Status Spill (Unk/Other Cause) |
| 91 | CLOSED-LACKOF RECENT INFO | 37015 PARSONS BLVD | 1353 feet to the ENE | Closed Status Tank Test Failure |
| 93 | LONG ISLAND CARE CENTER | 144-61 38TH AV | 1526 feet to the ENE | Closed Status Tank Test Failure |
| 94 | | 144-20 38TH AV | 1542 feet to the ENE | Closed Status Tank Test Failure |
| 106 | EXXONMOBIL | 147-10 NORTHERN BLVD | 2468 feet to the ENE | Closed Status Tank Test Failure |
| 202 | MOBIL | 147-10 NORTHERN BLVD | 2468 feet to the ENE | Closed Status Spill (Unk/Other Cause) |
| 208 | 147-30 38TH AVE | 147-30 38TH AVE | 2509 feet to the ENE | Closed Status Spill (Unk/Other Cause) |
| 122 | MANHOLE #13533 | ROOSEVELT AV & BOWNE | 678 feet to the E | Closed Status Spill (Unk/Other Cause) |
| 371 | CONSOLIDATED EDISON CO | V8214-BOWNE AND ROOSEVELT | 678 feet to the E | Hazardous Waste Generator/Transporter |
| 305 | BOWNE STREET COMMUNITY CHURCH | 143-11 ROOSEVELT AVENUE | 736 feet to the E | Petroleum Bulk Storage Site |
| 306 | ROOSEVELT HOUSE | 143-08 ROOSEVELT AVE | 739 feet to the E | Petroleum Bulk Storage Site |
| 319 | 143-30 ROOSEVELT AVE | 143-30 ROOSEVELT AVE | 884 feet to the E | Petroleum Bulk Storage Site |
| 254 | 143-54 ROOSEVELT AVE | 143-54 ROOSEVELT | 1048 feet to the E | Closed Status Spill (Misc. Spill Cause) |
| 35 | TTF- ROOSEVELT AVE | 144-25 ROOSEVELT AVE | 1418 feet to the E | Active Tank Test Failure |
| 140 | VAULT #1870 | 144-25 ROOSEVELT AVE | 1418 feet to the E | Closed Status Spill (Unk/Other Cause) |
| 143 | MANHOLE #13965 | 41ST AV & PARSONS BL | 1484 feet to the E | Closed Status Spill (Unk/Other Cause) |
| 193 | MANHOLE #13779 | N/S ROOSEVELT AV & 147TH | 2355 feet to the E | Closed Status Spill (Unk/Other Cause) |
| 107 | 147-10 41ST AVE | 147-10 41ST AVE | 2478 feet to the E | Closed Status Tank Test Failure |
| 301 | GEORGIAN HALL | 40-04 BOWNE ST | 700 feet to the ESE | Petroleum Bulk Storage Site |
| 321 | BOWNE REALTY | 143-05 41 AVE | 926 feet to the ESE | Petroleum Bulk Storage Site |
| 324 | KENDALL HALL | 41-10 BOWNE ST | 985 feet to the ESE | Petroleum Bulk Storage Site |
| 325 | FOXWOOD HOUSE CONDO | 41-07 BOWNE ST | 990 feet to the ESE | Petroleum Bulk Storage Site |
| 330 | 143-25 41ST AVE | 143-25 41ST AVE | 1031 feet to the ESE | Petroleum Bulk Storage Site |
| 342 | 143-43 41ST AVE TENANTS CORP | 143-43 41 ST AVENUE | 1131 feet to the ESE | Petroleum Bulk Storage Site |

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| 343 | HARWYN OWNERS CORP. | 143-40 41ST AVENUE | 1148 feet to the ESE | Petroleum Bulk Storage Site |
| 256 | | 143-40 41ST AV | 1152 feet to the ESE | Closed Status Spill (Misc. Spill Cause) |
| 132 | MANHOLE 16929 | BARKLEY AVE & BROWN ST | 1183 feet to the ESE | Closed Status Spill (Unk/Other Cause) |
| 344 | 41ST AVE REALTY | 143-48 41ST AVE | 1193 feet to the ESE | Petroleum Bulk Storage Site |
| 258 | 143-11 BARCLAY AVE | 143-11 BARCLAY AVENUE | 1197 feet to the ESE | Closed Status Spill (Misc. Spill Cause) |
| 259 | 143-55 41ST AVE | 143-55 41ST AVE | 1199 feet to the ESE | Closed Status Spill (Misc. Spill Cause) |
| 347 | GREEN PARK/SUSSEX | 143-06 BARCLAY AVE | 1225 feet to the ESE | Petroleum Bulk Storage Site |
| 348 | GREEN PARK/ESSEX | 143-23 BARCLAY AVE | 1254 feet to the ESE | Petroleum Bulk Storage Site |
| 73 | 143-33 SANFORD AVE | 143-33 SANFORD AVE | 1563 feet to the ESE | Closed Status Tank Failure |
| 266 | 143-30 SANFORD AVE | 143-30 SANFORD AVE | 1605 feet to the ESE | Closed Status Spill (Misc. Spill Cause) |
| 39 | 4137 PARSONS BLVD | 4137 PARSONS BLVD | 1705 feet to the ESE | Active Tank Test Failure |
| 101 | 41-37 PARSONS BLVD. | 41-37 PARSONS BLVD. | 1705 feet to the ESE | Closed Status Tank Test Failure |
| 169 | COMMERICAL BUS | SANFORD AVE PARSONS BLVD | 1906 feet to the ESE | Closed Status Spill (Unk/Other Cause) |
| 296 | MONACO EQUITIES CO. | 142-01 41ST AVE | 667 feet to the SE | Petroleum Bulk Storage Site |
| 372 | CONSOLIDATED EDISON CO | V9156 UNION & 41 | 690 feet to the SE | Hazardous Waste Generator/Transporter |
| 303 | SEAWANE | 142-41 41ST AVE | 715 feet to the SE | Petroleum Bulk Storage Site |
| 85 | NHE REALTY | 142-09 BARCLAY AVENUE | 985 feet to the SE | Closed Status Tank Test Failure |
| 326 | N H E REALTY CO | 142-09 BARCLAY AVE | 992 feet to the SE | Petroleum Bulk Storage Site |
| 327 | BARCLAY EQUITIES | 142-19 BARCLAY AVE | 998 feet to the SE | Petroleum Bulk Storage Site |
| 33 | C-HATTAN CORP. | 142-27 BARCLAY AVE | 999 feet to the SE | Active Tank Test Failure |
| 250 | C-HATTAN INC. (APTS) | 142-27 BARCLAY AVE | 999 feet to the SE | Closed Status Spill (Misc. Spill Cause) |
| 251 | 142-27 BARCLAY AVE | 142-27 BARCLAY AVE | 999 feet to the SE | Closed Status Spill (Misc. Spill Cause) |
| 329 | CHATTAN CORP | 142-27 BARCLAY AVE | 1004 feet to the SE | Petroleum Bulk Storage Site |
| 331 | STANTON CONDOMINIUM | 41-40 UNION ST | 1042 feet to the SE | Petroleum Bulk Storage Site |
| 332 | P S 20 | 142-30 BARCLAY AV | 1055 feet to the SE | Petroleum Bulk Storage Site |
| 141 | MAN HOLE #16942 | SANFORD AV & W OF BOWNE | 1426 feet to the SE | Closed Status Spill (Unk/Other Cause) |
| 142 | SANFORD AVE & BOWD ST/QUNS | SANFORD AVE & BOWD STREET | 1471 feet to the SE | Closed Status Spill (Unk/Other Cause) |
| 43 | FRANKLIN NURSING HOME | 142-27 FRANKLIN AVE | 1935 feet to the SE | Active Tank Test Failure |
| 68 | IN FRONT OF | 140-75 ASH AVE/BOUND STRE | 2191 feet to the SE | Active Haz Spill (Misc. Spill Cause) |
| 204 | 140-35 BEECH AVE | 140-35 BEECH AVE | 2476 feet to the SE | Closed Status Spill (Unk/Other Cause) |
| 136 | VAULT 4075 | UNION ST/SANFORD ST | 1338 feet to the SSE | Closed Status Spill (Unk/Other Cause) |
| 92 | 42 KISSENA REALTY | 42-02 KISSENA BLVD | 1377 feet to the SSE | Closed Status Tank Test Failure |
| 37 | APARTMENT BUILDING | 42-20 KISSENA BLVD. | 1529 feet to the SSE | Active Tank Test Failure |
| 42 | | 42-65 KISSENA BLVD | 1845 feet to the SSE | Active Tank Test Failure |
| 77 | 138-10 FRANKLIN AVE | 138-10 FRANKLIN AVE | 2231 feet to the SSE | Closed Status Tank Failure |
| 103 | | 43-10 KISSENA BLVD | 2231 feet to the SSE | Closed Status Tank Test Failure |
| 184 | MANHOLE 13535 | 138-10 FRANKLIN AVE | 2231 feet to the SSE | Closed Status Spill (Unk/Other Cause) |
| 105 | 43-32 KISSENA BLVD | 43-32 KISSENA BLVD | 2416 feet to the SSE | Closed Status Tank Test Failure |
| 197 | CARLISLE TOWERS | 43-32 KISSENA BLVD | 2416 feet to the SSE | Closed Status Spill (Unk/Other Cause) |
| 31 | CARLISLE TOWERS #3 | 42-49 COLDEN ST | 2562 feet to the SSE | Active Tank Failure |
| 219 | ON THE STREET | 42-55 COLDEN STREET | 2604 feet to the SSE | Closed Status Spill (Unk/Other Cause) |
| 44 | MULTIPLE DWELLING APT | 41-25 KISSENA BLVD | 849 feet to the S | Active Haz Spill (Unknown/Other Cause) |
| 127 | RESIDENTIAL FACILITY | 41-25 KISSENA BLVD | 849 feet to the S | Closed Status Spill (Unk/Other Cause) |
| 316 | PARK REGENT MANAGEMENT CORP. | 41-25 KISSENA BLVD., RM 112 | 854 feet to the S | Petroleum Bulk Storage Site |
| 376 | ROMANO VALET CLEANERS | 4133 KISSENA BLVD | 915 feet to the S | Hazardous Waste Generator/Transporter |
| 249 | BUS #8535 | INT OF 41ST AND MAIN ST | 970 feet to the S | Closed Status Spill (Misc. Spill Cause) |
| 391 | ACOUSTIC TECHNOLOGY | 41 29 MAIN ST (SUITE #150) | 1102 feet to the S | Hazardous Waste Generator/Transporter |
| 86 | 41-61 KISSENA BLVD/QUEENS | 41-61 KISSENA BLVD | 1113 feet to the S | Closed Status Tank Test Failure |
| 340 | FLUSHING PLAZA | 41-61 KISSENA BLVD | 1117 feet to the S | Petroleum Bulk Storage Site |
| 49 | MANHOLE # 11857 | SANFORD AVE/MAIN STREET | 1401 feet to the S | Active Haz Spill (Unknown/Other Cause) |

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| 70 | 41-60 MAIN ST/GREENPOINT | 41-60 MAIN ST/GREENPOINT | 1407 feet to the S | Closed Status Tank Failure |
| 72 | 4165 MAIN ST/QUEENS/USPS | 4165 MAIN STREET | 1466 feet to the S | Closed Status Tank Failure |
| 167 | MAHOLE 2725 | MAPLE AV/MAIN ST | 1878 feet to the S | Closed Status Spill (Unk/Other Cause) |
| 55 | APT BUILDING | 134-37 MAPLE AVE | 1982 feet to the S | Active Haz Spill (Unknown/Other Cause) |
| 178 | VS 6739 | 42-14 MAIN ST | 2042 feet to the S | Closed Status Spill (Unk/Other Cause) |
| 297 | MADISON HOUSE OWNERS CORP | 136-39 41ST AVE | 678 feet to the SSW | Petroleum Bulk Storage Site |
| 300 | ST MICHAELS R. C. CHURCH | 136-76 41 AVENUE | 699 feet to the SSW | Petroleum Bulk Storage Site |
| 302 | ST MICHAELS SCHOOL | 136-58 41ST AVE | 709 feet to the SSW | Petroleum Bulk Storage Site |
| 65 | 1 LIBRARY PLAZA | MAIN ST & KISSENA BLVD | 727 feet to the SSW | Active Haz Spill (Misc. Spill Cause) |
| 124 | MANHOLE 16934 | KISSENA BLVD & 41ST AVE | 727 feet to the SSW | Closed Status Spill (Unk/Other Cause) |
| 244 | 1 LIBRARY PLAZA | MAIN ST | 727 feet to the SSW | Closed Status Spill (Misc. Spill Cause) |
| 257 | | 133-38 41ST AVE | 1159 feet to the SSW | Closed Status Spill (Misc. Spill Cause) |
| 139 | BTWN MAIN/COLLEGE PT AVE | 41ST AVE & COLLEGE PT AVE | 1398 feet to the SSW | Closed Status Spill (Unk/Other Cause) |
| 163 | MAMHOLE 16147 | N SANFORD AVE/FRAME PL | 1793 feet to the SSW | Closed Status Spill (Unk/Other Cause) |
| 30 | | 132-40 SANFORD AVE | 2141 feet to the SSW | Active Tank Failure |
| 180 | CATCH BASIN | 41-33 COLLEGE POINT BLVD | 2145 feet to the SSW | Closed Status Spill (Unk/Other Cause) |
| 195 | INTERSECTION -NYCT | SANFORD AV/COLLEGE POINT | 2397 feet to the SSW | Closed Status Spill (Unk/Other Cause) |
| 196 | 8043 MANHOLE | STANFORD AVE/COLLEGE POIN | 2397 feet to the SSW | Closed Status Spill (Unk/Other Cause) |
| 199 | MANHOLE # 15583 | 4233 COLLEGE POINT BL | 2421 feet to the SSW | Closed Status Spill (Unk/Other Cause) |
| 129 | VAULT # 6640 | PRINCE ST & ROSEVELT AVE | 956 feet to the SW | Closed Status Spill (Unk/Other Cause) |
| 130 | MANHOLE 2754 | PRINCE STREET/ROOSEVELT | 956 feet to the SW | Closed Status Spill (Unk/Other Cause) |
| 248 | MH 11372 | PRINCE ST/ROOSEVELTE AV | 956 feet to the SW | Closed Status Spill (Misc. Spill Cause) |
| 28 | EXXONMOBIL S/S | 133-11 ROOSEVELT AVENUE | 1511 feet to the SW | Active Tank Failure |
| 38 | BLAND HOUSES -NYCHA | 40-05 COLLEGE POINT BLVD. | 1652 feet to the SW | Active Tank Test Failure |
| 100 | BLAND | 40-05 COLLEGE PT BLVD | 1652 feet to the SW | Closed Status Tank Test Failure |
| 154 | COLLEGE POINT BLVD+ | ROOSEVELT AVE | 1653 feet to the SW | Closed Status Spill (Unk/Other Cause) |
| 40 | 40-21 COLLEGE POINT BLVD -NYCHA | 40-21 COLLEGE POINT BLVD | 1731 feet to the SW | Active Tank Test Failure |
| 269 | BLAND | 40-21 COLLEGE PT BLVD | 1731 feet to the SW | Closed Status Spill (Misc. Spill Cause) |
| 13 | CON EDISON COMPANY OF NY | | 1800 feet to the SW | Solid Waste Facility |
| 52 | | COLLEGE POINT BLVD/40TH R | 1803 feet to the SW | Active Haz Spill (Unknown/Other Cause) |
| 53 | FLUSHING INDUSTRIAL PARK | COLLEGE POINT AV/40TH RD | 1803 feet to the SW | Active Haz Spill (Unknown/Other Cause) |
| 164 | BROKEN FORCE MAIN | 40 ROAD NR COLLGE PT BLVD | 1803 feet to the SW | Closed Status Spill (Unk/Other Cause) |
| 270 | 40TH RD. & COLLEGE POINT | 40TH RD. & COLLEGE PT. | 1803 feet to the SW | Closed Status Spill (Misc. Spill Cause) |
| 7 | FLUSHING INDUSTRIAL PARK - EASTERN | NW CORNER OF COLLEGE PT AVE & 40TH ROAD | 1933 feet to the SW | Brownfields Site |
| 171 | PARKING LOT | 4103 COLLEGE POINT BLVD | 1966 feet to the SW | Closed Status Spill (Unk/Other Cause) |
| 54 | MH 596 | 41'ST AVE & COLLEGE POINT | 1978 feet to the SW | Active Haz Spill (Unknown/Other Cause) |
| 172 | TALLMAN ISLAND REGULATOR | 57 | 1978 feet to the SW | Closed Status Spill (Unk/Other Cause) |
| 173 | TALLMANS ISLAND REG #57 | 41ST AV & COLLEGE PT BLVD | 1978 feet to the SW | Closed Status Spill (Unk/Other Cause) |
| 174 | FLUSHING BAY | REGULATOR 57 | 1978 feet to the SW | Closed Status Spill (Unk/Other Cause) |
| 175 | TALLMAN ISLAND REGULAT 57 | 41ST AV AND LAWERENCE ST | 1978 feet to the SW | Closed Status Spill (Unk/Other Cause) |
| 176 | TALLMAN ISLAND REG. #57 | 41ST ST E. OF LAWRENCE AV | 1978 feet to the SW | Closed Status Spill (Unk/Other Cause) |
| 177 | TALLMAN ISLAND REGUL. 57 | 41ST AVE E. OF LAWRENCE | 1978 feet to the SW | Closed Status Spill (Unk/Other Cause) |
| 271 | TALLMANS ISLAND REG #57 | 41ST AVE & LAWRENCE ST | 1978 feet to the SW | Closed Status Spill (Misc. Spill Cause) |
| 272 | 41ST AVENUE; COLLEGE POIN | 41ST AVE; COLLEGE PT. BLD | 1978 feet to the SW | Closed Status Spill (Misc. Spill Cause) |
| 181 | 131-60 40TH ROAD/QUEENS | 131-60 40TH ROAD | 2157 feet to the SW | Closed Status Spill (Unk/Other Cause) |
| 8 | FLUSHING INDUSTRIAL PARK | NW CORNER OF COLLEGE PT AVE | 2226 feet to the SW | Brownfields Site |
| 9 | FLUSHING INDUSTRIAL PARK-FLUSHING RIVER | NW CORNER OF COLLEGE PT AVE & 40TH ROAD | 2704 feet to the SW | Brownfields Site |
| 10 | FLUSHING INDUSTRIAL PARK - WESTERN | NW CORNER OF COLLEGE PT AVE & 40TH ROAD | 2704 feet to the SW | Brownfields Site |
| 11 | FLUSHING INDUSTRIAL PARK - WESTERN WATERFRONT | NW CORNER OF COLLEGE PT AVE & 40TH ROAD | 2704 feet to the SW | Brownfields Site |
| 374 | ST GEORGE CHURCH | 135-32 38TH AVE | 776 feet to the WSW | Hazardous Waste Generator/Transporter |

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| 313 | 135-27 38TH AVE | 135-27 38TH AVENUE | 817 feet to the WSW | Petroleum Bulk Storage Site |
| 317 | EMERGENCY MEDICAL SERVICE/STATION 52 | 135-16 38TH AVENUE | 867 feet to the WSW | Petroleum Bulk Storage Site |
| 375 | FORSTER BROTHERS INCORPORATED | 39-15 PRINCE STREET | 914 feet to the WSW | Hazardous Waste Generator/Transporter |
| 45 | 39TH AV & PRINCE ST | 39TH AV & PRINCE ST | 941 feet to the WSW | Active Haz Spill (Unknown/Other Cause) |
| 328 | MONAHAN FORD SERVICE | 37-20 PRINCE STREET | 1001 feet to the WSW | Petroleum Bulk Storage Site |
| 380 | MONAHAN FORD CORPORATION | 37-20 PRINCE STREET | 1001 feet to the WSW | Hazardous Waste Generator/Transporter |
| 87 | 133 37TH AVENUE | 133 37TH AVENUE | 1218 feet to the WSW | Closed Status Tank Test Failure |
| 133 | 133-30 37TH AVE. | 133-30 37TH AVE. | 1218 feet to the WSW | Closed Status Spill (Unk/Other Cause) |
| 400 | RAYEX CORP | 133-30 37 AVE | 1218 feet to the WSW | Air Discharge Site |
| 401 | RAYEX CORP | 133-30 37 AVE | 1218 feet to the WSW | Air Discharge Site |
| 402 | LENSCRAFT OPTICAL CO | 133-30 37 AVE | 1218 feet to the WSW | Air Discharge Site |
| 403 | RAYEX CORP | 133-30 37 AVE | 1218 feet to the WSW | Air Discharge Site |
| 345 | LINZER PRODUCTS INC. | 133-30 37TH AVENUE | 1219 feet to the WSW | Petroleum Bulk Storage Site |
| 264 | 37-01 COLLEGE PT AVE | 37-01 COLLEGE PT AVE | 1538 feet to the WSW | Closed Status Spill (Misc. Spill Cause) |
| 74 | PITTSTON/METRO COL. PT. | COLLEGE PT / 37TH AVE | 1568 feet to the WSW | Closed Status Tank Failure |
| 146 | 134-04 39TH AVE | 133-04 39TH AVE | 1579 feet to the WSW | Closed Status Spill (Unk/Other Cause) |
| 148 | 39TH ST + COLLEGE PT BLVD | 39TH ST + COLLEGE PT BLVD | 1593 feet to the WSW | Closed Status Spill (Unk/Other Cause) |
| 149 | VS 7425 | 39 AV / COLLEGE POINT BLV | 1593 feet to the WSW | Closed Status Spill (Unk/Other Cause) |
| 151 | 37-02 COLLEGE PT BLVD,LLC | 37-02 COLLEGE POINT BLVD | 1624 feet to the WSW | Closed Status Spill (Unk/Other Cause) |
| 152 | 37-02 COLLEGE POINT BLVD | 37-02 COLLEGE POINT BLVD | 1624 feet to the WSW | Closed Status Spill (Unk/Other Cause) |
| 267 | ATLANTIC FUEL/COLLEGE PT | 37-02 COLLEGE PT BLVD | 1624 feet to the WSW | Closed Status Spill (Misc. Spill Cause) |
| 268 | 37-02 COLLEGE PT BL /QUNS | 37-02 COLLEGE PT. BLVD | 1624 feet to the WSW | Closed Status Spill (Misc. Spill Cause) |
| 23 | FLUSHING TERMINAL | 37-02 COLLEGE POINT BOULEVARD | 1657 feet to the WSW | Major Oil Storage Facility |
| 6 | FORMER AFMC TERMINAL | 37-02 COLLEGE POINT BOULEVARD | 1679 feet to the WSW | Brownfields Site |
| 165 | MAN HOLE #2856 | IFO 38-09 JANET PL | 1831 feet to the WSW | Closed Status Spill (Unk/Other Cause) |
| 168 | INTERSECTION ROOSEVELT | AND JANET PLACE | 1879 feet to the WSW | Closed Status Spill (Unk/Other Cause) |
| 56 | 39-08 JANET PLACE | 39-08 JANET PLACE | 2058 feet to the WSW | Active Haz Spill (Unknown/Other Cause) |
| 76 | PROPSD FLUSHING PROMANON | 39-08 JANET PLACE | 2058 feet to the WSW | Closed Status Tank Failure |
| 179 | MANHOLE 2856 | 3908 JANET PLACE | 2058 feet to the WSW | Closed Status Spill (Unk/Other Cause) |
| 273 | COLLEGE PT BLVD, R'SVELT | 39-08 JANET PL | 2058 feet to the WSW | Closed Status Spill (Misc. Spill Cause) |
| 2 | SPECTRUM MAINTENANCE CORP | 39-08 JANET PLACE | 2064 feet to the WSW | CERCLIS Site |
| 203 | MANHOLE 2856 | NORTHSIDE ROOSEVELT AVE | 2471 feet to the WSW | Closed Status Spill (Unk/Other Cause) |
| 377 | KENT ELECTRO-PLATING CORP | 36-34 PRINCE ST | 934 feet to the W | Hazardous Waste Generator/Transporter |
| 322 | C.J. AUTO CENTER, INC. | 133-53 37TH AVE. | 957 feet to the W | Petroleum Bulk Storage Site |
| 378 | HUTTER AUTO BODY INCORPORATED | 133-53 37TH AVENUE | 957 feet to the W | Hazardous Waste Generator/Transporter |
| 399 | YONKE AUTO BODY WORKS INC | 3607 BUDD PL | 1185 feet to the W | Air Discharge Site |
| 392 | NORTHERN BOULEVARD MAZDA | 36-09 BUD PLACE | 1195 feet to the W | Hazardous Waste Generator/Transporter |
| 393 | YONKE AUTO BODY WORKS INCORPORATED | 36-07 BUDD PLACE | 1197 feet to the W | Hazardous Waste Generator/Transporter |
| 265 | 3630 COLLEGE PT. BLVD | 3630 COLLEGE PT. BLVD | 1585 feet to the W | Closed Status Spill (Misc. Spill Cause) |
| 51 | WILLETS POINT ASPHALT PL | 35-52 COLLEGE POINT BLVD | 1597 feet to the W | Active Haz Spill (Unknown/Other Cause) |
| 150 | EXCAVATION | 36ND AVE AT COLLEGE POINT | 1597 feet to the W | Closed Status Spill (Unk/Other Cause) |
| 153 | VAULT #7378 | 35-32 COLLEGE POINT BL | 1626 feet to the W | Closed Status Spill (Unk/Other Cause) |
| 17 | EVERGREEN RECYCLING OF CO | 127-50 NORTHERN BLVD | 3466 feet to the W | Solid Waste Facility |
| 18 | TULLY ENVIRONMENTAL, INC. | | 3516 feet to the W | Solid Waste Facility |
| 19 | CROWN CONTAINER CO. | 126-46 34TH AVE | 4003 feet to the W | Solid Waste Facility |
| 123 | | 36-18 MAIN STREET | 686 feet to the WNW | Closed Status Spill (Unk/Other Cause) |
| 238 | PECKS | 3618 MAIN ST | 686 feet to the WNW | Closed Status Spill (Misc. Spill Cause) |
| 239 | PECKS STATIONERS INC | 3618 MAIN STREET | 686 feet to the WNW | Closed Status Spill (Misc. Spill Cause) |
| 240 | PECKS STATIONARY | 36-18 MAIN ST | 686 feet to the WNW | Closed Status Spill (Misc. Spill Cause) |
| 241 | PECKS STATIONERS INC | 3618 MAIN ST | 686 feet to the WNW | Closed Status Spill (Misc. Spill Cause) |
| 242 | PECKS STATIONARY | 36-18 MAIN STREET | 686 feet to the WNW | Closed Status Spill (Misc. Spill Cause) |

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| 243 | PECK STATIONARY | 36-18 MAIN ST | 686 feet to the WNW | Closed Status Spill (Misc. Spill Cause) |
| 373 | PIP PRINTING 565 | 3609 MAIN ST | 700 feet to the WNW | Hazardous Waste Generator/Transporter |
| 246 | MAIN ST/NORTHERN BLVD | MAIN ST & NORTHERN BLVD | 752 feet to the WNW | Closed Status Spill (Misc. Spill Cause) |
| 310 | THE YEH REALTY, INC | 135-29 NORTHERN BLVD | 802 feet to the WNW | Petroleum Bulk Storage Site |
| 311 | RKO KEITH THEATER | 135-29 NORTHERN BLVD. | 802 feet to the WNW | Petroleum Bulk Storage Site |
| 247 | 135-29 NORTHERN BLVD | 135-29 NORTHERN BLVD | 806 feet to the WNW | Closed Status Spill (Misc. Spill Cause) |
| 126 | | E OF 135-25 NORTHERN BLVD | 840 feet to the WNW | Closed Status Spill (Unk/Other Cause) |
| 131 | CAR | 135-05 NORTHERN BLVD | 1027 feet to the WNW | Closed Status Spill (Unk/Other Cause) |
| 346 | 35-11 PRINCE STREET | 35-11 PRINCE STREET | 1225 feet to the WNW | Petroleum Bulk Storage Site |
| 260 | 134-23 NORTHERN BLVD / PA | 134-23 NORTHERN BLVD | 1258 feet to the WNW | Closed Status Spill (Misc. Spill Cause) |
| 155 | FLUSHING BAY | COLLEGE PT & NORTHERN BLV | 1670 feet to the WNW | Closed Status Spill (Unk/Other Cause) |
| 156 | SERVICE BOX 37566 | NORTHERN BL & COLLEGE PT | 1670 feet to the WNW | Closed Status Spill (Unk/Other Cause) |
| 157 | COLLEGE POINT BLVD/NORTHE | COLLEGE PT./NORTHERN BLVD | 1670 feet to the WNW | Closed Status Spill (Unk/Other Cause) |
| 158 | MAN HOLE 7378 -NORTHERN BL | AND COLLEGE POINT BL | 1670 feet to the WNW | Closed Status Spill (Unk/Other Cause) |
| 159 | MANHOLE #395 | COLLEGE PT BLVD/NORTHERN | 1670 feet to the WNW | Closed Status Spill (Unk/Other Cause) |
| 160 | MANHOLE 480 | NORTHERN BLVD/COLLEGE PT | 1670 feet to the WNW | Closed Status Spill (Unk/Other Cause) |
| 166 | MANHOLE 15071 | 35TH AV / COLLEGE POINT B | 1866 feet to the WNW | Closed Status Spill (Unk/Other Cause) |
| 182 | ON THE STREET IN FRONT OF | 132-19 34TH AVE | 2211 feet to the WNW | Closed Status Spill (Unk/Other Cause) |
| 191 | MANHOLE 397 | 34TH AV & COLLEGEPOINT BL | 2351 feet to the WNW | Closed Status Spill (Unk/Other Cause) |
| 192 | MANHOLE 397 | 34TH AVE / COLLEGE PT BLV | 2351 feet to the WNW | Closed Status Spill (Unk/Other Cause) |
| 209 | MANHOLE # 1451 | COLLEGE POINT BL & 33R AV | 2549 feet to the WNW | Closed Status Spill (Unk/Other Cause) |
| 210 | MANHOLE # 1541 | 33RD AVE/COLLEGE POINT BL | 2549 feet to the WNW | Closed Status Spill (Unk/Other Cause) |
| 211 | MANHOLE #1451 | 33RD AV & COLLEGE POINT B | 2549 feet to the WNW | Closed Status Spill (Unk/Other Cause) |
| 212 | MANHOLE #1451 | COLLEGE PT-OPP 33RD AVE | 2549 feet to the WNW | Closed Status Spill (Unk/Other Cause) |
| 213 | MANHOLE 1451 | COLLEGE POINT BLVD+33RD | 2549 feet to the WNW | Closed Status Spill (Unk/Other Cause) |
| 214 | MANHOLE 14151 | COLLEGE POINT BLVD/33RD A | 2549 feet to the WNW | Closed Status Spill (Unk/Other Cause) |
| 16 | GRACE ASPHALT CORP | 30-01 HARPER STREET | 2650 feet to the WNW | Solid Waste Facility |
| 21 | DURANTE BROS. CONSTRUCTIO | 31-40 123RD STREET | 5059 feet to the WNW | Solid Waste Facility |
| 22 | BEECHWHITE REALTY DEMO SL | 31-40 123RD ST | 5059 feet to the WNW | Solid Waste Facility |
| 4 | COLLEGE POINT OIL LAGOON | 123RD STREET AND 31ST AVENUE | 5119 feet to the WNW | CERCLIS/NYSDEC Inactive Haz Waste Site |
| 379 | DAVIS AUTO BODY QUAILE CORP | 35-25 FARRINGTON STREET | 976 feet to the NW | Hazardous Waste Generator/Transporter |
| 338 | RUDI & PAUL S/S #2704 | 135-19 35TH AVENUE | 1111 feet to the NW | Petroleum Bulk Storage Site |
| 48 | OLD GAS STATION | 135-19 35TH AV | 1117 feet to the NW | Active Haz Spill (Unknown/Other Cause) |
| 349 | 134-37 35TH AVENUE | 134-25 35TH AVENUE | 1255 feet to the NW | Petroleum Bulk Storage Site |
| 394 | NEW YORK CITY DEPT OF SANITATION | 134-25 35TH | 1255 feet to the NW | Hazardous Waste Generator/Transporter |
| 67 | QUEENS EAST 11A DOS -DDC | 134-25 35TH AVENUE | 1261 feet to the NW | Active Haz Spill (Misc. Spill Cause) |
| 88 | 134-25 35TH ST PRIV RES | 134-25 35TH STREET | 1261 feet to the NW | Closed Status Tank Test Failure |
| 89 | NYC DEPT. OF SANITATION | 134-25 35TH AVENUE | 1261 feet to the NW | Closed Status Tank Test Failure |
| 134 | NYC DEPT. OF SANITATION | 134-25 35TH AVENUE | 1261 feet to the NW | Closed Status Spill (Unk/Other Cause) |
| 135 | MH 569 | PRINCE ST/35TH AVE | 1296 feet to the NW | Closed Status Spill (Unk/Other Cause) |
| 353 | UNNITED PLUMBING | 134-03 35TH AVENUE | 1310 feet to the NW | Petroleum Bulk Storage Site |
| 396 | AUTORAMA BODYWORKS | 134-03 35TH AVENUE | 1310 feet to the NW | Hazardous Waste Generator/Transporter |
| 29 | LINDEN MAINTAINCE CORP | 134-02 33RD AVE | 2014 feet to the NW | Active Tank Failure |
| 102 | CLOSED-LACKOF RECENT INFO | 134-02 33RD AVE | 2014 feet to the NW | Closed Status Tank Test Failure |
| 104 | CLOSED-LACKOF RECENT INFO | 133050 32ND AVENUE | 2319 feet to the NW | Closed Status Tank Test Failure |
| 200 | PALLMAN ISLAND - REG #54 | DOWNING ST & 32ND AV | 2439 feet to the NW | Closed Status Spill (Unk/Other Cause) |
| 201 | SEWER MAINT. STOREHOUSE DEP -DDC | 133-25 32ND AVE | 2466 feet to the NW | Closed Status Spill (Unk/Other Cause) |
| 62 | 133-15 32ND AVE/USPS | 133-15 32ND AVE/USPS | 2490 feet to the NW | Active Haz Spill (Unknown/Other Cause) |
| 15 | UNKNOWN | 32ND AVE. & HIGGINS AVE. | 2555 feet to the NW | Solid Waste Facility |
| 215 | TRANS VS5013 | 32ND AV & HIGGINS ST | 2555 feet to the NW | Closed Status Spill (Unk/Other Cause) |
| 216 | OPEN EXCAVATION | 32ND AVE & HIGGINS ST | 2555 feet to the NW | Closed Status Spill (Unk/Other Cause) |
| 217 | | HIGGINS ST/32ND AV | 2555 feet to the NW | Closed Status Spill (Unk/Other Cause) |

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| 108 | 31-45 DOWNING STREET | 31-45 DOWNING STREET | 2586 feet to the NW | Closed Status Tank Test Failure |
| 24 | LEFFERTS OIL TERMINAL, INC. | 31-70 COLLEGE POINT BOULEVARD | 3715 feet to the NW | Major Oil Storage Facility |
| 20 | COLLEGE PT INDUS PK | | 4500 feet to the NW | Solid Waste Facility |
| 253 | 136-66 35TH AVE/QUEENS | 136-66 35TH AVENUE | 1033 feet to the NNW | Closed Status Spill (Misc. Spill Cause) |
| 383 | CONSOLIDATED EDISON | V8628-LINDEN PL & 35TH AVE | 1064 feet to the NNW | Hazardous Waste Generator/Transporter |
| 384 | CONSOLIDATED EDISON | 0500 - LINDEN PL & 35 AVE | 1064 feet to the NNW | Hazardous Waste Generator/Transporter |
| 385 | CONSOLIDATED EDISON | V3856-35TH AVE & LINDEN PL | 1064 feet to the NNW | Hazardous Waste Generator/Transporter |
| 337 | LOR-PET SERVICE STA., LTD. | 136-35 35TH AVE | 1087 feet to the NNW | Petroleum Bulk Storage Site |
| 390 | SERVICE STATION | 136-35 35TH AVE | 1087 feet to the NNW | Hazardous Waste Generator/Transporter |
| 47 | | 136-35 35TH AVE | 1092 feet to the NNW | Active Haz Spill (Unkn/Other Cause) |
| 66 | M P G SERVICE STATION | 136-35 35TH AVENUE | 1092 feet to the NNW | Active Haz Spill (Misc. Spill Cause) |
| 50 | REPAIR SHOP | 34-48 LINDEN PL | 1426 feet to the NNW | Active Haz Spill (Unkn/Other Cause) |
| 36 | LATIMER GARDENS -NYCHA | 34-45 LINDEN PLACE | 1454 feet to the NNW | Active Tank Test Failure |
| 71 | LATIMER GARDENS | 3445 LINDEN PLACE | 1454 feet to the NNW | Closed Status Tank Failure |
| 161 | LATIMER PL AND | LINDEN PL | 1773 feet to the NNW | Closed Status Spill (Unk/Other Cause) |
| 162 | MANHOLE #13737 | LINDEN PL / LATIMER PL | 1773 feet to the NNW | Closed Status Spill (Unk/Other Cause) |
| 1 | PARK NAMEPLATE CO. INC. | 33-37 FARRINGTON STREET | 1797 feet to the NNW | CERCLIS Site |
| 170 | | 33-05 FARRINGTON ST | 1937 feet to the NNW | Closed Status Spill (Unk/Other Cause) |
| 57 | AMOCO GAS STATION | 32-35 LINDEN PL | 2148 feet to the NNW | Active Haz Spill (Unkn/Other Cause) |
| 58 | AMOCO | 32-02 LINDEN PLACE | 2221 feet to the NNW | Active Haz Spill (Unkn/Other Cause) |
| 183 | 32-02 LINDEN PL | 32-02 LINDEN PL | 2221 feet to the NNW | Closed Status Spill (Unk/Other Cause) |
| 14 | CON EDISON FARRINGTON | | 2244 feet to the NNW | Solid Waste Facility |
| 59 | FARRINGTON ST. FLUSH TRUC | 32ND AVE | 2244 feet to the NNW | Active Haz Spill (Unkn/Other Cause) |
| 60 | FARRINGTON ST & | 132ND AVE | 2244 feet to the NNW | Active Haz Spill (Unkn/Other Cause) |
| 186 | FARRINGTON FLUSH PIT | FARRINGTON ST & 32ND AV | 2244 feet to the NNW | Closed Status Spill (Unk/Other Cause) |
| 187 | | FARRINGTON ST/32ND ST | 2244 feet to the NNW | Closed Status Spill (Unk/Other Cause) |
| 188 | FARRINGTON ST FLUSH FACILITY | FARRINGTON ST/32ND AVE | 2244 feet to the NNW | Closed Status Spill (Unk/Other Cause) |
| 198 | FARRENTON ST/DURANTE PROP | 31 DRIVE & 32ND AVE | 2420 feet to the NNW | Closed Status Spill (Unk/Other Cause) |
| 63 | SETTLING BASIN | 31-43 FARRINGTON ST | 2507 feet to the NNW | Active Haz Spill (Unkn/Other Cause) |
| 205 | FARRINGTON ST FLUSH PIT | 31-43 FARRINGTON ST | 2507 feet to the NNW | Closed Status Spill (Unk/Other Cause) |
| 206 | FARRINGTON ST FLUSH PIT | 3143 FARRINGTON ST | 2507 feet to the NNW | Closed Status Spill (Unk/Other Cause) |
| 207 | FARRINGTON ST WASTE WATER | 31-43 FARRINGTON ST | 2507 feet to the NNW | Closed Status Spill (Unk/Other Cause) |
| 3 | FLUSHING RIVER COKING STATION | 32ND AVE (NR FLUSHING RIVER) | 2547 feet to the NNW | CERCLIS Site |
| 5 | CONED, FLUSHING RIVER COKING | 32ND AVENUE | 2547 feet to the NNW | Hazardous Substance Waste Disposal Site |
| 25 | CONSOLIDATED EDISON | FARRINGTON ST & 32ND AVE | 2802 feet to the NNW | Hazardous Waste Treat, Storage, Disposal |

Identified Toxic Sites by Proximity

Flushing Commons, Flushing, NY 11354

* Compass directions can vary substantially for sites located very close to the subject property address.

| Map Id# | Site Name | Site Street | Approximate Distance & Direction From Property | Toxic Site Category |
|---------|-----------------------------|----------------------------|--|---|
| 109 | 38TH AVE | UNION ST. | 0 feet | Closed Status Spill (Unk/Other Cause) |
| 220 | VS 1231 EAST SIDE UNION | ST 37TH AVE 17FT NORTH | 0 feet | Closed Status Spill (Misc. Spill Cause) |
| 354 | NYCDOT | 138TH/37TH AVE | 0 feet | Hazardous Waste Generator/Transporter |
| 355 | VELVET TOUCH CLEANERS | 3902 UNION STREET | 6 feet to the ESE* | Hazardous Waste Generator/Transporter |
| 274 | 109TH POLICE PRECINCT | 37-05 UNION STREET | 23 feet to the NE* | Petroleum Bulk Storage Site |
| 32 | 109 PRECINCT NYPD -DDC | 3705 UNION STREET | 30 feet to the NE* | Active Tank Test Failure |
| 221 | NYC PD 109TH PRE. | 3705 UNION ST | 30 feet to the NE* | Closed Status Spill (Misc. Spill Cause) |
| 222 | 142-22 37TH AVE | 142-22 37TH AVE | 143 feet to the NE* | Closed Status Spill (Misc. Spill Cause) |
| 223 | RESIDENCE | 142 -24 38 AVE | 153 feet to the ENE* | Closed Status Spill (Misc. Spill Cause) |
| 275 | THE IMPERIAL | 142-24 38TH AVE | 153 feet to the ENE* | Petroleum Bulk Storage Site |
| 224 | 136-31 ROOSEVELT AVE. | 136-31 ROOSEVELT AVE. | 211 feet to the SSW | Closed Status Spill (Misc. Spill Cause) |
| 356 | ADT SECURITIES | 136-25 37TH AVE | 212 feet to the WNW | Hazardous Waste Generator/Transporter |
| 276 | WILLIAMSBURG SAVINGS BANK | 136-65 ROOSEVELT AVENUE | 214 feet to the SSE | Petroleum Bulk Storage Site |
| 78 | QUEENS CO SAVINGS BANK | 136-65 ROOSEVELT AVE | 219 feet to the SSE | Closed Status Tank Test Failure |
| 110 | 142-05 ROOSEVELT AVE | 142-05 ROOSEVELT AVE A330 | 220 feet to the ESE | Closed Status Spill (Unk/Other Cause) |
| 277 | THE BARBIZON | 142-05 ROOSEVELT AVENUE | 227 feet to the ESE | Petroleum Bulk Storage Site |
| 111 | MANHOLE 1698 | ROOSEVELT AVE NEAR UNION | 246 feet to the SE | Closed Status Spill (Unk/Other Cause) |
| 357 | CONSOLIDATED EDISON | #7564 - UNION ST | 246 feet to the SE | Hazardous Waste Generator/Transporter |
| 79 | 136-21 ROOSEVELT AVENUE | 136-21 ROOSEVELT AVENUE | 250 feet to the SSW | Closed Status Tank Test Failure |
| 278 | PI ASSOCIATES, L.L.C. | 136-21 ROOSEVELT AVE | 256 feet to the SSW | Petroleum Bulk Storage Site |
| 279 | STERNS | 136-50 ROOSEVELT AVE | 266 feet to the S | Petroleum Bulk Storage Site |
| 358 | MACYS #185 | 136-50 ROOSEVELT AVE | 266 feet to the S | Hazardous Waste Generator/Transporter |
| 26 | 136-68 ROOSEVELT AVE. | 136-68 ROOSEVELT AVE. | 273 feet to the SSE | Active Tank Failure |
| 225 | BEAUTY PARLOR | 136-84 ROOSEVELT AVE | 273 feet to the SSE | Closed Status Spill (Misc. Spill Cause) |
| 226 | 136-84 ROOSEVELT AVENUE | 136-84 ROOSVELT AVENUE | 273 feet to the SSE | Closed Status Spill (Misc. Spill Cause) |
| 227 | 136-84 ROOSVELT AVENUE | 136-84 ROOSEVELT AVENUE | 273 feet to the SSE | Closed Status Spill (Misc. Spill Cause) |
| 280 | GLEN ORA | 142-10 ROOSEVELT AVE | 280 feet to the ESE | Petroleum Bulk Storage Site |
| 281 | 142-10 ROOSEVELT AVENUE | 142-10 ROOSEVELT AVENUE | 280 feet to the ESE | Petroleum Bulk Storage Site |
| 282 | FDNY - ENG. 273/LADDER 139 | 40-18 UNION STREET | 293 feet to the SE | Petroleum Bulk Storage Site |
| 80 | 39-15 MAIN STREET | 39-15 MAIN ST | 351 feet to the SW | Closed Status Tank Test Failure |
| 228 | 39-01 MAIN STREET | 39-01 MAIN STREET | 354 feet to the SW | Closed Status Spill (Misc. Spill Cause) |
| 283 | CHASE MANHATTAN BANK BR#111 | 39-15 MAIN STREET | 358 feet to the SW | Petroleum Bulk Storage Site |
| 284 | GERSON PROPERTIES | 39-01 MAIN STREET | 361 feet to the SW | Petroleum Bulk Storage Site |
| 27 | FORMER QUEENS BANK | 38-25 MAIN STREET | 370 feet to the WSW | Active Tank Failure |
| 81 | CLOSED-LACKOF RECENT INFO | 38-25 MAIN STREET | 370 feet to the WSW | Closed Status Tank Test Failure |
| 112 | 38-01 MAIN STREET | 38-01 MAIN STREET | 374 feet to the WSW | Closed Status Spill (Unk/Other Cause) |
| 285 | QUEENS COUNTY SAVINGS BANK | 38-25 MAIN ST | 376 feet to the WSW | Petroleum Bulk Storage Site |
| 286 | 38-15 MAIN ST | 38-15 MAIN ST | 378 feet to the WSW | Petroleum Bulk Storage Site |
| 113 | MANHOLE # 11103 | MAIN ST/39TH AVE | 383 feet to the SW | Closed Status Spill (Unk/Other Cause) |
| 114 | MANHOLE 11103 | MAIN ST/39TH AVE | 383 feet to the SW | Closed Status Spill (Unk/Other Cause) |
| 229 | MANHOLE 416 | 39TH AVE & MAIN ST | 383 feet to the SW | Closed Status Spill (Misc. Spill Cause) |
| 397 | | | 384 feet to the SW | Historic Utility Site |
| 287 | 37-29 MAIN ST | 37-29 MAIN ST | 389 feet to the W | Petroleum Bulk Storage Site |
| 115 | SERVICE BOX #8416 | MAIN ST/38TH AV | 404 feet to the WSW | Closed Status Spill (Unk/Other Cause) |
| 359 | CONSOLIDATED EDISON | V8601 - MAIN ST & 38TH AVE | 404 feet to the WSW | Hazardous Waste Generator/Transporter |

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| 360 | CONSOLIDATED EDISON | V8861-38TH & MAIN ST | 404 feet to the WSW | Hazardous Waste Generator/Transporter |
| 230 | | 3914 MAIN ST | 410 feet to the SW | Closed Status Spill (Misc. Spill Cause) |
| 231 | | 37 AVE AND MAIN ST | 421 feet to the W | Closed Status Spill (Misc. Spill Cause) |
| 116 | MAN HOLE 15679 | ROOSEVELT AV/MAIN ST | 441 feet to the SW | Closed Status Spill (Unk/Other Cause) |
| 117 | MANHOLE #22493 | ROOSEVELT AV & MAIN ST | 441 feet to the SW | Closed Status Spill (Unk/Other Cause) |
| 118 | MANHOLE 10270 | ROOSEVELT AV/MAIN ST | 441 feet to the SW | Closed Status Spill (Unk/Other Cause) |
| 232 | MAIN STREET & | ROOSEVELT AVE & MAIN ST | 441 feet to the SW | Closed Status Spill (Misc. Spill Cause) |
| 361 | NYCTA | FLUSHING STATION-QUEENS | 441 feet to the SW | Hazardous Waste Generator/Transporter |
| 288 | FUTURAMA INTERIORS | 37-02 MAIN ST | 444 feet to the W | Petroleum Bulk Storage Site |
| 289 | THE BANK OF NEW YORK | 36-63 MAIN STRETT | 475 feet to the WNW | Petroleum Bulk Storage Site |
| 362 | MARCELLE FRENCH CLEANERS | 142-60 ROOSEVELT AVENUE | 476 feet to the ESE | Hazardous Waste Generator/Transporter |
| 233 | 137-28 NORTHERN BLVD | 137-28 NORTHERN BLVD | 544 feet to the NW | Closed Status Spill (Misc. Spill Cause) |
| 119 | VERIZON | 137-34 NORTHERN BLVD | 545 feet to the NW | Closed Status Spill (Unk/Other Cause) |
| 234 | VAULT 3119 | 137-34 NORTHERN BLVD | 545 feet to the NW | Closed Status Spill (Misc. Spill Cause) |
| 290 | BELL ATLANTIC | 137-34 NORTHERN BOULEVARD | 552 feet to the NW | Petroleum Bulk Storage Site |
| 120 | BLACKTOP | 137-58 NORTHERN BLVD R/O | 553 feet to the N | Closed Status Spill (Unk/Other Cause) |
| 291 | FLUSHING ARMORY (QNTF) | 137-58 NORTHERN BLVD | 560 feet to the N | Petroleum Bulk Storage Site |
| 292 | FLUSHING YMCA | 138-46 NORTHERN BLVD | 565 feet to the N | Petroleum Bulk Storage Site |
| 363 | BELL ATLANTIC-NY | LINDEN PL/NORTHERN BLVD | 574 feet to the NW | Hazardous Waste Generator/Transporter |
| 235 | BUS#614 | NORTHERN BLVD/UNION ST. | 586 feet to the N | Closed Status Spill (Misc. Spill Cause) |
| 364 | BELL ATLANTIC-NY | RTHERN BLVD W/O UNION ST | 586 feet to the N | Hazardous Waste Generator/Transporter |
| 365 | NEW YORK CITY OF | 137-35 NORTHERN BLVD | 597 feet to the NW | Hazardous Waste Generator/Transporter |
| 293 | EXXONMOBIL S/S #17-GYX | 137-17 NORTHERN BLVD | 604 feet to the NW | Petroleum Bulk Storage Site |
| 366 | LAIS AUTO SVC CORP | 137-17 NORTHERN BLVD | 604 feet to the NW | Hazardous Waste Generator/Transporter |
| 121 | SEARS | 137-45 NORTHERN BLVD | 607 feet to the NNW | Closed Status Spill (Unk/Other Cause) |
| 236 | 40-23 MAIN ST | 40-23 MAIN ST | 607 feet to the SSW | Closed Status Spill (Misc. Spill Cause) |
| 237 | SEARS | 137-45 NORTHERN BLVD | 607 feet to the NNW | Closed Status Spill (Misc. Spill Cause) |
| 367 | SEARS UNIT 3244 | 137 61 NORTHERN BLVD | 607 feet to the N | Hazardous Waste Generator/Transporter |
| 398 | MOBIL | 137-17 NORTHERN BLVD | 618 feet to the NW | Air Discharge Site |
| 294 | MAG AUTOMOTIVE ENTERPRISES INC. | 137-07 NORTHERN BLVD | 629 feet to the NW | Petroleum Bulk Storage Site |
| 368 | CONSOLIDATED EDISON CO | V9370 BOWNE ST & 38TH AVE | 633 feet to the ENE | Hazardous Waste Generator/Transporter |
| 369 | CONSOLIDATED EDISON | V4057 - BOWNE & 38TH AVE | 633 feet to the ENE | Hazardous Waste Generator/Transporter |
| 370 | CONSOLIDATED EDISON | V5202-BOWNE ST & 38TH AVE | 633 feet to the ENE | Hazardous Waste Generator/Transporter |
| 295 | PISTILLI ASSOCIATES II, LLC | 38-15 BOWNE STREET | 655 feet to the ENE | Petroleum Bulk Storage Site |
| 296 | MONACO EQUITIES CO. | 142-01 41ST AVE | 667 feet to the SE | Petroleum Bulk Storage Site |
| 122 | MANHOLE #13533 | ROOSEVELT AV & BOWNE | 678 feet to the E | Closed Status Spill (Unk/Other Cause) |
| 297 | MADISON HOUSE OWNERS CORP | 136-39 41ST AVE | 678 feet to the SSW | Petroleum Bulk Storage Site |
| 371 | CONSOLIDATED EDISON CO | V8214-BOWNE AND ROOSEVELT | 678 feet to the E | Hazardous Waste Generator/Transporter |
| 123 | | 36-18 MAIN STREET | 686 feet to the WNW | Closed Status Spill (Unk/Other Cause) |
| 238 | PECKS | 3618 MAIN ST | 686 feet to the WNW | Closed Status Spill (Misc. Spill Cause) |
| 239 | PECKS STATIONERS INC | 3618 MAIN STREET | 686 feet to the WNW | Closed Status Spill (Misc. Spill Cause) |
| 240 | PECKS STATIONARY | 36-18 MAIN ST | 686 feet to the WNW | Closed Status Spill (Misc. Spill Cause) |
| 241 | PECKS STATIONERS INC | 3618 MAIN ST | 686 feet to the WNW | Closed Status Spill (Misc. Spill Cause) |
| 242 | PECKS STATIONARY | 36-18 MAIN STREET | 686 feet to the WNW | Closed Status Spill (Misc. Spill Cause) |
| 243 | PECK STATIONARY | 36-18 MAIN ST | 686 feet to the WNW | Closed Status Spill (Misc. Spill Cause) |
| 298 | 36-40 BOWNE STREET | 36-40 BOWNE STREET | 686 feet to the WNW | Closed Status Spill (Misc. Spill Cause) |
| 299 | 36-40 BOWNE STREET | 36-40 BOWNE ESTREET | 690 feet to the NE | Petroleum Bulk Storage Site |
| 372 | CONSOLIDATED EDISON CO | V9156 UNION & 41 | 690 feet to the NE | Petroleum Bulk Storage Site |
| 300 | ST MICHAELS R. C. CHURCH | 136-76 41 AVENUE | 690 feet to the SE | Hazardous Waste Generator/Transporter |
| 301 | GEORGIAN HALL | 40-04 BOWNE ST | 699 feet to the SSW | Petroleum Bulk Storage Site |
| 373 | PIP PRINTING 565 | 3609 MAIN ST | 700 feet to the ESE | Petroleum Bulk Storage Site |
| 302 | ST MICHAELS SCHOOL | 136-58 41ST AVE | 700 feet to the WNW | Hazardous Waste Generator/Transporter |
| 303 | SEAWANE | 142-41 41ST AVE | 709 feet to the SSW | Petroleum Bulk Storage Site |
| | | | 715 feet to the SE | Petroleum Bulk Storage Site |

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| 65 | 1 LIBRARY PLAZA | MAIN ST & KISSENA BLVD | 727 feet to the SSW | Active Haz Spill (Misc. Spill Cause) |
| 124 | MANHOLE 16934 | KISSENA BLVD & 41ST AVE | 727 feet to the SSW | Closed Status Spill (Unk/Other Cause) |
| 244 | 1 LIBRARY PLAZA | MAIN ST | 727 feet to the SSW | Closed Status Spill (Misc. Spill Cause) |
| 304 | BOWNETREE LTD | 143-15/17/19 38TH AVE | 731 feet to the ENE | Petroleum Bulk Storage Site |
| 305 | BOWNE STREET COMMUNITY CHURCH | 143-11 ROOSEVELT AVENUE | 736 feet to the E | Petroleum Bulk Storage Site |
| 245 | 3620 BOWNE ST | 3620 BOWNE ST | 739 feet to the NE | Closed Status Spill (Misc. Spill Cause) |
| 306 | ROOSEVELT HOUSE | 143-08 ROOSEVELT AVE | 739 feet to the E | Petroleum Bulk Storage Site |
| 307 | BOWNEVIEW LTD | 36-20 BOWNE ST | 744 feet to the NE | Petroleum Bulk Storage Site |
| 246 | MAIN ST/NORTHERN BLVD | MAIN ST & NORTHERN BLVD | 752 feet to the WNW | Closed Status Spill (Misc. Spill Cause) |
| 308 | BOWNETREE LTD | 143-21/25 38 AV | 773 feet to the ENE | Petroleum Bulk Storage Site |
| 374 | ST GEORGE CHURCH | 135-32 38TH AVE | 776 feet to the WSW | Hazardous Waste Generator/Transporter |
| 309 | 36-19 BOWNE ST | 36-19 BOWNE ST | 789 feet to the NE | Petroleum Bulk Storage Site |
| 310 | THE YEH REALTY, INC | 135-29 NORTHERN BLVD | 802 feet to the WNW | Petroleum Bulk Storage Site |
| 311 | RKO KEITH THEATER | 135-29 NORTHERN BLVD. | 802 feet to the WNW | Petroleum Bulk Storage Site |
| 247 | 135-29 NORTHERN BLVD | 135-29 NORTHERN BLVD | 806 feet to the WNW | Closed Status Spill (Misc. Spill Cause) |
| 312 | 36-11 BOWNE ST | 36-11 BOWNE ST | 813 feet to the NNE | Petroleum Bulk Storage Site |
| 82 | 141-08 NORTHERN BLVD/QUNS | 141-08 NORTHERN BLVD | 817 feet to the NNE | Closed Status Tank Test Failure |
| 313 | 135-27 38TH AVE | 135-27 38TH AVENUE | 817 feet to the WSW | Petroleum Bulk Storage Site |
| 125 | | NORTHERN BLVD/BOWNE ST | 827 feet to the NNE | Closed Status Spill (Unk/Other Cause) |
| 126 | | E OF 135-25 NORTHERN BLVD | 840 feet to the WNW | Closed Status Spill (Unk/Other Cause) |
| 314 | HERITAGE HOUSE | 143-30 38TH AVE | 842 feet to the ENE | Petroleum Bulk Storage Site |
| 44 | MULTIPLE DWELLING APT | 41-25 KISSENA BLVD | 849 feet to the S | Active Haz Spill (Unknown/Other Cause) |
| 127 | RESIDENTIAL FACILITY | 41-25 KISSENA BLVD | 849 feet to the S | Closed Status Spill (Unk/Other Cause) |
| 315 | N.B. OWNERS INC. | 141-05 NORTHERN BLVD. | 851 feet to the NNE | Petroleum Bulk Storage Site |
| 316 | PARK REGENT MANAGEMENT CORP. | 41-25 KISSENA BLVD., RM 112 | 854 feet to the S | Petroleum Bulk Storage Site |
| 317 | EMERGENCY MEDICAL SERVICE/STATION 52 | 135-16 38TH AVENUE | 867 feet to the WSW | Petroleum Bulk Storage Site |
| 318 | 141-25 OWNERS CORP | 141-25 NORTHERN BLVD | 882 feet to the NNE | Petroleum Bulk Storage Site |
| 319 | 143-30 ROOSEVELT AVE | 143-30 ROOSEVELT AVE | 884 feet to the E | Petroleum Bulk Storage Site |
| 83 | 143-37 38TH AVE | 143-37 38TH AVE | 885 feet to the ENE | Closed Status Tank Test Failure |
| 320 | HERITAGE WEST | 143-37 38TH AVE | 885 feet to the ENE | Petroleum Bulk Storage Site |
| 128 | 141-25 NORTHERN BLVD/QUNS | 141-25 NORTHERN BLVD | 887 feet to the NNE | Closed Status Spill (Unk/Other Cause) |
| 375 | FORSTER BROTHERS INCORPORATED | 39-15 PRINCE STREET | 914 feet to the WSW | Hazardous Waste Generator/Transporter |
| 376 | ROMANO VALET CLEANERS | 4133 KISSENA BLVD | 915 feet to the S | Hazardous Waste Generator/Transporter |
| 321 | BOWNE REALTY | 143-05 41 AVE | 926 feet to the ESE | Petroleum Bulk Storage Site |
| 377 | KENT ELECTRO-PLATING CORP | 36-34 PRINCE ST | 934 feet to the W | Hazardous Waste Generator/Transporter |
| 84 | | 141-57 NORTHERN BL | 937 feet to the NE | Closed Status Tank Test Failure |
| 45 | 39TH AV & PRINCE ST | 39TH AV & PRINCE ST | 941 feet to the WSW | Active Haz Spill (Unknown/Other Cause) |
| 129 | VAULT # 6640 | PRINCE ST & ROSEVELT AVE | 956 feet to the SW | Closed Status Spill (Unk/Other Cause) |
| 130 | MANHOLE 2754 | PRINCE STREET/ROOSEVELT | 956 feet to the SW | Closed Status Spill (Unk/Other Cause) |
| 248 | MH 11372 | PRINCE ST/ROOSEVELTE AV | 956 feet to the SW | Closed Status Spill (Misc. Spill Cause) |
| 322 | C.J. AUTO CENTER, INC. | 133-53 37TH AVE. | 957 feet to the W | Petroleum Bulk Storage Site |
| 378 | HUTTER AUTO BODY INCORPORATED | 133-53 37TH AVENUE | 957 feet to the W | Hazardous Waste Generator/Transporter |
| 323 | 137-36 LEAVITT STREET | 137-36 LEAVITT STREET | 962 feet to the N | Petroleum Bulk Storage Site |
| 249 | BUS #8535 | INT OF 41ST AND MAIN ST | 970 feet to the S | Closed Status Spill (Misc. Spill Cause) |
| 379 | DAVIS AUTO BODY QUAILE CORP | 35-25 FARRINGTON STREET | 976 feet to the NW | Hazardous Waste Generator/Transporter |
| 85 | NHE REALTY | 142-09 BARCLAY AVENUE | 985 feet to the SE | Closed Status Tank Test Failure |
| 324 | KENDALL HALL | 41-10 BOWNE ST | 985 feet to the ESE | Petroleum Bulk Storage Site |
| 325 | FOXWOOD HOUSE CONDO | 41-07 BOWNE ST | 990 feet to the ESE | Petroleum Bulk Storage Site |
| 326 | N H E REALTY CO | 142-09 BARCLAY AVE | 992 feet to the SE | Petroleum Bulk Storage Site |
| 327 | BARCLAY EQUITIES | 142-19 BARCLAY AVE | 998 feet to the SE | Petroleum Bulk Storage Site |
| 33 | C-HATTAN CORP. | 142-27 BARCLAY AVE | 999 feet to the SE | Active Tank Test Failure |
| 250 | C-HATTAN INC. (APTS) | 142-27 BARCLAY AVE | 999 feet to the SE | Closed Status Spill (Misc. Spill Cause) |
| 251 | 142-27 BARCLAY AVE | 142-27 BARCLAY AVE | 999 feet to the SE | Closed Status Spill (Misc. Spill Cause) |

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| 328 | MONAHAN FORD SERVICE | 37-20 PRINCE STREET | 1001 feet to the WSW | Petroleum Bulk Storage Site |
| 380 | MONAHAN FORD CORPORATION | 37-20 PRINCE STREET | 1001 feet to the WSW | Hazardous Waste Generator/Transporter |
| 329 | CHATTAN CORP | 142-27 BARCLAY AVE | 1004 feet to the SE | Petroleum Bulk Storage Site |
| 131 | CAR | 135-05 NORTHERN BLVD | 1027 feet to the WNW | Closed Status Spill (Unk/Other Cause) |
| 252 | 138-22 35TH AVE/QUEENS | 138-22 35TH AVENUE | 1027 feet to the N | Closed Status Spill (Misc. Spill Cause) |
| 330 | 143-25 41ST AVE | 143-25 41ST AVE | 1031 feet to the ESE | Petroleum Bulk Storage Site |
| 253 | 136-66 35TH AVE/QUEENS | 136-66 35TH AVENUE | 1033 feet to the NNW | Closed Status Spill (Misc. Spill Cause) |
| 331 | STANTON CONDOMINIUM | 41-40 UNION ST | 1042 feet to the SE | Petroleum Bulk Storage Site |
| 254 | 143-54 ROOSEVELT AVE | 143-54 ROOSEVELT | 1048 feet to the E | Closed Status Spill (Misc. Spill Cause) |
| 332 | P S 20 | 142-30 BARCLAY AV | 1055 feet to the SE | Petroleum Bulk Storage Site |
| 381 | CONSOLIDATED EDISON | 34 67 LEAVITT & 35 AVE | 1058 feet to the N | Hazardous Waste Generator/Transporter |
| 382 | NYCDEP | 35TH & LEAVITT ST | 1058 feet to the N | Hazardous Waste Generator/Transporter |
| 383 | CONSOLIDATED EDISON | V8628-LINDEN PL & 35TH AVE | 1064 feet to the NNW | Hazardous Waste Generator/Transporter |
| 384 | CONSOLIDATED EDISON | 0500 - LINDEN PL & 35 AVE | 1064 feet to the NNW | Hazardous Waste Generator/Transporter |
| 385 | CONSOLIDATED EDISON | V3856-35TH AVE & LINDEN PL | 1064 feet to the NNW | Hazardous Waste Generator/Transporter |
| 405 | FLUSHING H S | 35-01 UNION ST | 1064 feet to the N | Civil & Admin. Enforcement Docket Site |
| 333 | FLUSHING H S - Q 460 | 35-01 UNION ST | 1070 feet to the N | Petroleum Bulk Storage Site |
| 386 | NEW YORK CITY BOARD OF EDUCATION | FLUSHING HIGH SCHOOL | 1070 feet to the N | Hazardous Waste Generator/Transporter |
| 334 | FLUSHING MANOR CARE CENTER | 139-66 35 AVENUE | 1072 feet to the N | Petroleum Bulk Storage Site |
| 46 | MANHOLE 12839 | UNION ST/35TH AVE | 1075 feet to the N | Active Haz Spill (Unknown/Other Cause) |
| 387 | CONSOLIDATED EDISON | V2983-35TH AVE & UNION ST | 1075 feet to the N | Hazardous Waste Generator/Transporter |
| 388 | CONSOLIDATED EDISON | V2983-35TH AVE & UNION ST | 1075 feet to the N | Hazardous Waste Generator/Transporter |
| 335 | PUBLIC SCHOOL 23 | 138-11 35TH AVE. | 1080 feet to the N | Petroleum Bulk Storage Site |
| 389 | QUEENS ACADEMY OF THE OUTREACH PROGRAM | 138-11 35TH ST | 1080 feet to the N | Hazardous Waste Generator/Transporter |
| 255 | 143-20 37TH AVENUE | 143-20 37TH AVENUE | 1085 feet to the ENE | Closed Status Spill (Misc. Spill Cause) |
| 336 | 143-20 37TH AVE | 143-20 37TH AVE | 1085 feet to the ENE | Petroleum Bulk Storage Site |
| 337 | LOR-PET SERVICE STA., LTD. | 136-35 35TH AVE | 1087 feet to the NNW | Petroleum Bulk Storage Site |
| 390 | SERVICE STATION | 136-35 35TH AVE | 1087 feet to the NNW | Hazardous Waste Generator/Transporter |
| 47 | | 136-35 35TH AVE | 1092 feet to the NNW | Active Haz Spill (Unknown/Other Cause) |
| 66 | M P G SERVICE STATION | 136-35 35TH AVENUE | 1092 feet to the NNW | Active Haz Spill (Misc. Spill Cause) |
| 391 | ACOUSTIC TECHNOLOGY | 41 29 MAIN ST (SUITE #150) | 1102 feet to the S | Hazardous Waste Generator/Transporter |
| 338 | RUDI & PAUL S/S #2704 | 135-19 35TH AVENUE | 1111 feet to the NW | Petroleum Bulk Storage Site |
| 339 | KINGSTON | 139-55 35TH AVENUE | 1112 feet to the N | Petroleum Bulk Storage Site |
| 86 | 41-61 KISSENA BLVD/QUEENS | 41-61 KISSENA BLVD | 1113 feet to the S | Closed Status Tank Test Failure |
| 48 | OLD GAS STATION | 135-19 35TH AV | 1117 feet to the NW | Active Haz Spill (Unknown/Other Cause) |
| 340 | FLUSHING PLAZA | 41-61 KISSENA BLVD | 1117 feet to the S | Petroleum Bulk Storage Site |
| 341 | ROSE TERRACE | 139-81 35TH AVENUE | 1124 feet to the N | Petroleum Bulk Storage Site |
| 342 | 143-43 41ST AVE TENANTS CORP | 143-43 41 ST AVENUE | 1131 feet to the ESE | Petroleum Bulk Storage Site |
| 12 | BEECHHURST SHORES | 139-81 35 AVENUE | 1137 feet to the N | Solid Waste Facility |
| 343 | HARWYN OWNERS CORP. | 143-40 41ST AVENUE | 1148 feet to the ESE | Petroleum Bulk Storage Site |
| 256 | | 143-40 41ST AV | 1152 feet to the ESE | Closed Status Spill (Misc. Spill Cause) |
| 257 | | 133-38 41ST AVE | 1159 feet to the SSW | Closed Status Spill (Misc. Spill Cause) |
| 132 | MANHOLE 16929 | BARKLEY AVE & BROWN ST | 1183 feet to the ESE | Closed Status Spill (Unk/Other Cause) |
| 399 | YONKE AUTO BODY WORKS INC | 3607 BUDD PL | 1185 feet to the W | Air Discharge Site |
| 344 | 41ST AVE REALTY | 143-48 41ST AVE | 1193 feet to the ESE | Petroleum Bulk Storage Site |
| 392 | NORTHERN BOULEVARD MAZDA | 36-09 BUD PLACE | 1195 feet to the W | Hazardous Waste Generator/Transporter |
| 258 | 143-11 BARCLAY AVE | 143-11 BARCLAY AVENUE | 1197 feet to the ESE | Closed Status Spill (Misc. Spill Cause) |
| 393 | YONKE AUTO BODY WORKS INCORPORATED | 36-07 BUDD PLACE | 1197 feet to the W | Hazardous Waste Generator/Transporter |
| 259 | 143-55 41ST AVE | 143-55 41ST AVE | 1199 feet to the ESE | Closed Status Spill (Misc. Spill Cause) |
| 87 | 133 37TH AVENUE | 133 37TH AVENUE | 1218 feet to the WSW | Closed Status Tank Test Failure |
| 133 | 133-30 37TH AVE. | 133-30 37TH AVE. | 1218 feet to the WSW | Closed Status Spill (Unk/Other Cause) |
| 400 | RAYEX CORP | 133-30 37 AVE | 1218 feet to the WSW | Air Discharge Site |
| 401 | RAYEX CORP | 133-30 37 AVE | 1218 feet to the WSW | Air Discharge Site |

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| 402 | LENSCRAFT OPTICAL CO | 133-30 37 AVE | 1218 feet to the WSW | Air Discharge Site |
| 403 | RAYEX CORP | 133-30 37 AVE | 1218 feet to the WSW | Air Discharge Site |
| 345 | LINZER PRODUCTS INC. | 133-30 37TH AVENUE | 1219 feet to the WSW | Petroleum Bulk Storage Site |
| 346 | 35-11 PRINCE STREET | 35-11 PRINCE STREET | 1225 feet to the WNW | Petroleum Bulk Storage Site |
| 347 | GREEN PARK/SUSSEX | 143-06 BARCLAY AVE | 1225 feet to the ESE | Petroleum Bulk Storage Site |
| 348 | GREEN PARK/ESSEX | 143-23 BARCLAY AVE | 1254 feet to the ESE | Petroleum Bulk Storage Site |
| 349 | 134-37 35TH AVENUE | 134-25 35TH AVENUE | 1255 feet to the NW | Petroleum Bulk Storage Site |
| 394 | NEW YORK CITY DEPT OF SANITATION | 134-25 35TH | 1255 feet to the NW | Hazardous Waste Generator/Transporter |
| 260 | 134-23 NORTHERN BLVD / PA | 134-23 NORTHERN BLVD | 1258 feet to the WNW | Closed Status Spill (Misc. Spill Cause) |
| 67 | QUEENS EAST 11A DOS -DDC | 134-25 35TH AVENUE | 1261 feet to the NW | Active Haz Spill (Misc. Spill Cause) |
| 88 | 134-25 35TH ST PRIV RES | 134-25 35TH STREET | 1261 feet to the NW | Closed Status Tank Test Failure |
| 89 | NYC DEPT. OF SANITATION | 134-25 35TH AVENUE | 1261 feet to the NW | Closed Status Tank Test Failure |
| 134 | NYC DEPT. OF SANITATION | 134-25 35TH AVENUE | 1261 feet to the NW | Closed Status Spill (Unk/Other Cause) |
| 34 | SHELL | 141-54 NORTHERN BLVD | 1281 feet to the NE | Active Tank Test Failure |
| 69 | 141-54 NORTHERN BLVD. | 141-54 NORTHERN BLVD. | 1281 feet to the NE | Closed Status Tank Failure |
| 261 | SHELL STATION | 141-54 NORTHERN BLVD | 1281 feet to the NE | Closed Status Spill (Misc. Spill Cause) |
| 350 | PARSON'S AUTOCARE | 141-54 NORTHERN BLVD | 1286 feet to the NE | Petroleum Bulk Storage Site |
| 404 | SHELL OIL COMPANY | 141-54 NORTHERN BLVD | 1288 feet to the NE | Air Discharge Site |
| 90 | | 37-14 PARSONS BLVD | 1294 feet to the ENE | Closed Status Tank Test Failure |
| 262 | 37-04 PARSONS BLVD | 37-04 PARSONS BLVD | 1294 feet to the ENE | Closed Status Spill (Misc. Spill Cause) |
| 135 | MH 569 | PRINCE ST/35TH AVE | 1296 feet to the NW | Closed Status Spill (Unk/Other Cause) |
| 395 | SHELL OIL COMPANY | 141-54 NORTHERN BOULEVARD | 1298 feet to the NE | Hazardous Waste Generator/Transporter |
| 351 | HERITAGE EAST-WEST | 37-14 PARSONS BLVD | 1300 feet to the ENE | Petroleum Bulk Storage Site |
| 352 | 37-04 PARSONS BLVD | 37-04 PARSONS BLVD | 1301 feet to the ENE | Petroleum Bulk Storage Site |
| 353 | UNNITED PLUMBING | 134-03 35TH AVENUE | 1310 feet to the NW | Petroleum Bulk Storage Site |
| 396 | AUTORAMA BODYWORKS | 134-03 35TH AVENUE | 1310 feet to the NW | Hazardous Waste Generator/Transporter |
| 263 | VAULT 8645 | 38TTH AVE PARSONS BLVD | 1319 feet to the ENE | Closed Status Spill (Misc. Spill Cause) |
| 136 | VAULT 4075 | UNION ST/SANFORD ST | 1338 feet to the SSE | Closed Status Spill (Unk/Other Cause) |
| 137 | | 38-25 PARSONS AVE | 1347 feet to the ENE | Closed Status Spill (Unk/Other Cause) |
| 91 | CLOSED-LACKOF RECENT INFO | 37015 PARSONS BLVD | 1353 feet to the ENE | Closed Status Tank Test Failure |
| 92 | 42 KISSENA REALTY | 42-02 KISSENA BLVD | 1377 feet to the SSE | Closed Status Tank Failure |
| 138 | NORTHERN BLVD & PARSONS B | NORTHERN BLVD & PARSONS B | 1381 feet to the NE | Closed Status Spill (Unk/Other Cause) |
| 139 | BTWN MAIN/COLLEGE PT AVE | 41ST AVE & COLLEGE PT AVE | 1398 feet to the SSW | Closed Status Spill (Unk/Other Cause) |
| 49 | MANHOLE # 11857 | SANFORD AVE/MAIN STREET | 1401 feet to the S | Active Haz Spill (Unknown/Other Cause) |
| 70 | 41-60 MAIN ST/GREENPOINT | 41-60 MAIN ST/GREENPOINT | 1407 feet to the S | Closed Status Tank Failure |
| 35 | TTF- ROOSEVELT AVE | 144-25 ROOSEVELT AVE | 1418 feet to the E | Active Tank Test Failure |
| 140 | VAULT #1870 | 144-25 ROOSEVELT AVE | 1418 feet to the E | Closed Status Spill (Unk/Other Cause) |
| 50 | REPAIR SHOP | 34-48 LINDEN PL | 1426 feet to the NNW | Active Haz Spill (Unknown/Other Cause) |
| 141 | MAN HOLE #16942 | SANFORD AV & W OF BOWNE | 1426 feet to the SE | Closed Status Spill (Unk/Other Cause) |
| 36 | LATIMER GARDENS -NYCHA | 34-45 LINDEN PLACE | 1454 feet to the NNW | Active Tank Test Failure |
| 71 | LATIMER GARDENS | 3445 LINDEN PLACE | 1454 feet to the NNW | Closed Status Tank Failure |
| 72 | 4165 MAIN ST/QUEENS/USPS | 4165 MAIN STREET | 1466 feet to the S | Closed Status Tank Failure |
| 142 | SANFORD AVE & BOWD ST/QUNS | SANFORD AVE & BOWD STREET | 1471 feet to the SE | Closed Status Spill (Unk/Other Cause) |
| 143 | MANHOLE #13965 | 41ST AV & PARSONS BL | 1484 feet to the E | Closed Status Spill (Unk/Other Cause) |
| 144 | 139-29 34TH RD/QUEENS | 139-29 34TH ROAD | 1492 feet to the N | Closed Status Spill (Unk/Other Cause) |
| 28 | EXXONMOBIL S/S | 133-11 ROOSEVELT AVENUE | 1511 feet to the SW | Active Tank Failure |
| 145 | | 34-10 UNION ST | 1524 feet to the N | Closed Status Spill (Unk/Other Cause) |
| 93 | LONG ISLAND CARE CENTER | 144-61 38TH AV | 1526 feet to the ENE | Closed Status Tank Test Failure |
| 37 | APARTMENT BUILDING | 42-20 KISSENA BLVD. | 1529 feet to the SSE | Active Tank Test Failure |
| 264 | 37-01 COLLEGE PT AVE | 37-01 COLLEGE PT AVE | 1538 feet to the WSW | Closed Status Spill (Misc. Spill Cause) |
| 94 | | 144-20 38TH AV | 1542 feet to the ENE | Closed Status Tank Test Failure |
| 73 | 143-33 SANFORD AVE | 143-33 SANFORD AVE | 1563 feet to the ESE | Closed Status Tank Failure |
| 74 | PITTSTON/METRO COL. PT. | COLLEGE PT / 37TH AVE | 1568 feet to the WSW | Closed Status Tank Failure |

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| 95 | FLUSHING SAVINGS BANK | 144-51 NORTHERN BLVD | 1573 feet to the NE | Closed Status Tank Test Failure |
| 146 | 134-04 39TH AVE | 133-04 39TH AVE | 1579 feet to the WSW | Closed Status Spill (Unk/Other Cause) |
| 96 | CLOSED-LACKOF RECENT INFO | 3506 PARSONS BLVD | 1584 feet to the NE | Closed Status Tank Test Failure |
| 97 | CLOSED-LACKOF RECENT INFO | 35006 PARSONS BLVD | 1584 feet to the NE | Closed Status Tank Test Failure |
| 98 | CLOSED-LACKOF RECENT INFO | 3506 PARSONS BLVD | 1584 feet to the NE | Closed Status Tank Test Failure |
| 147 | 35-06 PARSONS BLVD | 35-06 PARSONS BLVD | 1584 feet to the NE | Closed Status Spill (Unk/Other Cause) |
| 265 | 3630 COLLEGE PT. BLVD | 3630 COLLEGE PT. BLVD | 1585 feet to the W | Closed Status Spill (Misc. Spill Cause) |
| 148 | 39TH ST + COLLEGE PT BLVD | 39TH ST + COLLEGE PT BLVD | 1593 feet to the WSW | Closed Status Spill (Unk/Other Cause) |
| 149 | VS 7425 | 39 AV / COLLEGE POINT BLV | 1593 feet to the WSW | Closed Status Spill (Unk/Other Cause) |
| 51 | WILLETS POINT ASPHAULT PL | 35-52 COLLEGE POINT BLVD | 1597 feet to the W | Active Haz Spill (Unknown/Other Cause) |
| 150 | EXCAVATION | 36ND AVE AT COLLEGE POINT | 1597 feet to the W | Closed Status Spill (Unk/Other Cause) |
| 266 | 143-30 SANFORD AVE | 143-30 SANFORD AVE | 1605 feet to the ESE | Closed Status Spill (Misc. Spill Cause) |
| 99 | 35-15 PARSONS BLVD/QUEENS | 35-15 PARSONS BLVD | 1607 feet to the NE | Closed Status Tank Test Failure |
| 151 | 37-02 COLLEGE PT BLVD,LLC | 37-02 COLLEGE POINT BLVD | 1624 feet to the WSW | Closed Status Spill (Unk/Other Cause) |
| 152 | 37-02 COLLEGE POINT BLVD | 37-02 COLLEGE POINT BLVD | 1624 feet to the WSW | Closed Status Spill (Unk/Other Cause) |
| 267 | ATLANTIC FUEL/COLLEGE PT | 37-02 COLLEGE PT BLVD | 1624 feet to the WSW | Closed Status Spill (Misc. Spill Cause) |
| 268 | 37-02 COLLEGE PT BL /QUNS | 37-02 COLLEGE PT. BLVD | 1624 feet to the WSW | Closed Status Spill (Misc. Spill Cause) |
| 153 | VAULT #7378 | 35-32 COLLEGE POINT BL | 1626 feet to the W | Closed Status Spill (Unk/Other Cause) |
| 38 | BLAND HOUSES -NYCHA | 40-05 COLLEGE POINT BLVD. | 1652 feet to the SW | Active Tank Test Failure |
| 100 | BLAND | 40-05 COLLEGE PT BLVD | 1652 feet to the SW | Closed Status Tank Test Failure |
| 154 | COLLEGE POINT BLVD+ | ROOSEVELT AVE | 1653 feet to the SW | Closed Status Spill (Unk/Other Cause) |
| 23 | FLUSHING TERMINAL | 37-02 COLLEGE POINT BOULEVARD | 1657 feet to the WSW | Major Oil Storage Facility |
| 155 | FLUSHING BAY | COLLEGE PT & NORTHERN BLV | 1670 feet to the WNW | Closed Status Spill (Unk/Other Cause) |
| 156 | SERVICE BOX 37566 | NORTHERN BL & COLLEGE PT | 1670 feet to the WNW | Closed Status Spill (Unk/Other Cause) |
| 157 | COLLEGE POINT BLVD/NORTHE | COLLEGE PT./NORTHERN BLVD | 1670 feet to the WNW | Closed Status Spill (Unk/Other Cause) |
| 158 | MAN HOLE 7378 -NOTHERN BL | AND COLLEGE POINT BL | 1670 feet to the WNW | Closed Status Spill (Unk/Other Cause) |
| 159 | MANHOLE #395 | COLLEGE PT BLVD/NORTHERN | 1670 feet to the WNW | Closed Status Spill (Unk/Other Cause) |
| 160 | MANHOLE 480 | NORTHERN BLVD/COLLEGE PT | 1670 feet to the WNW | Closed Status Spill (Unk/Other Cause) |
| 6 | FORMER AFMC TERMINAL | 37-02 COLLEGE POINT BOULEVARD | 1679 feet to the WSW | Brownfields Site |
| 39 | 4137 PARSONS BLVD | 4137 PARSONS BLVD | 1705 feet to the ESE | Active Tank Test Failure |
| 101 | 41-37 PARSONS BLVD. | 41-37 PARSONS BLVD. | 1705 feet to the ESE | Closed Status Tank Test Failure |
| 40 | 40-21 COLLEGE POINT BLVD -NYCHA | 40-21 COLLEGE POINT BLVD | 1731 feet to the SW | Active Tank Test Failure |
| 269 | BLAND | 40-21 COLLEGE PT BLVD | 1731 feet to the SW | Closed Status Spill (Misc. Spill Cause) |
| 41 | LEAVITT HOUSES -NYCHA | 139010 34TH ST/LEAVITT HS | 1765 feet to the N | Active Tank Test Failure |
| 75 | LEAVITT HOUSES | 139-10 34TH AVENUE | 1765 feet to the N | Closed Status Tank Failure |
| 161 | LATIMER PL AND | LINDEN PL | 1773 feet to the NNW | Closed Status Spill (Unk/Other Cause) |
| 162 | MANHOLE #13737 | LINDEN PL / LATIMER PL | 1773 feet to the NNW | Closed Status Spill (Unk/Other Cause) |
| 163 | MAMHOLE 16147 | N SANFORD AVE/FRAME PL | 1793 feet to the SSW | Closed Status Spill (Unk/Other Cause) |
| 1 | PARK NAMEPLATE CO. INC. | 33-37 FARRINGTON STREET | 1797 feet to the NNW | CERCLIS Site |
| 13 | CON EDISON COMPANY OF NY | | 1800 feet to the SW | Solid Waste Facility |
| 52 | | COLLEGE POINT BLVD/40TH R | 1803 feet to the SW | Active Haz Spill (Unknown/Other Cause) |
| 53 | FLUSHING INDUSTRIAL PARK | COLLEGE POINT AV/40TH RD | 1803 feet to the SW | Active Haz Spill (Unknown/Other Cause) |
| 164 | BROKEN FORCE MAIN | 40 ROAD NR COLLGE PT BLVD | 1803 feet to the SW | Closed Status Spill (Unk/Other Cause) |
| 270 | 40TH RD. & COLLEGE POINT | 40TH RD. & COLLEGE PT. | 1803 feet to the SW | Closed Status Spill (Misc. Spill Cause) |
| 165 | MAN HOLE #2856 | IFO 38-09 JANET PL | 1831 feet to the WSW | Closed Status Spill (Unk/Other Cause) |
| 42 | | 42-65 KISSENA BLVD | 1845 feet to the SSE | Active Tank Test Failure |
| 166 | MANHOLE 15071 | 35TH AV / COLLEGE POINT B | 1866 feet to the WNW | Closed Status Spill (Unk/Other Cause) |
| 167 | MAHOLE 2725 | MAPLE AV/MAIN ST | 1878 feet to the S | Closed Status Spill (Unk/Other Cause) |
| 168 | INTERSECTION ROOSEVELT | AND JANET PLACE | 1879 feet to the WSW | Closed Status Spill (Unk/Other Cause) |
| 169 | COMMERICAL BUS | SANFORD AVE PARSONS BLVD | 1906 feet to the ESE | Closed Status Spill (Unk/Other Cause) |
| 7 | FLUSHING INDUSTRIAL PARK - EASTERN | NW CORNER OF COLLEGE PT AVE & 40TH ROAD | 1933 feet to the SW | Brownfields Site |
| 43 | FRANKLIN NURSING HOME | 142-27 FRANKLIN AVE | 1935 feet to the SE | Active Tank Test Failure |
| 170 | | 33-05 FARRINGTON ST | 1937 feet to the NNW | Closed Status Spill (Unk/Other Cause) |

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| 171 | PARKING LOT | 4103 COLLEGE POINT BLVD | 1966 feet to the SW | Closed Status Spill (Unk/Other Cause) |
| 54 | MH 596 | 41'ST AVE & COLLEGE POINT | 1978 feet to the SW | Active Haz Spill (Unknown/Other Cause) |
| 172 | TALLMAN ISLAND REGULATOR | 57 | 1978 feet to the SW | Closed Status Spill (Unk/Other Cause) |
| 173 | TALLMANS ISLAND REG #57 | 41ST AV & COLLEGE PT BLVD | 1978 feet to the SW | Closed Status Spill (Unk/Other Cause) |
| 174 | FLUSHING BAY | REGULATOR 57 | 1978 feet to the SW | Closed Status Spill (Unk/Other Cause) |
| 175 | TALLMAN ISLAND REGULAT 57 | 41ST AV AND LAWERENCE ST | 1978 feet to the SW | Closed Status Spill (Unk/Other Cause) |
| 176 | TALLMAN ISLAND REG. #57 | 41ST ST E. OF LAWRENCE AV | 1978 feet to the SW | Closed Status Spill (Unk/Other Cause) |
| 177 | TALLMAN ISLAND REGUL. 57 | 41ST AVE E. OF LAWRENCE | 1978 feet to the SW | Closed Status Spill (Unk/Other Cause) |
| 271 | TALLMANS ISLAND REG #57 | 41ST AVE & LAWRENCE ST | 1978 feet to the SW | Closed Status Spill (Misc. Spill Cause) |
| 272 | 41ST AVENUE; COLLEGE POIN | 41ST AVE; COLLEGE PT. BLD | 1978 feet to the SW | Closed Status Spill (Misc. Spill Cause) |
| 55 | APT BUILDING | 134-37 MAPLE AVE | 1982 feet to the S | Active Haz Spill (Unknown/Other Cause) |
| 29 | LINDEN MAINTAINCE CORP | 134-02 33RD AVE | 2014 feet to the NW | Active Tank Failure |
| 102 | CLOSED-LACKOF RECENT INFO | 134-02 33RD AVE | 2014 feet to the NW | Closed Status Tank Test Failure |
| 178 | VS 6739 | 42-14 MAIN ST | 2042 feet to the S | Closed Status Spill (Unk/Other Cause) |
| 56 | 39-08 JANET PLACE | 39-08 JANET PLACE | 2058 feet to the WSW | Active Haz Spill (Unknown/Other Cause) |
| 76 | PROSPED FLUSHING PROMANON | 39-08 JANET PLACE | 2058 feet to the WSW | Closed Status Tank Failure |
| 179 | MANHOLE 2856 | 3908 JANET PLACE | 2058 feet to the WSW | Closed Status Spill (Unk/Other Cause) |
| 273 | COLLEGE PT BLVD, R'SVELT | 39-08 JANET PL | 2058 feet to the WSW | Closed Status Spill (Misc. Spill Cause) |
| 2 | SPECTRUM MAINTENANCE CORP | 39-08 JANET PLACE | 2064 feet to the WSW | CERCLIS Site |
| 30 | | 132-40 SANFORD AVE | 2141 feet to the SSW | Active Tank Failure |
| 180 | CATCH BASIN | 41-33 COLLEGE POINT BLVD | 2145 feet to the SSW | Closed Status Spill (Unk/Other Cause) |
| 57 | AMOCO GAS STATION | 32-35 LINDEN PL | 2148 feet to the NNW | Active Haz Spill (Unknown/Other Cause) |
| 181 | 131-60 40TH ROAD/QUEENS | 131-60 40TH ROAD | 2157 feet to the SW | Closed Status Spill (Unk/Other Cause) |
| 68 | IN FRONT OF | 140-75 ASH AVE/BOUND STRE | 2191 feet to the SE | Active Haz Spill (Misc. Spill Cause) |
| 182 | ON THE STREET IN FRONT OF | 132-19 34TH AVE | 2211 feet to the WNW | Closed Status Spill (Unk/Other Cause) |
| 58 | AMOCO | 32-02 LINDEN PLACE | 2221 feet to the NNW | Active Haz Spill (Unknown/Other Cause) |
| 183 | 32-02 LINDEN PL | 32-02 LINDEN PL | 2221 feet to the NNW | Closed Status Spill (Unk/Other Cause) |
| 8 | FLUSHING INDUSTRIAL PARK | NW CORNER OF COLLEGE PT AVE | 2226 feet to the SW | Brownfields Site |
| 77 | 138-10 FRANKLIN AVE | 138-10 FRANKLIN AVE | 2231 feet to the SSE | Closed Status Tank Failure |
| 103 | | 43-10 KISSENA BLVD | 2231 feet to the SSE | Closed Status Tank Test Failure |
| 184 | MANHOLE 13535 | 138-10 FRANKLIN AVE | 2231 feet to the SSE | Closed Status Spill (Unk/Other Cause) |
| 185 | MANHOLE 1461 | NW 140TH ST AT 32ND AVE | 2242 feet to the N | Closed Status Spill (Unk/Other Cause) |
| 14 | CON EDISON FARRINGTON | | 2244 feet to the NNW | Solid Waste Facility |
| 59 | FARRINGTON ST. FLUSH TRUC | 32ND AVE | 2244 feet to the NNW | Active Haz Spill (Unknown/Other Cause) |
| 60 | FARRINGTON ST & | 132ND AVE | 2244 feet to the NNW | Active Haz Spill (Unknown/Other Cause) |
| 186 | FARRINGTON FLUSH PIT | FARRINGTON ST & 32ND AV | 2244 feet to the NNW | Closed Status Spill (Unk/Other Cause) |
| 187 | | FARRINGTON ST/32ND ST | 2244 feet to the NNW | Closed Status Spill (Unk/Other Cause) |
| 188 | FARRINGTON ST FLUSH FACILITY | FARRINGTON ST/32ND AVE | 2244 feet to the NNW | Closed Status Spill (Unk/Other Cause) |
| 189 | MANHOLE #1476 | PARSON BLVD & 33RD AVE | 2285 feet to the NNE | Closed Status Spill (Unk/Other Cause) |
| 190 | MANHOLE 1462 | 32ND AV/LEAVITT AV | 2313 feet to the N | Closed Status Spill (Unk/Other Cause) |
| 104 | CLOSED-LACKOF RECENT INFO | 133050 32ND AVENUE | 2319 feet to the NW | Closed Status Tank Test Failure |
| 191 | MANHOLE 397 | 34TH AV & COLLEGEPOINT BL | 2351 feet to the WNW | Closed Status Spill (Unk/Other Cause) |
| 192 | MANHOLE 397 | 34TH AVE / COLLEGE PT BLV | 2351 feet to the WNW | Closed Status Spill (Unk/Other Cause) |
| 193 | MANHOLE #13779 | N/S ROOSEVELT AV & 147TH | 2355 feet to the E | Closed Status Spill (Unk/Other Cause) |
| 61 | MANHOLE # 16057 | UNION ST 32 AVE | 2392 feet to the N | Active Haz Spill (Unknown/Other Cause) |
| 194 | FLUSHING BAY | UNION ST / 32ND AVE | 2392 feet to the N | Closed Status Spill (Unk/Other Cause) |
| 195 | INTERSECTION -NYCT | SANFORD AV/COLLEGE POINT | 2397 feet to the SSW | Closed Status Spill (Unk/Other Cause) |
| 196 | 8043 MANHOLE | STANFORD AVE/COLLEGE POIN | 2397 feet to the SSW | Closed Status Spill (Unk/Other Cause) |
| 105 | 43-32 KISSENA BLVD | 43-32 KISSENA BLVD | 2416 feet to the SSE | Closed Status Tank Test Failure |
| 197 | CARLISLE TOWERS | 43-32 KISSENA BLVD | 2416 feet to the SSE | Closed Status Spill (Unk/Other Cause) |
| 198 | FARRENTON ST/DURANTE PROP | 31 DRIVE & 32ND AVE | 2420 feet to the NNW | Closed Status Spill (Unk/Other Cause) |
| 199 | MANHOLE # 15583 | 4233 COLLEGE POINT BL | 2421 feet to the SSW | Closed Status Spill (Unk/Other Cause) |
| 200 | PALLMAN ISLAND - REG #54 | DOWNING ST & 32ND AV | 2439 feet to the NW | Closed Status Spill (Unk/Other Cause) |

| | | | | |
|-----|---|---|----------------------|--|
| 201 | SEWER MAINT. STOREHOUSE DEP -DDC | 133-25 32ND AVE | 2466 feet to the NW | Closed Status Spill (Unk/Other Cause) |
| 106 | EXXONMOBIL | 147-10 NORTHERN BLVD | 2468 feet to the ENE | Closed Status Tank Test Failure |
| 202 | MOBIL | 147-10 NORTHERN BLVD | 2468 feet to the ENE | Closed Status Spill (Unk/Other Cause) |
| 203 | MANHOLE 2856 | NORTHSIDE ROOSEVELT AVE | 2471 feet to the WSW | Closed Status Spill (Unk/Other Cause) |
| 204 | 140-35 BEECH AVE | 140-35 BEECH AVE | 2476 feet to the SE | Closed Status Spill (Unk/Other Cause) |
| 107 | 147-10 41ST AVE | 147-10 41ST AVE | 2478 feet to the E | Closed Status Tank Test Failure |
| 62 | 133-15 32ND AVE/USPS | 133-15 32ND AVE/USPS | 2490 feet to the NW | Active Haz Spill (Unknown/Other Cause) |
| 63 | SETTLING BASIN | 31-43 FARRINGTON ST | 2507 feet to the NNW | Active Haz Spill (Unknown/Other Cause) |
| 205 | FARRINGTON ST FLUSH PIT | 31-43 FARRINGTON ST | 2507 feet to the NNW | Closed Status Spill (Unk/Other Cause) |
| 206 | FARRINGTON ST FLUSH PIT | 3143 FARRINGTON ST | 2507 feet to the NNW | Closed Status Spill (Unk/Other Cause) |
| 207 | FARRINGTON ST WASTE WATER | 31-43 FARRINGTON ST | 2507 feet to the NNW | Closed Status Spill (Unk/Other Cause) |
| 208 | 147-30 38TH AVE | 147-30 38TH AVE | 2509 feet to the ENE | Closed Status Spill (Unk/Other Cause) |
| 3 | FLUSHING RIVER COKING STATION | 32ND AVE (NR FLUSHING RIVER) | 2547 feet to the NNW | CERCLIS Site |
| 5 | CONED, FLUSHING RIVER COKING | 32ND AVENUE | 2547 feet to the NNW | Hazardous Substance Waste Disposal Site |
| 209 | MANHOLE # 1451 | COLLEGE POINT BL & 33R AV | 2549 feet to the WNW | Closed Status Spill (Unk/Other Cause) |
| 210 | MANHOLE # 1541 | 33RD AVE/COLLEGE POINT BL | 2549 feet to the WNW | Closed Status Spill (Unk/Other Cause) |
| 211 | MANHOLE #1451 | 33RD AV & COLLEGE POINT B | 2549 feet to the WNW | Closed Status Spill (Unk/Other Cause) |
| 212 | MANHOLE #1451 | COLLEGE PT-OPP 33RD AVE | 2549 feet to the WNW | Closed Status Spill (Unk/Other Cause) |
| 213 | MANHOLE 1451 | COLLEGE POINT BLVD+33RD | 2549 feet to the WNW | Closed Status Spill (Unk/Other Cause) |
| 214 | MANHOLE 14151 | COLLEGE POINT BLVD/33RD A | 2549 feet to the WNW | Closed Status Spill (Unk/Other Cause) |
| 15 | UNKNOWN | 32ND AVE. & HIGGINS AVE. | 2555 feet to the NW | Solid Waste Facility |
| 215 | TRANS VS5013 | 32ND AV & HIGGINS ST | 2555 feet to the NW | Closed Status Spill (Unk/Other Cause) |
| 216 | OPEN EXCAVATION | 32ND AVE & HIGGINS ST | 2555 feet to the NW | Closed Status Spill (Unk/Other Cause) |
| 217 | | HIGGINS ST/32ND AV | 2555 feet to the NW | Closed Status Spill (Unk/Other Cause) |
| 31 | CARLISLE TOWERS #3 | 42-49 COLDEN ST | 2562 feet to the SSE | Active Tank Failure |
| 218 | 35-19 147TH ST | 35-19 147TH ST | 2585 feet to the NE | Closed Status Spill (Unk/Other Cause) |
| 108 | 31-45 DOWNING STREET | 31-45 DOWNING STREET | 2586 feet to the NW | Closed Status Tank Test Failure |
| 64 | P BOX 2940 | 35TH AV/147TH ST | 2588 feet to the NE | Active Haz Spill (Unknown/Other Cause) |
| 219 | ON THE STREET | 42-55 COLDEN STREET | 2604 feet to the SSE | Closed Status Spill (Unk/Other Cause) |
| 16 | GRACE ASPHALT CORP | 30-01 HARPER STREET | 2650 feet to the WNW | Solid Waste Facility |
| 9 | FLUSHING INDUSTRIAL PARK-FLUSHING RIVER | NW CORNER OF COLLEGE PT AVE & 40TH ROAD | 2704 feet to the SW | Brownfields Site |
| 10 | FLUSHING INDUSTRIAL PARK - WESTERN | NW CORNER OF COLLEGE PT AVE & 40TH ROAD | 2704 feet to the SW | Brownfields Site |
| 11 | FLUSHING INDUSTRIAL PARK - WESTERN WATERFRONT | NW CORNER OF COLLEGE PT AVE & 40TH ROAD | 2704 feet to the SW | Brownfields Site |
| 25 | CONSOLIDATED EDISON | FARRINGTON ST & 32ND AVE | 2802 feet to the NNW | Hazardous Waste Treat, Storage, Disposal |
| 17 | EVERGREEN RECYCLING OF CO | 127-50 NORTHERN BLVD | 3466 feet to the W | Solid Waste Facility |
| 18 | TULLY ENVIRONMENTAL, INC. | | 3516 feet to the W | Solid Waste Facility |
| 24 | LEFFERTS OIL TERMINAL, INC. | 31-70 COLLEGE POINT BOULEVARD | 3715 feet to the NW | Major Oil Storage Facility |
| 19 | CROWN CONTAINER CO. | 126-46 34TH AVE | 4003 feet to the W | Solid Waste Facility |
| 20 | COLLEGE PT INDUS PK | | 4500 feet to the NW | Solid Waste Facility |
| 21 | DURANTE BROS. CONSTRUCTIO | 31-40 123RD STREET | 5059 feet to the WNW | Solid Waste Facility |
| 22 | BEECHWHITE REALTY DEMO SL | 31-40 123RD ST | 5059 feet to the WNW | Solid Waste Facility |
| 4 | COLLEGE POINT OIL LAGOON | 123RD STREET AND 31ST AVENUE | 5119 feet to the WNW | CERCLIS/NYSDEC Inactive Haz Waste Site |

Identified Toxic Sites by Category

Flushing Commons Flushing, NY 11354

* Compass directions can vary substantially for sites located very close to the subject property address.

CERCLIS/NYSDEC Inactive Hazardous Waste Sites

| MAP ID | FACILITY ID | FACILITY NAME | FACILITY STREET | DISTANCE & DIRECTION |
|--------|-------------|--------------------------|------------------------------|----------------------|
| 4 | 241001 | COLLEGE POINT OIL LAGOON | 123RD STREET AND 31ST AVENUE | 5119 feet to the WNW |

CERCLIS Sites

| MAP ID | FACILITY ID | FACILITY NAME | FACILITY STREET | DISTANCE & DIRECTION |
|--------|--------------|-------------------------------|------------------------------|----------------------|
| 1 | NYD001613868 | PARK NAMEPLATE CO. INC. | 33-37 FARRINGTON STREET | 1797 feet to the NNW |
| 2 | NYD130153117 | SPECTRUM MAINTENANCE CORP | 39-08 JANET PLACE | 2064 feet to the WSW |
| 3 | NYD980532345 | FLUSHING RIVER COKING STATION | 32ND AVE (NR FLUSHING RIVER) | 2547 feet to the NNW |

Hazardous Substance Waste Disposal Sites

| MAP ID | FACILITY ID | FACILITY NAME | FACILITY STREET | DISTANCE & DIRECTION |
|--------|-------------|------------------------------|-----------------|----------------------|
| 5 | | CONED, FLUSHING RIVER COKING | 32ND AVENUE | 2547 feet to the NNW |

Brownfields Sites

| MAP ID | FACILITY ID | FACILITY NAME | FACILITY STREET | DISTANCE & DIRECTION |
|--------|-------------|---|---|----------------------|
| 6 | V00303 | FORMER AFMC TERMINAL | 37-02 COLLEGE POINT BOULEVARD | 1679 feet to the WSW |
| 7 | C241051 | FLUSHING INDUSTRIAL PARK - EASTERN | NW CORNER OF COLLEGE PT AVE & 40TH ROAD | 1933 feet to the SW |
| 8 | V00374 | FLUSHING INDUSTRIAL PARK | NW CORNER OF COLLEGE PT AVE | 2226 feet to the SW |
| 9 | C241080 | FLUSHING INDUSTRIAL PARK-FLUSHING RIVER | NW CORNER OF COLLEGE PT AVE & 40TH ROAD | 2704 feet to the SW |
| 10 | C241078 | FLUSHING INDUSTRIAL PARK - WESTERN | NW CORNER OF COLLEGE PT AVE & 40TH ROAD | 2704 feet to the SW |
| 11 | C241079 | FLUSHING INDUSTRIAL PARK - WESTERN WATERFRONT | NW CORNER OF COLLEGE PT AVE & 40TH ROAD | 2704 feet to the SW |

Solid Waste Facilities

| MAP ID | FACILITY ID | FACILITY NAME | FACILITY STREET | DISTANCE & DIRECTION |
|--------|-------------|---------------------------|--------------------------|----------------------|
| 12 | 41D07 | BEECHHURST SHORES | 139-81 35 AVENUE | 1137 feet to the N |
| 13 | 41T52 | CON EDISON COMPANY OF NY | | 1800 feet to the SW |
| 14 | 41T18 | CON EDISON FARRINGTON | | 2244 feet to the NNW |
| 15 | | UNKNOWN | 32ND AVE. & HIGGINS AVE. | 2555 feet to the NW |
| 16 | 41W36 | GRACE ASPHALT CORP | 30-01 HARPER STREET | 2650 feet to the WNW |
| 17 | 41W93 | EVERGREEN RECYCLING OF CO | 127-50 NORTHERN BLVD | 3466 feet to the W |
| 18 | 41T95 | TULLY ENVIRONMENTAL, INC. | | 3516 feet to the W |
| 19 | 41T50 | CROWN CONTAINER CO. | 126-46 34TH AVE | 4003 feet to the W |
| 20 | 41D18 | COLLEGE PT INDUS PK | | 4500 feet to the NW |
| 21 | 41W22 | DURANTE BROS. CONSTRUCTIO | 31-40 123RD STREET | 5059 feet to the WNW |
| 22 | 41D06 | BEECHWHITE REALTY DEMO SL | 31-40 123RD ST | 5059 feet to the WNW |

Major Oil Storage Facilities

| MAP ID | FACILITY ID | FACILITY NAME | FACILITY STREET | DISTANCE & DIRECTION |
|--------|-------------|-----------------------------|-------------------------------|----------------------|
| 23 | 2-1900 | FLUSHING TERMINAL | 37-02 COLLEGE POINT BOULEVARD | 1657 feet to the WSW |
| 24 | 2-2260 | LEFFERTS OIL TERMINAL, INC. | 31-70 COLLEGE POINT BOULEVARD | 3715 feet to the NW |

Hazardous Waste Treatment, Storage, Disposal Facilities

| MAP ID | FACILITY ID | FACILITY NAME | FACILITY STREET | DISTANCE & DIRECTION |
|--------|--------------|---------------------|--------------------------|----------------------|
| 25 | NYD987010964 | CONSOLIDATED EDISON | FARRINGTON ST & 32ND AVE | 2802 feet to the NNW |

Active Tank Failures

| MAP ID | FACILITY ID | FACILITY NAME | FACILITY STREET | DISTANCE & DIRECTION |
|--------|-------------|------------------------|-------------------------|----------------------|
| 26 | 9312387 | 136-68 ROOSEVELT AVE. | 136-68 ROOSEVELT AVE. | 273 feet to the SSE |
| 27 | 0500365 | FORMER QUEENS BANK | 38-25 MAIN STREET | 370 feet to the WSW |
| 28 | 9103630 | EXXONMOBIL S/S | 133-11 ROOSEVELT AVENUE | 1511 feet to the SW |
| 29 | 9713682 | LINDEN MAINTAINCE CORP | 134-02 33RD AVE | 2014 feet to the NW |
| 30 | 0301843 | | 132-40 SANFORD AVE | 2141 feet to the SSW |
| 31 | 9614962 | CARLISLE TOWERS #3 | 42-49 COLDEN ST | 2562 feet to the SSE |

Active Tank Test Failures

| MAP ID | FACILITY ID | FACILITY NAME | FACILITY STREET | DISTANCE & DIRECTION |
|--------|-------------|---------------------------------|---------------------------|----------------------|
| 32 | 9708270 | 109 PRECINCT NYPD -DDC | 3705 UNION STREET | 30 feet to the NE* |
| 33 | 0208300 | C-HATTAN CORP. | 142-27 BARCLAY AVE | 999 feet to the SE |
| 34 | 9702798 | SHELL | 141-54 NORTHERN BLVD | 1281 feet to the NE |
| 35 | 9113069 | TTF- ROOSEVELT AVE | 144-25 ROOSEVELT AVE | 1418 feet to the E |
| 36 | 9606932 | LATIMER GARDENS -NYCHA | 34-45 LINDEN PLACE | 1454 feet to the NNW |
| 37 | 0400258 | APARTMENT BUILDING | 42-20 KISSENA BLVD. | 1529 feet to the SSE |
| 38 | 9403446 | BLAND HOUSES -NYCHA | 40-05 COLLEGE POINT BLVD. | 1652 feet to the SW |
| 39 | 9801316 | 4137 PARSONS BLVD | 4137 PARSONS BLVD | 1705 feet to the ESE |
| 40 | 9106685 | 40-21 COLLEGE POINT BLVD -NYCHA | 40-21 COLLEGE POINT BLVD | 1731 feet to the SW |
| 41 | 9108997 | LEAVITT HOUSES -NYCHA | 139010 34TH ST/LEAVITT HS | 1765 feet to the N |
| 42 | 0406020 | | 42-65 KISSENA BLVD | 1845 feet to the SSE |
| 43 | 9701403 | FRANKLIN NURSING HOME | 142-27 FRANKLIN AVE | 1935 feet to the SE |

Active Haz Spills (Unknown Causes & Other Causes)

| MAP ID | FACILITY ID | FACILITY NAME | FACILITY STREET | DISTANCE & DIRECTION |
|--------|-------------|---------------------------|---------------------------|----------------------|
| 44 | 0413171 | MULTIPLE DWELLING APT | 41-25 KISSENA BLVD | 849 feet to the S |
| 45 | 0006066 | 39TH AV & PRINCE ST | 39TH AV & PRINCE ST | 941 feet to the WSW |
| 46 | 0503197 | MANHOLE 12839 | UNION ST/35TH AVE | 1075 feet to the N |
| 47 | 0107332 | | 136-35 35TH AVE | 1092 feet to the NNW |
| 48 | 0205487 | OLD GAS STATION | 135-19 35TH AV | 1117 feet to the NW |
| 49 | 0504105 | MANHOLE # 11857 | SANFORD AVE/MAIN STREET | 1401 feet to the S |
| 50 | 9608529 | REPAIR SHOP | 34-48 LINDEN PL | 1426 feet to the NNW |
| 51 | 0105316 | WILLETS POINT ASPHALT PL | 35-52 COLLEGE POINT BLVD | 1597 feet to the W |
| 52 | 0401460 | | COLLEGE POINT BLVD/40TH R | 1803 feet to the SW |
| 53 | 0013545 | FLUSHING INDUSTRIAL PARK | COLLEGE POINT AV/40TH RD | 1803 feet to the SW |
| 54 | 0503331 | MH 596 | 41'ST AVE & COLLEGE POINT | 1978 feet to the SW |
| 55 | 0311275 | APT BUILDING | 134-37 MAPLE AVE | 1982 feet to the S |
| 56 | 9712812 | 39-08 JANET PLACE | 39-08 JANET PLACE | 2058 feet to the WSW |
| 57 | 9709908 | AMOCO GAS STATION | 32-35 LINDEN PL | 2148 feet to the NNW |
| 58 | 9405188 | AMOCO | 32-02 LINDEN PLACE | 2221 feet to the NNW |
| 59 | 9515218 | FARRINGTON ST. FLUSH TRUC | 32ND AVE | 2244 feet to the NNW |
| 60 | 0011678 | FARRINGTON ST & | 132ND AVE | 2244 feet to the NNW |
| 61 | 0503936 | MANHOLE # 16057 | UNION ST 32 AVE | 2392 feet to the N |
| 62 | 9108658 | 133-15 32ND AVE/USPS | 133-15 32ND AVE/USPS | 2490 feet to the NW |
| 63 | 9612691 | SETTLING BASIN | 31-43 FARRINGTON ST | 2507 feet to the NNW |
| 64 | 0504651 | P BOX 2940 | 35TH AV/147TH ST | 2588 feet to the NE |

Active Haz Spills (Miscellaneous Spill Causes)

| MAP ID | FACILITY ID | FACILITY NAME | FACILITY STREET | DISTANCE & DIRECTION |
|--------|-------------|-----------------------|------------------------|----------------------|
| 65 | 9512786 | 1 LIBRARY PLAZA | MAIN ST & KISSENA BLVD | 727 feet to the SSW |
| 66 | 9811636 | M P G SERVICE STATION | 136-35 35TH AVENUE | 1092 feet to the NNW |

| | | | | |
|----|---------|--------------------------|---------------------------|---------------------|
| 67 | 9416190 | QUEENS EAST 11A DOS -DDC | 134-25 35TH AVENUE | 1261 feet to the NW |
| 68 | 0503107 | IN FRONT OF | 140-75 ASH AVE/BOUND STRE | 2191 feet to the SE |

Closed Status Tank Failures

| MAP ID | FACILITY ID | FACILITY NAME | FACILITY STREET | DISTANCE & DIRECTION |
|--------|-------------|--------------------------|--------------------------|----------------------|
| 69 | 9211069 | 141-54 NORTHERN BLVD. | 141-54 NORTHERN BLVD. | 1281 feet to the NE |
| 70 | 9201644 | 41-60 MAIN ST/GREENPOINT | 41-60 MAIN ST/GREENPOINT | 1407 feet to the S |
| 71 | 9008380 | LATIMER GARDENS | 3445 LINDEN PLACE | 1454 feet to the NNW |
| 72 | 8906199 | 4165 MAIN ST/QUEENS/USPS | 4165 MAIN STREET | 1466 feet to the S |
| 73 | 9303105 | 143-33 SANFORD AVE | 143-33 SANFORD AVE | 1563 feet to the ESE |
| 74 | 8000814 | PITTSTON/METRO COL. PT. | COLLEGE PT / 37TH AVE | 1568 feet to the WSW |
| 75 | 9008383 | LEAVITT HOUSES | 139-10 34TH AVENUE | 1765 feet to the N |
| 76 | 0405679 | PROPSD FLUSHING PROMANON | 39-08 JANET PLACE | 2058 feet to the WSW |
| 77 | 9107656 | 138-10 FRANKLIN AVE | 138-10 FRANKLIN AVE | 2231 feet to the SSE |

Closed Status Tank Test Failures

| MAP ID | FACILITY ID | FACILITY NAME | FACILITY STREET | DISTANCE & DIRECTION |
|--------|-------------|---------------------------|-------------------------|----------------------|
| 78 | 0205849 | QUEENS CO SAVINGS BANK | 136-65 ROOSEVELT AVE | 219 feet to the SSE |
| 79 | 9400260 | 136-21 ROOSEVELT AVENUE | 136-21 ROOSEVELT AVENUE | 250 feet to the SSW |
| 80 | 8906087 | 39-15 MAIN STREET | 39-15 MAIN ST | 351 feet to the SW |
| 81 | 8804351 | CLOSED-LACKOF RECENT INFO | 38-25 MAIN STREET | 370 feet to the WSW |
| 82 | 8710346 | 141-08 NORTHERN BLVD/QUNS | 141-08 NORTHERN BLVD | 817 feet to the NNE |
| 83 | 9807106 | 143-37 38TH AVE | 143-37 38TH AVE | 885 feet to the ENE |
| 84 | 0200080 | | 141-57 NORTHERN BL | 937 feet to the NE |
| 85 | 8801217 | NHE REALTY | 142-09 BARCLAY AVENUE | 985 feet to the SE |
| 86 | 8710003 | 41-61 KISSENA BLVD/QUEENS | 41-61 KISSENA BLVD | 1113 feet to the S |
| 87 | 9309025 | 133 37TH AVENUE | 133 37TH AVENUE | 1218 feet to the WSW |
| 88 | 9500509 | 134-25 35TH ST PRIV RES | 134-25 35TH STREET | 1261 feet to the NW |
| 89 | 9500504 | NYC DEPT. OF SANITATION | 134-25 35TH AVENUE | 1261 feet to the NW |
| 90 | 9807105 | | 37-14 PARSONS BLVD | 1294 feet to the ENE |
| 91 | 8805287 | CLOSED-LACKOF RECENT INFO | 37015 PARSONS BLVD | 1353 feet to the ENE |
| 92 | 0301177 | 42 KISSENA REALTY | 42-02 KISSENA BLVD | 1377 feet to the SSE |
| 93 | 9605356 | LONG ISLAND CARE CENTER | 144-61 38TH AV | 1526 feet to the ENE |
| 94 | 9807908 | | 144-20 38TH AV | 1542 feet to the ENE |
| 95 | 0209991 | FLUSHING SAVINGS BANK | 144-51 NORTHERN BLVD | 1573 feet to the NE |
| 96 | 9403158 | CLOSED-LACKOF RECENT INFO | 3506 PARSONS BLVD | 1584 feet to the NE |
| 97 | 8802851 | CLOSED-LACKOF RECENT INFO | 35006 PARSONS BLVD | 1584 feet to the NE |
| 98 | 8802583 | CLOSED-LACKOF RECENT INFO | 3506 PARSONS BLVD | 1584 feet to the NE |
| 99 | 8708616 | 35-15 PARSONS BLVD/QUEENS | 35-15 PARSONS BLVD | 1607 feet to the NE |
| 100 | 9008753 | BLAND | 40-05 COLLEGE PT BLVD | 1652 feet to the SW |
| 101 | 8710689 | 41-37 PARSONS BLVD. | 41-37 PARSONS BLVD. | 1705 feet to the ESE |
| 102 | 8710850 | CLOSED-LACKOF RECENT INFO | 134-02 33RD AVE | 2014 feet to the NW |
| 103 | 0109014 | | 43-10 KISSENA BLVD | 2231 feet to the SSE |
| 104 | 8809691 | CLOSED-LACKOF RECENT INFO | 133050 32ND AVENUE | 2319 feet to the NW |
| 105 | 9700140 | 43-32 KISSENA BLVD | 43-32 KISSENA BLVD | 2416 feet to the SSE |
| 106 | 9009049 | EXXONMOBIL | 147-10 NORTHERN BLVD | 2468 feet to the ENE |
| 107 | 9614572 | 147-10 41ST AVE | 147-10 41ST AVE | 2478 feet to the E |
| 108 | 8804015 | 31-45 DOWNING STREET | 31-45 DOWNING STREET | 2586 feet to the NW |

Closed Status Spills (Unknown Causes & Other Causes)

| MAP ID | FACILITY ID | FACILITY NAME | FACILITY STREET | DISTANCE & DIRECTION |
|--------|-------------|----------------------|---------------------------|----------------------|
| 109 | 9611328 | 38TH AVE | UNION ST. | 0 feet |
| 110 | 9805966 | 142-05 ROOSEVELT AVE | 142-05 ROOSEVELT AVE A330 | 220 feet to the ESE |

| | | | | |
|-----|---------|----------------------------|---------------------------|----------------------|
| 111 | 0211454 | MANHOLE 1698 | ROOSEVELT AVE NEAR UNION | 246 feet to the SE |
| 112 | 9308905 | 38-01 MAIN STREET | 38-01 MAIN STREET | 374 feet to the WSW |
| 113 | 0008568 | MANHOLE # 11103 | MAIN ST/39TH AVE | 383 feet to the SW |
| 114 | 0008304 | MANHOLE 11103 | MAIN ST/39TH AVE | 383 feet to the SW |
| 115 | 0005296 | SERVICE BOX #8416 | MAIN ST/38TH AV | 404 feet to the WSW |
| 116 | 9906670 | MAN HOLE 15679 | ROOSEVELT AV/MAIN ST | 441 feet to the SW |
| 117 | 0002351 | MANHOLE #22493 | ROOSEVELT AV & MAIN ST | 441 feet to the SW |
| 118 | 0002346 | MANHOLE 10270 | ROOSEVELT AV/MAIN ST | 441 feet to the SW |
| 119 | 0130015 | VERIZON | 137-34 NORTHERN BLVD | 545 feet to the NW |
| 120 | 9508012 | BLACKTOP | 137-58 NORTHERN BLVD R/O | 553 feet to the N |
| 121 | 0006121 | SEARS | 137-45 NORTHERN BLVD | 607 feet to the NNW |
| 122 | 0007280 | MANHOLE #13533 | ROOSEVELT AV & BOWNE | 678 feet to the E |
| 123 | 9710135 | | 36-18 MAIN STREET | 686 feet to the WNW |
| 124 | 0210225 | MANHOLE 16934 | KISSENA BLVD & 41ST AVE | 727 feet to the SSW |
| 125 | 0200436 | | NORTHERN BLVD/BOWNE ST | 827 feet to the NNE |
| 126 | 9809614 | | E OF 135-25 NORTHERN BLVD | 840 feet to the WNW |
| 127 | 0413170 | RESIDENTIAL FACILITY | 41-25 KISSENA BLVD | 849 feet to the S |
| 128 | 8807938 | 141-25 NORTHERN BLVD/QUNS | 141-25 NORTHERN BLVD | 887 feet to the NNE |
| 129 | 0300630 | VAULT # 6640 | PRINCE ST & ROSEVELT AVE | 956 feet to the SW |
| 130 | 0008180 | MANHOLE 2754 | PRINCE STREET/ROOSEVELT | 956 feet to the SW |
| 131 | 0402589 | CAR | 135-05 NORTHERN BLVD | 1027 feet to the WNW |
| 132 | 0311577 | MANHOLE 16929 | BARKLEY AVE & BROWN ST | 1183 feet to the ESE |
| 133 | 9209651 | 133-30 37TH AVE. | 133-30 37TH AVE. | 1218 feet to the WSW |
| 134 | 9416972 | NYC DEPT. OF SANITATION | 134-25 35TH AVENUE | 1261 feet to the NW |
| 135 | 0105887 | MH 569 | PRINCE ST/35TH AVE | 1296 feet to the NW |
| 136 | 0306817 | VAULT 4075 | UNION ST/SANFORD ST | 1338 feet to the SSE |
| 137 | 0203679 | | 38-25 PARSON AVE | 1347 feet to the ENE |
| 138 | 9313627 | NORTHERN BLVD & PARSONS B | NORTHERN BLVD & PARSONS B | 1381 feet to the NE |
| 139 | 0302268 | BTWN MAIN/COLLEGE PT AVE | 41ST AVE & COLLEGE PT AVE | 1398 feet to the SSW |
| 140 | 0005872 | VAULT #1870 | 144-25 ROOSEVELT AVE | 1418 feet to the E |
| 141 | 9814061 | MAN HOLE #16942 | SANFORD AV & W OF BOWNE | 1426 feet to the SE |
| 142 | 8910331 | SANFORD AVE & BOWD ST/QUNS | SANFORD AVE & BOWD STREET | 1471 feet to the SE |
| 143 | 0209365 | MANHOLE #13965 | 41ST AV & PARSONS BL | 1484 feet to the E |
| 144 | 9008665 | 139-29 34TH RD/QUEENS | 139-29 34TH ROAD | 1492 feet to the N |
| 145 | 9907569 | | 34-10 UNION ST | 1524 feet to the N |
| 146 | 9508694 | 134-04 39TH AVE | 133-04 39TH AVE | 1579 feet to the WSW |
| 147 | 8900257 | 35-06 PARSONS BLVD | 35-06 PARSONS BLVD | 1584 feet to the NE |
| 148 | 9712504 | 39TH ST + COLLEGE PT BLVD | 39TH ST + COLLEGE PT BLVD | 1593 feet to the WSW |
| 149 | 0012140 | VS 7425 | 39 AV / COLLEGE POINT BLV | 1593 feet to the WSW |
| 150 | 9702516 | EXCAVATION | 36ND AVE AT COLLEGE POINT | 1597 feet to the W |
| 151 | 9807959 | 37-02 COLLEGE PT BLVD,LLC | 37-02 COLLEGE POINT BLVD | 1624 feet to the WSW |
| 152 | 9613079 | 37-02 COLLEG POINT BLVD | 37-02 COLLEG POINT BLVD | 1624 feet to the WSW |
| 153 | 0205900 | VAULT #7378 | 35-32 COLLEGE POINT BL | 1626 feet to the W |
| 154 | 0002275 | COLLEGE POINT BLVD+ | ROOSEVELT AVE | 1653 feet to the SW |
| 155 | 9910163 | FLUSHING BAY | COLLEGE PT & NORTHERN BLV | 1670 feet to the WNW |
| 156 | 9814294 | SERVICE BOX 37566 | NORTHERN BL & COLLEGE PT | 1670 feet to the WNW |
| 157 | 8703684 | COLLEGE POINT BLVD/NORTHE | COLLEGE PT./NORTHERN BLVD | 1670 feet to the WNW |
| 158 | 0211787 | MAN HOLE 7378 -NORTHERN BL | AND COLLEGE POINT BL | 1670 feet to the WNW |
| 159 | 0200788 | MANHOLE #395 | COLLEGE PT BLVD/NORTHERN | 1670 feet to the WNW |
| 160 | 0004074 | MANHOLE 480 | NORTHERN BLVD/COLLEGE PT | 1670 feet to the WNW |
| 161 | 9515111 | LATIMER PL AND | LINDEN PL | 1773 feet to the NNW |
| 162 | 0404716 | MANHOLE #13737 | LINDEN PL / LATIMER PL | 1773 feet to the NNW |
| 163 | 0111438 | MAMHOLE 16147 | N SANFORD AVE/FRAME PL | 1793 feet to the SSW |

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|-----|---------|----------------------------------|---------------------------|----------------------|
| 164 | 8806239 | BROKEN FORCE MAIN | 40 ROAD NR COLLGE PT BLVD | 1803 feet to the SW |
| 165 | 0111528 | MAN HOLE #2856 | IFO 38-09 JANET PL | 1831 feet to the WSW |
| 166 | 9908068 | MANHOLE 15071 | 35TH AV / COLLEGE POINT B | 1866 feet to the WNW |
| 167 | 0204046 | MAHOLE 2725 | MAPLE AV/MAIN ST | 1878 feet to the S |
| 168 | 9800091 | INTERSECTION ROOSEVELT | AND JANET PLACE | 1879 feet to the WSW |
| 169 | 9608076 | COMMERICAL BUS | SANFORD AVE PARSONS BLVD | 1906 feet to the ESE |
| 170 | 0300478 | | 33-05 FARRINGTON ST | 1937 feet to the NNW |
| 171 | 9907466 | PARKING LOT | 4103 COLLEGE POINT BLVD | 1966 feet to the SW |
| 172 | 9901392 | TALLMAN ISLAND REGULATOR | 57 | 1978 feet to the SW |
| 173 | 9900950 | TALLMANS ISLAND REG #57 | 41ST AV & COLLEGE PT BLVD | 1978 feet to the SW |
| 174 | 9811502 | FLUSHING BAY | REGULATOR 57 | 1978 feet to the SW |
| 175 | 0306267 | TALLMAN ISLAND REGULAT 57 | 41ST AV AND LAWERENCE ST | 1978 feet to the SW |
| 176 | 0003978 | TALLMAN ISLAND REG. #57 | 41ST ST E. OF LAWRENCE AV | 1978 feet to the SW |
| 177 | 0003657 | TALLMAN ISLAND REGUL. 57 | 41ST AVE E. OF LAWRENCE | 1978 feet to the SW |
| 178 | 9901270 | VS 6739 | 42-14 MAIN ST | 2042 feet to the S |
| 179 | 9810488 | MANHOLE 2856 | 3908 JANET PLACE | 2058 feet to the WSW |
| 180 | 0409784 | CATCH BASIN | 41-33 COLLEGE POINT BLVD | 2145 feet to the SSW |
| 181 | 8806394 | 131-60 40TH ROAD/QUEENS | 131-60 40TH ROAD | 2157 feet to the SW |
| 182 | 9811411 | ON THE STREET IN FRONT OF | 132-19 34TH AVE | 2211 feet to the WNW |
| 183 | 9103428 | 32-02 LINDEN PL | 32-02 LINDEN PL | 2221 feet to the NNW |
| 184 | 0105754 | MANHOLE 13535 | 138-10 FRANKLIN AVE | 2231 feet to the SSE |
| 185 | 9912928 | MANHOLE 1461 | NW 140TH ST AT 32ND AVE | 2242 feet to the N |
| 186 | 9914802 | FARRINGTON FLUSH PIT | FARRINGTON ST & 32ND AV | 2244 feet to the NNW |
| 187 | 9900087 | | FARRINGTON ST/32ND ST | 2244 feet to the NNW |
| 188 | 9606861 | FARRINGTON ST FLUSH FACILITY | FARRINGTON ST/32ND AVE | 2244 feet to the NNW |
| 189 | 0207089 | MANHOLE #1476 | PARSON BLVD & 33RD AVE | 2285 feet to the NNE |
| 190 | 0106775 | MANHOLE 1462 | 32ND AV/LEAVITT AV | 2313 feet to the N |
| 191 | 9911319 | MANHOLE 397 | 34TH AV & COLLEGEPOINT BL | 2351 feet to the WNW |
| 192 | 0107376 | MANHOLE 397 | 34TH AVE / COLLEGE PT BLV | 2351 feet to the WNW |
| 193 | 0306082 | MANHOLE #13779 | N/S ROOSEVELT AV & 147TH | 2355 feet to the E |
| 194 | 9912898 | FLUSHING BAY | UNION ST / 32ND AVE | 2392 feet to the N |
| 195 | 0403969 | INTERSECTION -NYCT | SANFORD AV/COLLEGE POINT | 2397 feet to the SSW |
| 196 | 0310089 | 8043 MANHOLE | STANFORD AVE/COLLEGE POIN | 2397 feet to the SSW |
| 197 | 9614948 | CARLISLE TOWERS | 43-32 KISSENA BLVD | 2416 feet to the SSE |
| 198 | 9909358 | FARRENTON ST/DURANTE PROP | 31 DRIVE & 32ND AVE | 2420 feet to the NNW |
| 199 | 0002276 | MANHOLE # 15583 | 4233 COLLEGE POINT BL | 2421 feet to the SSW |
| 200 | 0109389 | PALLMAN ISLAND - REG #54 | DOWNING ST & 32ND AV | 2439 feet to the NW |
| 201 | 9609182 | SEWER MAINT. STOREHOUSE DEP -DDC | 133-25 32ND AVE | 2466 feet to the NW |
| 202 | 0308748 | MOBIL | 147-10 NORTHERN BLVD | 2468 feet to the ENE |
| 203 | 9809461 | MANHOLE 2856 | NORTHSIDE ROOSEVELT AVE | 2471 feet to the WSW |
| 204 | 9203189 | 140-35 BEECH AVE | 140-35 BEECH AVE | 2476 feet to the SE |
| 205 | 0404707 | FARRINGTON ST FLUSH PIT | 31-43 FARRINGTON ST | 2507 feet to the NNW |
| 206 | 0401646 | FARRINGTON ST FLUSH PIT | 3143 FARRINGTON ST | 2507 feet to the NNW |
| 207 | 0004633 | FARRINGTON ST WASTE WATER | 31-43 FARRINGTON ST | 2507 feet to the NNW |
| 208 | 0010418 | 147-30 38TH AVE | 147-30 38TH AVE | 2509 feet to the ENE |
| 209 | 9914182 | MANHOLE # 1451 | COLLEGE POINT BL & 33R AV | 2549 feet to the WNW |
| 210 | 9911316 | MANHOLE # 1541 | 33RD AVE/COLLEGE POINT BL | 2549 feet to the WNW |
| 211 | 0307971 | MANHOLE #1451 | 33RD AV & COLLEGE POINT B | 2549 feet to the WNW |
| 212 | 0201489 | MANHOLE #1451 | COLLEGE PT-OPP 33RD AVE | 2549 feet to the WNW |
| 213 | 0200215 | MANHOLE 1451 | COLLEGE POINT BLVD+33RD | 2549 feet to the WNW |
| 214 | 0106109 | MANHOLE 14151 | COLLEGE POINT BLVD/33RD A | 2549 feet to the WNW |
| 215 | 9902196 | TRANS VS5013 | 32ND AV & HIGGINS ST | 2555 feet to the NW |
| 216 | 0130012 | OPEN EXCAVATION | 32ND AVE & HIGGINS ST | 2555 feet to the NW |

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|-----|---------|----------------|---------------------|----------------------|
| 217 | 0106735 | | HIGGINS ST/32ND AV | 2555 feet to the NW |
| 218 | 9411410 | 35-19 147TH ST | 35-19 147TH ST | 2585 feet to the NE |
| 219 | 0310799 | ON THE STREET | 42-55 COLDEN STREET | 2604 feet to the SSE |

Closed Status Spills (Miscellaneous Spill Causes)

| MAP ID | FACILITY ID | FACILITY NAME | FACILITY STREET | DISTANCE & DIRECTION |
|--------|-------------|---------------------------|-------------------------|----------------------|
| 220 | 0205106 | VS 1231 EAST SIDE UNION | ST 37TH AVE 17FT NORTH | 0 feet |
| 221 | 9513002 | NYC PD 109TH PRE. | 3705 UNION ST | 30 feet to the NE* |
| 222 | 9415899 | 142-22 37TH AVE | 142-22 37TH AVE | 143 feet to the NE* |
| 223 | 0310413 | RESIDENCE | 142 -24 38 AVE | 153 feet to the ENE* |
| 224 | 9413168 | 136-31 ROOSEVELT AVE. | 136-31 ROOSEVELT AVE. | 211 feet to the SSW |
| 225 | 9902138 | BEAUTY PARLOR | 136-84 ROOSEVELT AVE | 273 feet to the SSE |
| 226 | 9503093 | 136-84 ROOSEVELT AVENUE | 136-84 ROOSVELT AVENUE | 273 feet to the SSE |
| 227 | 9413751 | 136-84 ROOSVELT AVENUE | 136-84 ROOSEVELT AVENUE | 273 feet to the SSE |
| 228 | 9415816 | 39-01 MAIN STREET | 39-01 MAIN STREET | 354 feet to the SW |
| 229 | 0405207 | MANHOLE 416 | 39TH AVE & MAIN ST | 383 feet to the SW |
| 230 | 9905487 | | 3914 MAIN ST | 410 feet to the SW |
| 231 | 0104975 | | 37 AVE AND MAIN ST | 421 feet to the W |
| 232 | 9514189 | MAIN STREET & | ROOSEVELT AVE & MAIN ST | 441 feet to the SW |
| 233 | 9406481 | 137-28 NORTHERN BLVD | 137-28 NORTHERN BLVD | 544 feet to the NW |
| 234 | 0412347 | VAULT 3119 | 137-34 NORTHERN BLVD | 545 feet to the NW |
| 235 | 0500803 | BUS#614 | NORTHERN BLVD/UNION ST. | 586 feet to the N |
| 236 | 9612149 | 40-23 MAIN ST | 40-23 MAIN ST | 607 feet to the SSW |
| 237 | 0005898 | SEARS | 137-45 NORTHERN BLVD | 607 feet to the NNW |
| 238 | 9600179 | PECKS | 3618 MAIN ST | 686 feet to the WNW |
| 239 | 9513610 | PECKS STATIONERS INC | 3618 MAIN STREET | 686 feet to the WNW |
| 240 | 9511128 | PECKS STATIONARY | 36-18 MAIN ST | 686 feet to the WNW |
| 241 | 9510550 | PECKS STATIONERS INC | 3618 MAIN ST | 686 feet to the WNW |
| 242 | 9510542 | PECKS STATIONARY | 36-18 MAIN STREET | 686 feet to the WNW |
| 243 | 8908465 | PECK STATIONARY | 36-18 MAIN ST | 686 feet to the WNW |
| 244 | 9210844 | 1 LIBRARY PLAZA | MAIN ST | 727 feet to the SSW |
| 245 | 9808229 | 3620 BOWNE ST | 3620 BOWNE ST | 739 feet to the NE |
| 246 | 9513566 | MAIN ST/NORTHERN BLVD | MAIN ST & NORTHERN BLVD | 752 feet to the WNW |
| 247 | 9604233 | 135-29 NORTHERN BLVD | 135-29 NORTHERN BLVD | 806 feet to the WNW |
| 248 | 0208126 | MH 11372 | PRINCE ST/ROOSEVELTE AV | 956 feet to the SW |
| 249 | 0401572 | BUS #8535 | INT OF 41ST AND MAIN ST | 970 feet to the S |
| 250 | 9601513 | C-HATTAN INC. (APTS) | 142-27 BARCLAY AVE | 999 feet to the SE |
| 251 | 9516527 | 142-27 BARCLAY AVE | 142-27 BARCLAY AVE | 999 feet to the SE |
| 252 | 9000762 | 138-22 35TH AVE/QUEENS | 138-22 35TH AVENUE | 1027 feet to the N |
| 253 | 8909311 | 136-66 35TH AVE/QUEENS | 136-66 35TH AVENUE | 1033 feet to the NNW |
| 254 | 9412751 | 143-54 ROOSEVELT AVE | 143-54 ROOSEVELT | 1048 feet to the E |
| 255 | 9502493 | 143-20 37TH AVENUE | 143-20 37TH AVENUE | 1085 feet to the ENE |
| 256 | 0111299 | | 143-40 41ST AV | 1152 feet to the ESE |
| 257 | 0003575 | | 133-38 41ST AVE | 1159 feet to the SSW |
| 258 | 9309104 | 143-11 BARCLAY AVE | 143-11 BARCLAY AVENUE | 1197 feet to the ESE |
| 259 | 9509502 | 143-55 41ST AVE | 143-55 41ST AVE | 1199 feet to the ESE |
| 260 | 8605142 | 134-23 NORTHERN BLVD / PA | 134-23 NORTHERN BLVD | 1258 feet to the WNW |
| 261 | 9613836 | SHELL STATION | 141-54 NORTHERN BLVD | 1281 feet to the NE |
| 262 | 9600484 | 37-04 PARSONS BLVD | 37-04 PARSONS BLVD | 1294 feet to the ENE |
| 263 | 0300454 | VAULT 8645 | 38TTH AVE PARSONS BLVD | 1319 feet to the ENE |
| 264 | 9106512 | 37-01 COLLEGE PT AVE | 37-01 COLLEGE PT AVE | 1538 feet to the WSW |
| 265 | 9305224 | 3630 COLLEGE PT. BLVD | 3630 COLLEGE PT. BLVD | 1585 feet to the W |
| 266 | 9203775 | 143-30 SANFORD AVE | 143-30 SANFORD AVE | 1605 feet to the ESE |

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|-----|---------|---------------------------|---------------------------|----------------------|
| 267 | 8803431 | ATLANTIC FUEL/COLLEGE PT | 37-02 COLLEGE PT BLVD | 1624 feet to the WSW |
| 268 | 8707613 | 37-02 COLLEGE PT BL /QUNS | 37-02 COLLEGE PT. BLVD | 1624 feet to the WSW |
| 269 | 9106879 | BLAND | 40-21 COLLEGE PT BLVD | 1731 feet to the SW |
| 270 | 8700103 | 40TH RD. & COLLEGE POINT | 40TH RD. & COLLEGE PT. | 1803 feet to the SW |
| 271 | 9607212 | TALLMANS ISLAND REG #57 | 41ST AVE & LAWRENCE ST | 1978 feet to the SW |
| 272 | 8607349 | 41ST AVENUE; COLLEGE POIN | 41ST AVE; COLLEGE PT. BLD | 1978 feet to the SW |
| 273 | 9800087 | COLLEGE PT BLVD, R'SVELT | 39-08 JANET PL | 2058 feet to the WSW |

Petroleum Bulk Storage Sites

| MAP ID | FACILITY ID | FACILITY NAME | FACILITY STREET | DISTANCE & DIRECTION |
|--------|-------------|---------------------------------|-----------------------------|----------------------|
| 274 | 2-217565 | 109TH POLICE PRECINCT | 37-05 UNION STREET | 23 feet to the NE* |
| 275 | 2-202193 | THE IMPERIAL | 142-24 38TH AVE | 153 feet to the ENE* |
| 276 | 2-602326 | WILLIAMSBURG SAVINGS BANK | 136-65 ROOSEVELT AVENUE | 214 feet to the SSE |
| 277 | 2-199400 | THE BARBIZON | 142-05 ROOSEVELT AVENUE | 227 feet to the ESE |
| 278 | 2-404292 | PI ASSOCIATES, L.L.C. | 136-21 ROOSEVELT AVE | 256 feet to the SSW |
| 279 | 2-325651 | STERNS | 136-50 ROOSEVELT AVE | 266 feet to the S |
| 280 | 2-362190 | GLEN ORA | 142-10 ROOSEVELT AVE | 280 feet to the ESE |
| 281 | 2-603502 | 142-10 ROOSEVELT AVENUE | 142-10 ROOSEVELT AVENUE | 280 feet to the ESE |
| 282 | 2-358142 | FDNY - ENG. 273/LADDER 139 | 40-18 UNION STREET | 293 feet to the SE |
| 283 | 2-600188 | CHASE MANHATTAN BANK BR#111 | 39-15 MAIN STREET | 358 feet to the SW |
| 284 | 2-602376 | GERSON PROPERTIES | 39-01 MAIN STREET | 361 feet to the SW |
| 285 | 2-110515 | QUEENS COUNTY SAVINGS BANK | 38-25 MAIN ST | 376 feet to the WSW |
| 286 | 2-321192 | 38-15 MAIN ST | 38-15 MAIN ST | 378 feet to the WSW |
| 287 | 2-320641 | 37-29 MAIN ST | 37-29 MAIN ST | 389 feet to the W |
| 288 | 2-240907 | FUTURAMA INTERIORS | 37-02 MAIN ST | 444 feet to the W |
| 289 | 2-347485 | THE BANK OF NEW YORK | 36-63 MAIN STRETT | 475 feet to the WNW |
| 290 | 2-344095 | BELL ATLANTIC | 137-34 NORTHERN BOULEVARD | 552 feet to the NW |
| 291 | 2-391972 | FLUSHING ARMORY (QNTF) | 137-58 NORTHERN BLVD | 560 feet to the N |
| 292 | 2-189936 | FLUSHING YMCA | 138-46 NORTHERN BLVD | 565 feet to the N |
| 293 | 2-156779 | EXXONMOBIL S/S #17-GYX | 137-17 NORTHERN BLVD | 604 feet to the NW |
| 294 | 2-607271 | MAG AUTOMOTIVE ENTERPRISES INC. | 137-07 NORTHERN BLVD | 629 feet to the NW |
| 295 | 2-154792 | PISTILLI ASSOCIATES II, LLC | 38-15 BOWNE STREET | 655 feet to the ENE |
| 296 | 2-110922 | MONACO EQUITIES CO. | 142-01 41ST AVE | 667 feet to the SE |
| 297 | 2-333522 | MADISON HOUSE OWNERS CORP | 136-39 41ST AVE | 678 feet to the SSW |
| 298 | 2-045306 | 36-40 BOWNE STREET | 36-40 BOWNE STREET | 690 feet to the NE |
| 299 | 2-603650 | 36-40 BOWNE STREET | 36-40 BOWNE ESTREET | 690 feet to the NE |
| 300 | 2-404942 | ST MICHAELS R. C. CHURCH | 136-76 41 AVENUE | 699 feet to the SSW |
| 301 | 2-317810 | GEORGIAN HALL | 40-04 BOWNE ST | 700 feet to the ESE |
| 302 | 2-404934 | ST MICHAELS SCHOOL | 136-58 41ST AVE | 709 feet to the SSW |
| 303 | 2-362085 | SEAWANE | 142-41 41ST AVE | 715 feet to the SE |
| 304 | 2-271179 | BOWNETREE LTD | 143-15/17/19 38TH AVE | 731 feet to the ENE |
| 305 | 2-091006 | BOWNE STREET COMMUNITY CHURCH | 143-11 ROOSEVELT AVENUE | 736 feet to the E |
| 306 | 2-362093 | ROOSEVELT HOUSE | 143-08 ROOSEVELT AVE | 739 feet to the E |
| 307 | 2-258377 | BOWNEVIEW LTD | 36-20 BOWNE ST | 744 feet to the NE |
| 308 | 2-258318 | BOWNETREE LTD | 143-21/25 38 AV | 773 feet to the ENE |
| 309 | 2-159654 | 36-19 BOWNE ST | 36-19 BOWNE ST | 789 feet to the NE |
| 310 | 2-602753 | THE YEH REALTY, INC | 135-29 NORTHERN BLVD | 802 feet to the WNW |
| 311 | 2-603918 | RKO KEITH THEATER | 135-29 NORTHERN BLVD. | 802 feet to the WNW |
| 312 | 2-405558 | 36-11 BOWNE ST | 36-11 BOWNE ST | 813 feet to the NNE |
| 313 | 2-089338 | 135-27 38TH AVE | 135-27 38TH AVENUE | 817 feet to the WSW |
| 314 | 2-248347 | HERITAGE HOUSE | 143-30 38TH AVE | 842 feet to the ENE |
| 315 | 2-603250 | N.B. OWNERS INC. | 141-05 NORTHERN BLVD. | 851 feet to the NNE |
| 316 | 2-194158 | PARK REGENT MANAGEMENT CORP. | 41-25 KISSENA BLVD., RM 112 | 854 feet to the S |

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| 317 | 2-358169 | EMERGENCY MEDICAL SERVICE/STATION 52 | 135-16 38TH AVENUE | 867 feet to the WSW |
| 318 | 2-334138 | 141-25 OWNERS CORP | 141-25 NORTHERN BLVD | 882 feet to the NNE |
| 319 | 2-358827 | 143-30 ROOSEVELT AVE | 143-30 ROOSEVELT AVE | 884 feet to the E |
| 320 | 2-246549 | HERITAGE WEST | 143-37 38TH AVE | 885 feet to the ENE |
| 321 | 2-148709 | BOWNE REALTY | 143-05 41 AVE | 926 feet to the ESE |
| 322 | 2-603053 | C.J. AUTO CENTER, INC. | 133-53 37TH AVE. | 957 feet to the W |
| 323 | 2-604699 | 137-36 LEAVITT STREET | 137-36 LEAVITT STREET | 962 feet to the N |
| 324 | 2-202347 | KENDALL HALL | 41-10 BOWNE ST | 985 feet to the ESE |
| 325 | 2-305545 | FOXWOOD HOUSE CONDO | 41-07 BOWNE ST | 990 feet to the ESE |
| 326 | 2-292753 | N H E REALTY CO | 142-09 BARCLAY AVE | 992 feet to the SE |
| 327 | 2-260444 | BARCLAY EQUITIES | 142-19 BARCLAY AVE | 998 feet to the SE |
| 328 | 2-603371 | MONAHAN FORD SERVICE | 37-20 PRINCE STREET | 1001 feet to the WSW |
| 329 | 2-291196 | CHATTAN CORP | 142-27 BARCLAY AVE | 1004 feet to the SE |
| 330 | 2-244104 | 143-25 41ST AVE | 143-25 41ST AVE | 1031 feet to the ESE |
| 331 | 2-322660 | STANTON CONDOMINIUM | 41-40 UNION ST | 1042 feet to the SE |
| 332 | 2-354899 | P S 20 | 142-30 BARCLAY AV | 1055 feet to the SE |
| 333 | 2-352993 | FLUSHING H S - Q 460 | 35-01 UNION ST | 1070 feet to the N |
| 334 | 2-090271 | FLUSHING MANOR CARE CENTER | 139-66 35 AVENUE | 1072 feet to the N |
| 335 | 2-607138 | PUBLIC SCHOOL 23 | 138-11 35TH AVE. | 1080 feet to the N |
| 336 | 2-107573 | 143-20 37TH AVE | 143-20 37TH AVE | 1085 feet to the ENE |
| 337 | 2-349291 | LOR-PET SERVICE STA., LTD. | 136-35 35TH AVE | 1087 feet to the NNW |
| 338 | 2-188662 | RUDI & PAUL S/S #2704 | 135-19 35TH AVENUE | 1111 feet to the NW |
| 339 | 2-292451 | KINGSTON | 139-55 35TH AVENUE | 1112 feet to the N |
| 340 | 2-322695 | FLUSHING PLAZA | 41-61 KISSENA BLVD | 1117 feet to the S |
| 341 | 2-152390 | ROSE TERRACE | 139-81 35TH AVENUE | 1124 feet to the N |
| 342 | 2-362069 | 143-43 41ST AVE TENANTS CORP | 143-43 41 ST AVENUE | 1131 feet to the ESE |
| 343 | 2-069213 | HARWYN OWNERS CORP. | 143-40 41ST AVENUE | 1148 feet to the ESE |
| 344 | 2-196150 | 41ST AVE REALTY | 143-48 41ST AVE | 1193 feet to the ESE |
| 345 | 2-601710 | LINZER PRODUCTS INC. | 133-30 37TH AVENUE | 1219 feet to the WSW |
| 346 | 2-294020 | 35-11 PRINCE STREET | 35-11 PRINCE STREET | 1225 feet to the WNW |
| 347 | 2-199176 | GREEN PARK/SUSSEX | 143-06 BARCLAY AVE | 1225 feet to the ESE |
| 348 | 2-210692 | GREEN PARK/ESSEX | 143-23 BARCLAY AVE | 1254 feet to the ESE |
| 349 | 2-455458 | 134-37 35TH AVENUE | 134-25 35TH AVENUE | 1255 feet to the NW |
| 350 | 2-190624 | PARSON'S AUTOCARE | 141-54 NORTHERN BLVD | 1286 feet to the NE |
| 351 | 2-293660 | HERITAGE EAST-WEST | 37-14 PARSONS BLVD | 1300 feet to the ENE |
| 352 | 2-322954 | 37-04 PARSONS BLVD | 37-04 PARSONS BLVD | 1301 feet to the ENE |
| 353 | 2-604468 | UNNITED PLUMBING | 134-03 35TH AVENUE | 1310 feet to the NW |

Hazardous Waste Generators, Transporters

| MAP ID | FACILITY ID | FACILITY NAME | FACILITY STREET | DISTANCE & DIRECTION |
|--------|--------------|--------------------------|----------------------------|----------------------|
| 354 | NYR000006841 | NYCDOT | 138TH/37TH AVE | 0 feet |
| 355 | NYD057435778 | VELVET TOUCH CLEANERS | 3902 UNION STREET | 6 feet to the ESE* |
| 356 | NYD987029469 | ADT SECURITIES | 136-25 37TH AVE | 212 feet to the WNW |
| 357 | NYP004004610 | CONSOLIDATED EDISON | #7564 - UNION ST | 246 feet to the SE |
| 358 | NYR000108654 | MACYS #185 | 136-50 ROOSEVELT AVE | 266 feet to the S |
| 359 | NYP004015020 | CONSOLIDATED EDISON | V8601 - MAIN ST & 38TH AVE | 404 feet to the WSW |
| 360 | NYP004068185 | CONSOLIDATED EDISON | V8861-38TH & MAIN ST | 404 feet to the WSW |
| 361 | NYR000064196 | NYCTA | FLUSHING STATION-QUEENS | 441 feet to the SW |
| 362 | NYD981131063 | MARCELLE FRENCH CLEANERS | 142-60 ROOSEVELT AVENUE | 476 feet to the ESE |
| 363 | NYP000936815 | BELL ATLANTIC-NY | LINDEN PL/NORTHERN BLVD | 574 feet to the NW |
| 364 | NYP000937060 | BELL ATLANTIC-NY | RTHERN BLVD W/O UNION ST | 586 feet to the N |
| 365 | NY0001012640 | NEW YORK CITY OF | 137-35 NORTHERN BLVD | 597 feet to the NW |
| 366 | NYD986956712 | LAIS AUTO SVC CORP | 137-17 NORTHERN BLVD | 604 feet to the NW |

| | | | | |
|-----|--------------|--|----------------------------|----------------------|
| 367 | NYR000115717 | SEARS UNIT 3244 | 137 61 NORTHERN BLVD | 607 feet to the N |
| 368 | NYP004020210 | CONSOLIDATED EDISON CO | V9370 BOWNE ST & 38TH AVE | 633 feet to the ENE |
| 369 | NYP004015012 | CONSOLIDATED EDISON | V4057 - BOWNE & 38TH AVE | 633 feet to the ENE |
| 370 | NYP004072716 | CONSOLIDATED EDISON | V5202-BOWNE ST & 38TH AVE | 633 feet to the ENE |
| 371 | NYP000930107 | CONSOLIDATED EDISON CO | V8214-BOWNE AND ROOSEVELT | 678 feet to the E |
| 372 | NYP004019840 | CONSOLIDATED EDISON CO | V9156 UNION & 41 | 690 feet to the SE |
| 373 | NYD986973808 | PIP PRINTING 565 | 3609 MAIN ST | 700 feet to the WNW |
| 374 | NYR000086868 | ST GEORGE CHURCH | 135-32 38TH AVE | 776 feet to the WSW |
| 375 | NYD012360558 | FORSTER BROTHERS INCORPORATED | 39-15 PRINCE STREET | 914 feet to the WSW |
| 376 | NYD105863559 | ROMANO VALET CLEANERS | 4133 KISSENA BLVD | 915 feet to the S |
| 377 | NYD001887058 | KENT ELECTRO-PLATING CORP | 36-34 PRINCE ST | 934 feet to the W |
| 378 | NYD981132640 | HUTTER AUTO BODY INCORPORATED | 133-53 37TH AVENUE | 957 feet to the W |
| 379 | NYD982180093 | DAVIS AUTO BODY QUAILE CORP | 35-25 FARRINGTON STREET | 976 feet to the NW |
| 380 | NYD981562747 | MONAHAN FORD CORPORATION | 37-20 PRINCE STREET | 1001 feet to the WSW |
| 381 | NYP004102182 | CONSOLIDATED EDISON | 34 67 LEAVITT & 35 AVE | 1058 feet to the N |
| 382 | NYP010000818 | NYCDEP | 35TH & LEAVITT ST | 1058 feet to the N |
| 383 | NYP000930024 | CONSOLIDATED EDISON | V8628-LINDEN PL & 35TH AVE | 1064 feet to the NNW |
| 384 | NYP004007266 | CONSOLIDATED EDISON | 0500 - LINDEN PL & 35 AVE | 1064 feet to the NNW |
| 385 | NYP004016994 | CONSOLIDATED EDISON | V3856-35TH AVE & LINDEN PL | 1064 feet to the NNW |
| 386 | NYD100382712 | NEW YORK CITY BOARD OF EDUCATION | FLUSHING HIGH SCHOOL | 1070 feet to the N |
| 387 | NYD004068979 | CONSOLIDATED EDISON | V2983-35TH AVE & UNION ST | 1075 feet to the N |
| 388 | NYP004068979 | CONSOLIDATED EDISON | V2983-35TH AVE & UNION ST | 1075 feet to the N |
| 389 | NYN008010670 | QUEENS ACADEMY OF THE OUTREACH PROGRAM | 138-11 35TH ST | 1080 feet to the N |
| 390 | NYD000702597 | SERVICE STATION | 136-35 35TH AVE | 1087 feet to the NNW |
| 391 | NYN00001A106 | ACOUSTIC TECHNOLOGY | 41 29 MAIN ST (SUITE #150) | 1102 feet to the S |
| 392 | NYD987009289 | NORTHERN BOULEVARD MAZDA | 36-09 BUDD PLACE | 1195 feet to the W |
| 393 | NYD012454898 | YONKE AUTO BODY WORKS INCORPORATED | 36-07 BUDD PLACE | 1197 feet to the W |
| 394 | NYD982725509 | NEW YORK CITY DEPT OF SANITATION | 134-25 35TH | 1255 feet to the NW |
| 395 | NYD981483944 | SHELL OIL COMPANY | 141-54 NORTHERN BOULEVARD | 1298 feet to the NE |
| 396 | NYD981133218 | AUTORAMA BODYWORKS | 134-03 35TH AVENUE | 1310 feet to the NW |

Historic Utility Sites

| MAP ID | FACILITY ID | FACILITY NAME | FACILITY STREET | DISTANCE & DIRECTION |
|--------|-------------|---------------|-----------------|----------------------|
| 397 | CE249 | | | 384 feet to the SW |

Air Discharge Sites

| MAP ID | FACILITY ID | FACILITY NAME | FACILITY STREET | DISTANCE & DIRECTION |
|--------|-------------|---------------------------|----------------------|----------------------|
| 398 | 3608100176 | MOBIL | 137-17 NORTHERN BLVD | 618 feet to the NW |
| 399 | NY081R154 | YONKE AUTO BODY WORKS INC | 3607 BUDD PL | 1185 feet to the W |
| 400 | 3608102020 | RAYEX CORP | 133-30 37 AVE | 1218 feet to the WSW |
| 401 | 3608102016 | RAYEX CORP | 133-30 37 AVE | 1218 feet to the WSW |
| 402 | 3608100608 | LENSCRAFT OPTICAL CO | 133-30 37 AVE | 1218 feet to the WSW |
| 403 | 3608100611 | RAYEX CORP | 133-30 37 AVE | 1218 feet to the WSW |
| 404 | 3608100518 | SHELL OIL COMPANY | 141-54 NORTHERN BLVD | 1288 feet to the NE |

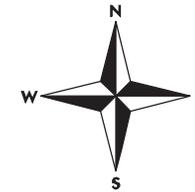
Civil & Administrative Enforcement Docket Sites

| MAP ID | FACILITY ID | FACILITY NAME | FACILITY STREET | DISTANCE & DIRECTION |
|--------|--------------|---------------|-----------------|----------------------|
| 405 | NYD100382712 | FLUSHING H S | 35-01 UNION ST | 1067 feet to the N |

Toxics Targeting 1 Mile Buffer Search Map Flushing Commons Flushing, NY 11354



Queens County



- NPL, CERCLIS, NYSDEC Inactive Hazardous Waste Disposal Registry or Registry Qualifying Site
- Hazardous Waste Treater, Storer, Disposer
- Hazardous Substance Waste Disposal Site
- Major Oil Storage Facility
- RCRA Corrective Action Facility
- Solid Waste Facility
- Brownfields Site

- Subject Area
- Waterbody
- Minor Roads
- Major Roads
- Expressways
- 1 Mile Radius
- 1/2 Mile Radius
- 1/4 Mile Radius
- County Border
- Railroad Tracks
- 1/2 Mile Radius
- 1/4 Mile Radius

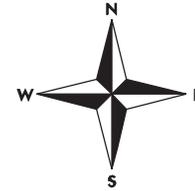


Scale: 1 inch = 1691 feet

Toxics Targeting 1/2 Mile Buffer Search Map Flushing Commons Flushing, NY 11354



Queens County



- ★ Hazardous Material Spill
- ★ (in red circle) MTBE Gasoline Additive Spill

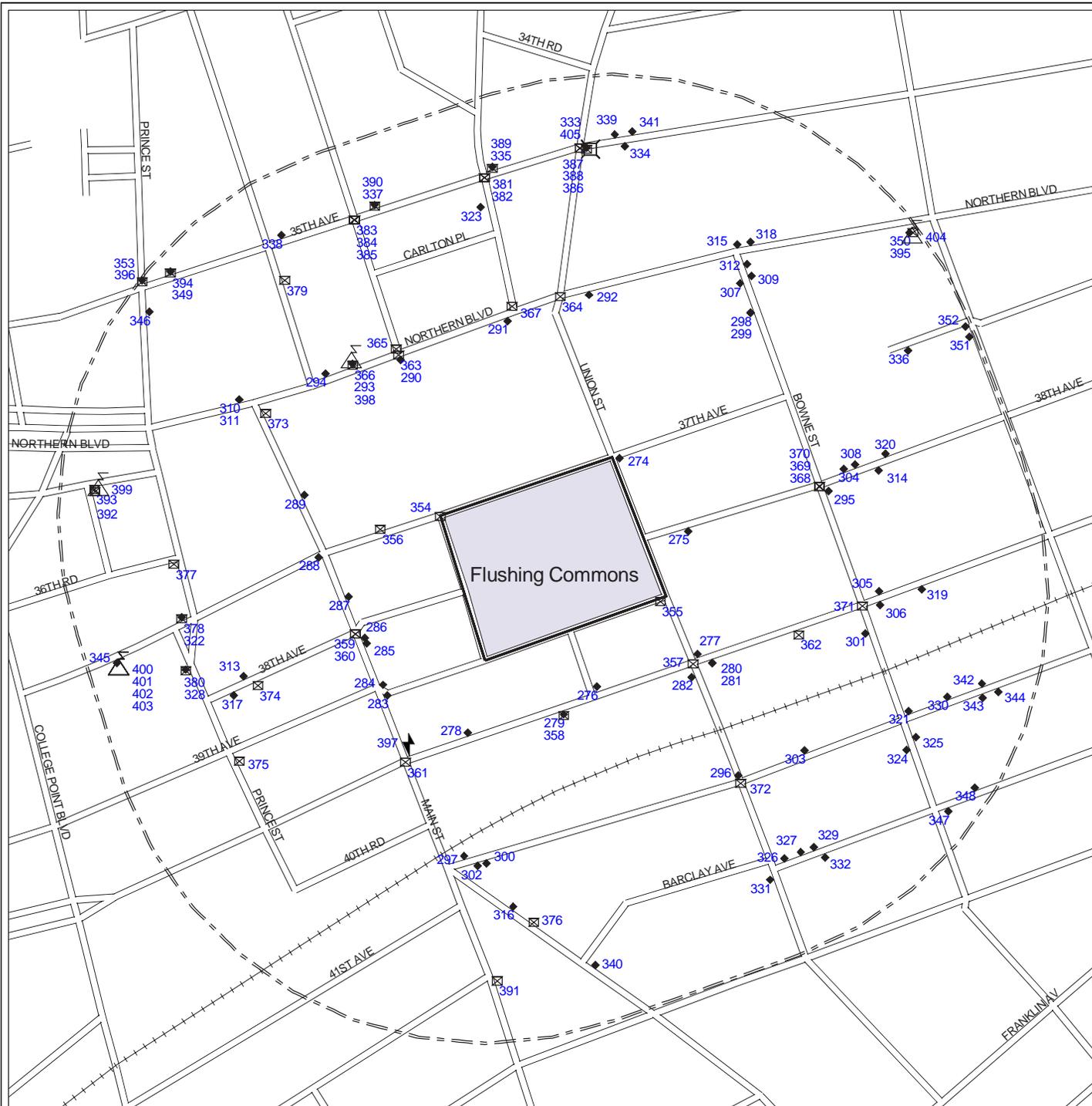
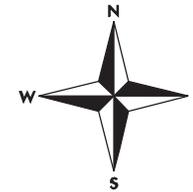
- Subject Area
- Waterbody
- Minor Roads
- Major Roads
- Expressways
- 1 Mile Radius
- 1/2 Mile Radius
- 1/4 Mile Radius
- County Border
- Railroad Tracks
- 1/2 Mile Radius
- 1/8 Mile Radius

Scale: 1 inch = 904 feet

Toxics Targeting 1/4 Mile Buffer Search Map Flushing Commons Flushing, NY 11354



Queens County



- Chemical Storage Facility
- Toxic Release
- Wastewater Discharge
- Hazardous Waste Generator, Transp.
- Air Release
- Enforcement Docket Facility
- Petroleum Bulk Storage Facility
- Historic Utility Site

- Subject Area
- Waterbody
- Minor Roads
- Major Roads
- Expressways
- 1/4 Mile Radius
- County Border
- Railroad Tracks
- 1/8 Mile Radius

Scale: 1 inch = 510 feet

Section Two: Toxic Site Profiles

The heading of each *Toxic Site Profile* refers to the site's map location and details:

- The facility name, address, city, state, and zip code (This information does not appear in the headings for Inactive Hazardous Waste Disposal Sites).
- Any changes that were made to a site's address in order to map its location.
- The site mapping method that was used (see *How Sites are Located*, at the end of this section for more information).

Toxic Site Profiles summarize information provided by site owners or operators and government agencies regarding various toxic chemical activities reported at each site, such as:

- Whether chemicals were stored, produced, transported, discharged or disposed of.
- The name of chemicals and their Chemical Abstract Series (CAS) numbers;
- The amount of chemicals and the units (gallons/pounds) the chemical was measured in.
- Whether the site or storage tanks at the site are currently active or inactive.
- Special codes used by government agencies to regulate hazardous waste activities at some sites
(A complete description of the codes follows the profiles section).

For selected individual chemicals reported at various toxic sites, some potential health effect summary information appears below the site profile. Each potential health effect summary identifies chemicals by name and by Chemical Abstract Series (CAS) Number. An "x" under each potential health effect heading indicates positive toxicity testing results reported by the National Institute of Occupational Safety and Health's Registry of Toxic Effects of Chemical Substances (RTECS). Some chemicals (mostly appearing in profiles of Hazardous Waste facilities), are reported as mixtures, and RTECS health effect information is only available for individual chemicals. In addition, RTECS only provides information on approximately 100,000 common chemicals. Consequently, the absence of potential health effect summary information for a particular chemical identified in a Toxic Site Profile does not necessarily mean that the chemical does not pose potential health effects.

The Maximum Contaminant Level (MCL) in drinking water allowed for selected chemicals is also noted. In most cases, the only applicable MCL has been set by the New York State Department of Health (NYSDOH). Where NYSDOH has not set an MCL, the federal standard, if one exists, is listed and is marked by an asterisk.

Presented below are column headings that describe the health effect definitions used in RTECS and applicable New York State and federal drinking water standards. Reference sources for information presented in this section are also provided.

ACUTE TOX: **Acute Toxicity:** Short-term exposure to this chemical can cause lethal and non-lethal toxicity effects not included in the following four categories.

TUMOR TOX: **Tumorigenic Toxicity:** The chemical can cause an increase in the incidence of tumors.

MUTAG TOX: **Mutagenic Toxicity:** The chemical can cause genetic alterations that are passed from one generation to the next.

REPRO TOX: **Reproductive toxicity:** May signify one of the following effects: maternal effects, paternal effects, effects on fertility, effects on the embryo or fetus, specific developmental abnormalities, tumorigenic effects, or effects on the newborn (only positive reproductive effects data for mammalian species are referenced)

IRRIT TOX: **Primary Irritant:** The chemical can cause eye or skin irritation

MCL: **Drinking Water Standard - Maximum Contaminant Level (MCL)** listed under Drinking Water Supplies, 10 NYCRR Part 5, Subparts 1.51(f),(g), and (h) for NYDOH MCL's and under the Safe Drinking Water Act, 40 CFR 141, Subparts B and G, (* indicates value for total trihalomethanes) for federal MCL's.

Reference Source for Toxicity Information: Registry of Toxic Effects of Chemical Substances (RTECS), NIOSH (on-line database); For further information, contact: NIOSH, 4676 Columbia Parkway, Cincinnati, OH, 45226, 800/35-NIOSH.

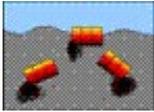
Reference Source for Drinking Water Standards: New York State Department of Health, Bureau of Toxic Substances Assessment, 2 University Place, Room 240, Albany, NY 12203, 518/458-6373.

U.S. Environmental Protection Agency, Office of Drinking Water, 401 M St SW, Mailstop WH-556, Washington, DC, 20460, 202/260-5700.

Inactive Hazardous Waste Disposal Site Classifications:

- 1 -- Causing or presenting an imminent danger of causing irreversible or irreparable damage to the public health or the environment -- immediate action required;
- 2 -- Significant threat to the public health or environment -- action required;
- 3 -- Does not Present a significant threat to the environment or public health -- action may be deferred;
- 4 -- Site properly closed --requires continued management;
- 5 -- Site properly closed, no evidence of present or potential adverse impact -- no further action required;
- 2a -- This temporary classification has been assigned to sites where there is inadequate data to assign them to the five classifications specified by law.

D₁, 2, 3 -- Delisted Site (1: hazardous waste not found; 2: remediated; 3: consolidated site or site incorrectly listed)



*** NPL, CERCLIS, INACTIVE HAZARDOUS WASTE REGISTRY SITES AND/OR REGISTRY QUALIFYING SITES *
* IDENTIFIED WITHIN 1 MILE SEARCH RADIUS ***

PLEASE NOTE: * Compass directions can vary substantially for sites located very close to the subject property address.

The New York State Department of Environmental Conservation issues Quarterly Status Reports of the Inactive Hazardous Disposal Site Registry. Part Five of those reports identifies "all sites that are under an investigation by the DEC in order to determine whether or not the site meets the statutory definition of an inactive hazardous waste disposal site." Sites identified in Part Five are not currently listed in the Registry and may be added to the Registry or dropped from consideration. This section contains information on those sites.

Map Identification Number 1

PARK NAMEPLATE CO. INC.
33-37 FARRINGTON STREET

FLUSHING, NY 11354

EPA Facility Id: NYD001613868

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING

Approximate distance from property: 1797 feet to the NNW

ADDRESS CHANGE INFORMATION

Revised street: 3337 FARRINGTON STREET

Revised zip code: NO CHANGE

SITE DESIGNATION: NPL - CERCLIS - X NYSDEC REGISTRY - NYSDEC REGISTRY QUALIFYING -

USEPA COMPREHENSIVE ENVIRONMENTAL RESPONSE
COMPENSATION AND LIABILITY INFORMATION SYSTEM (CERCLIS)

SITE INFORMATION

EPA-ID: NYD001613868 Site-ID: 0203099
Site Name: PARK NAMEPLATE CO. INC.
Site Street: 33-37 FARRINGTON STREET
Site City/State/Zip: FLUSHING, NY 11354

NFRAP (No Further Remedial Activity Planned) Status: NO FURTHER REMEDIAL ACTION PLANNED

Owner Indicator: Unknown NPL Status Indicator: Not on the NPL
Incident Type: USGS Hydrological Unit: 02030201
Incident Category: RCRA Flag: ENVIRON PRIORITY INITIATIVE
Non-NPL Status: NFRAP
Federal Facility Flag: Not a Federal Facility

SITE ALIAS INFORMATION

Alias Name: PARK NAMEPLATE CO. INC. Alias ID: 101
Alias Street: NY

Alias City/State/Zip: QUEENS

OPERABLE UNIT INFORMATION

Operable Unit ID: 00

Operable Unit Name: SITEWIDE

ACTION INFORMATION

Name: DISCOVERY
Lead: EPA Fund-Financed
Qualifier:
Category:
IFMS Entry: No Entry into IFMS
Anomaly Indicator:

Actual Start Date:
Actual Completion Date: 19890613
Operable Unit ID: 00
Planning Status:
Financial Budget Source:

Name: PRELIMINARY ASSESSMENT
Lead: EPA Fund-Financed
Qualifier: NFRAP (No Futher Remedial Action Planned)
Category:
IFMS Entry: Both Intramural and Extramural Entry into IFMS
Anomaly Indicator:

Actual Start Date: 19890324
Actual Completion Date: 19890626
Operable Unit ID: 00
Planning Status:
Financial Budget Source: Remedial

Name: ARCHIVE SITE
Lead: EPA In-House
Qualifier:
Category:
IFMS Entry: No Entry into IFMS
Anomaly Indicator:

Actual Start Date:
Actual Completion Date: 19981104
Operable Unit ID: 00
Planning Status:
Financial Budget Source:

FINANCIAL INFORMATION

No financial information was provided

Map Identification Number 2 SPECTRUM MAINTENANCE CORP
39-08 JANET PLACE

FLUSHING, NY 11354 EPA Facility Id: NYD130153117

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (1)
Approximate distance from property: 2064 feet to the WSW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

SITE DESIGNATION: NPL - CERCLIS - X NYSDEC REGISTRY - NYSDEC REGISTRY QUALIFYING -

USEPA COMPREHENSIVE ENVIRONMENTAL RESPONSE
 COMPENSATION AND LIABILITY INFORMATION SYSTEM (CERCLIS)

SITE INFORMATION

EPA-ID: NYD130153117 Site-ID: 0204162
 Site Name: SPECTRUM MAINTENANCE CORP
 Site Street: 39-08 JANET PLACE
 Site City/State/Zip: FLUSHING, NY 11354

NFRAP (No Further Remedial Activity Planned) Status: NOT DESIGNATED AS NFRAP

Owner Indicator: NPL Status Indicator: Not on the NPL
 Incident Type: USGS Hydrological Unit:
 Incident Category: RCRA Flag:
 Non-NPL Status: Removal Only Site (No Site Assessment Work Needed)
 Federal Facility Flag: Not a Federal Facility

SITE ALIAS INFORMATION

Alias Name: JANET DRUMS Alias ID: 101
 Alias Street:
 Alias City/State/Zip: NY
 Alias Name: SPECTRUM MAINTENANCE CORP Alias ID: 102
 Alias Street:
 Alias City/State/Zip: NY

OPERABLE UNIT INFORMATION

Operable Unit ID: 00 Operable Unit Name: SITEWIDE

ACTION INFORMATION

Name: REMOVAL ASSESSMENT Actual Start Date: 19980403
 Lead: EPA Fund-Financed Actual Completion Date: 19980403
 Qualifier: Operable Unit ID: 00
 Category: Planning Status:
 IFMS Entry: Both Intramural and Extramural Entry into IFMS Financial Budget Source: Removal
 Anomaly Indicator:

Name: REMOVAL Actual Start Date: 19980403
 Lead: EPA Fund-Financed Actual Completion Date: 19980429
 Qualifier: Cleaned up Operable Unit ID: 00
 Category: Emergency Planning Status: Primary
 IFMS Entry: Both Intramural and Extramural Entry into IFMS Financial Budget Source: Removal
 Anomaly Indicator: Original Action Take Over

Name: ADMIN ORDER ON CONSENT
 Lead: Federal Enforcement
 Qualifier:
 Category:
 IFMS Entry: Both Intramural and Extramural Entry into IFMS
 Anomaly Indicator:

Actual Start Date:
 Actual Completion Date: 19980916
 Operable Unit ID: 00
 Planning Status:
 Financial Budget Source: Enforcement

Name: PRP REMOVAL
 Lead: Responsible Party
 Qualifier: Cleaned up
 Category: Time Critical
 IFMS Entry: Both Intramural and Extramural Entry into IFMS
 Anomaly Indicator: New Action Resulting from Take Over

Actual Start Date: 19980429
 Actual Completion Date: 19990209
 Operable Unit ID: 00
 Planning Status: Primary
 Financial Budget Source: Removal

FINANCIAL INFORMATION

Action Name: REMOVAL
 Financial Type: Commitment
 Budget Source: Removal
 IFMS Entry: Both Intramural and Extramural Entry into IFMS

Financial ID: 0001
 Date: 19980407
 Amount: \$40000
 Planned/Actual: ACTUAL

Action Name: REMOVAL
 Financial Type: Actual Obligation
 Budget Source: Removal
 IFMS Entry: Both Intramural and Extramural Entry into IFMS

Financial ID: 0001
 Date: 19980416
 Amount: \$40000
 Planned/Actual: ACTUAL

Action Name: REMOVAL
 Financial Type: Decommitment
 Budget Source: Removal
 IFMS Entry: Both Intramural and Extramural Entry into IFMS

Financial ID: 0001
 Date: 19980416
 Amount: \$40000
 Planned/Actual: ACTUAL

Action Name: PRP REMOVAL
 Financial Type: Actual Obligation
 Budget Source: Removal
 IFMS Entry: Both Intramural and Extramural Entry into IFMS

Financial ID: 0001
 Date: 19990205
 Amount: \$61
 Planned/Actual: ACTUAL

Action Name: PRP REMOVAL
 Financial Type: Deobligation
 Budget Source: Removal
 IFMS Entry: Both Intramural and Extramural Entry into IFMS

Financial ID: 0001
 Date: 19990205
 Amount: \$61
 Planned/Actual: ACTUAL

Action Name: REMOVAL
 Financial Type: Deobligation
 Budget Source: Removal
 IFMS Entry: Both Intramural and Extramural Entry into IFMS

Financial ID: 0001
 Date: 19990408
 Amount: \$14123
 Planned/Actual: ACTUAL

Action Name: PRP REMOVAL
Financial Type: Actual Obligation
Budget Source: Removal
IFMS Entry: Both Intramural and Extramural Entry into IFMS

Financial ID: 0002
Date: 19990512
Amount: \$641
Planned/Actual: ACTUAL

Action Name: PRP REMOVAL
Financial Type: Deobligation
Budget Source: Removal
IFMS Entry: Both Intramural and Extramural Entry into IFMS

Financial ID: 0002
Date: 19990512
Amount: \$641
Planned/Actual: ACTUAL

Action Name: PRP REMOVAL
Financial Type: Actual Obligation
Budget Source: Removal
IFMS Entry: Both Intramural and Extramural Entry into IFMS

Financial ID: 0003
Date: 19990526
Amount: \$46
Planned/Actual: ACTUAL

Action Name: PRP REMOVAL
Financial Type: Deobligation
Budget Source: Removal
IFMS Entry: Both Intramural and Extramural Entry into IFMS

Financial ID: 0003
Date: 19990526
Amount: \$46
Planned/Actual: ACTUAL

Action Name: REMOVAL
Financial Type: Deobligation
Budget Source: Removal
IFMS Entry: Both Intramural and Extramural Entry into IFMS

Financial ID: 0002
Date: 20010424
Amount: \$25700
Planned/Actual: ACTUAL

Map Identification Number 3 FLUSHING RIVER COKING STATION
32ND AVE (NR FLUSHING RIVER)

QUEENS, NY 11361 EPA Facility Id: NYD980532345

MAP LOCATION INFORMATION
Site location mapped by: MAP COORDINATE (1)
Approximate distance from property: 2547 feet to the NNW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: 11354

SITE DESIGNATION: NPL - CERCLIS - X NYSDEC REGISTRY - NYSDEC REGISTRY QUALIFYING -

USEPA COMPREHENSIVE ENVIRONMENTAL RESPONSE
COMPENSATION AND LIABILITY INFORMATION SYSTEM (CERCLIS)

SITE INFORMATION

EPA-ID: NYD980532345
Site Name: FLUSHING RIVER COKING STATION

Site-ID: 0202007

Site Street: 32ND AVE (NR FLUSHING RIVER)
 Site City/State/Zip: QUEENS, NY 11361

NFRAP (No Further Remedial Activity Planned) Status: NO FURTHER REMEDIAL ACTION PLANNED

| | |
|---|--------------------------------------|
| Owner Indicator: Other | NPL Status Indicator: Not on the NPL |
| Incident Type: | USGS Hydrological Unit: 02030201 |
| Incident Category: | RCRA Flag: |
| Non-NPL Status: NFRAP | |
| Federal Facility Flag: Not a Federal Facility | |

OPERABLE UNIT INFORMATION

Operable Unit ID: 00 Operable Unit Name: SITEWIDE

ACTION INFORMATION

| | |
|--------------------------------|----------------------------------|
| Name: DISCOVERY | Actual Start Date: |
| Lead: EPA Fund-Financed | Actual Completion Date: 19810601 |
| Qualifier: | Operable Unit ID: 00 |
| Category: | Planning Status: |
| IFMS Entry: No Entry into IFMS | Financial Budget Source: |
| Anomaly Indicator: | |

| | |
|--|-----------------------------------|
| Name: PRELIMINARY ASSESSMENT | Actual Start Date: |
| Lead: EPA Fund-Financed | Actual Completion Date: 19871230 |
| Qualifier: NFRAP (No Further Remedial Action Planned) | Operable Unit ID: 00 |
| Category: | Planning Status: |
| IFMS Entry: Both Intramural and Extramural Entry into IFMS | Financial Budget Source: Remedial |
| Anomaly Indicator: | |

| | |
|--------------------------------|----------------------------------|
| Name: ARCHIVE SITE | Actual Start Date: |
| Lead: EPA In-House | Actual Completion Date: 19871230 |
| Qualifier: | Operable Unit ID: 00 |
| Category: | Planning Status: |
| IFMS Entry: No Entry into IFMS | Financial Budget Source: |
| Anomaly Indicator: | |

FINANCIAL INFORMATION

No financial information was provided

Map Identification Number 4 COLLEGE POINT OIL LAGOON
123RD STREET AND 31ST AVENUE

COLLEGE POINT, NY 11354

Facility Id: 241001

EPA Facility Name: PCB POOL /COLLEGE POINT
31ST AVE & 122ND ST

COLLEGE PT, NY 11356

EPA Facility Id: NYD980534986

MAP LOCATION INFORMATION

Site location mapped by: MAP COORDINATE (2)
Approximate distance from property: 5119 feet to the WNW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
Revised zip code: NO CHANGE

SITE DESIGNATION: NPL - CERCLIS - X NYSDEC REGISTRY - X NYSDEC REGISTRY QUALIFYING -

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS WASTE REMEDIATION
INACTIVE HAZARDOUS WASTE DISPOSAL SITE INFORMATION

CLASSIFICATION CODE: 4
CLASSIFICATION CODE DESCRIPTION:
Site is properly closed - requires continued management.

REGION: 2

SITE CODE: 241001
EPA ID: NYD980534986

NAME OF SITE: College Point Oil Lagoon
STREET ADDRESS: 123rd Street and 31st Avenue
TOWN/CITY: College Point ZIP: 11354

COUNTY: Queens

SITE TYPE: Dump- Structure- Lagoon-X Landfill- Treatment Pond- ESTIMATED SIZE: 0.5 Acre

SITE OWNER/OPERATOR INFORMATION:

CURRENT OWNER(S):
NAME.....: NYC Department of Real Property
ADDRESS..: 2 Lafayette Street, New York, NY 10007
NAME.....: UNKNOWN
ADDRESS..: DEPT. OF REAL PROPERTY,
OWNER DURING DISPOSAL:
NAME.....:
OPERATOR(S) DURING DISPOSAL:
NAME.....: unknown
ADDRESS..:

HAZARDOUS WASTE DISPOSAL PERIOD: from 1972 to 1983

SITE DESCRIPTION:

This site, which is owned by the City of New York (NYC), is approximately one half acre in area. It consisted of a 350,000 gallon lagoon containing oil contaminated with PCBs. The lagoon depth varied to a maximum of 6 feet and had approximately 15 inches of oil floating on the surface. The site is bordered by Flushing Bay. The City of New York initiated site remediation in 1981. Wastes have been removed, the lagoon has been cleaned, and two buildings and

a parking area have been constructed over the site. Confirmatory soil samples were collected by NYSDEC in 1989. The analytical sampling data revealed that no hazardous wastes remain at the site.

CONFIRMED HAZARDOUS WASTE DISPOSED:

| TYPE | QUANTITY |
|------------------------------------|----------|
| PCB-CONTAMINATED OIL WASTEWATER | UNKNOWN |
| PCB-CONTAMINATED SOIL AND SLUDGE | |

ASSESSMENT OF ENVIRONMENTAL PROBLEMS:

The known wastes at this site have been removed and the lagoon has been cleaned. Samples collected in 1980 confirm that no hazardous wastes remain at the site.

ASSESSMENT OF HEALTH PROBLEMS:

The potential for human exposures at the site is limited to direct contact with PCBs and petroleum hydrocarbons that may have remained after the lagoon was cleaned. However, due to the construction of buildings and a parking area over the former lagoon area, the current potential for exposures is minimal. Groundwater in the area is not used as a source of drinking water.

The New York State Department of Environmental Conservation has not publicly updated the following fields since 2003:

| | | | | | |
|-----------------------------------|--------------|-----------------|----------------|--------|-----------|
| ANALYTICAL DATA AVAILABLE FOR: | Air-X | Surface Water-X | Groundwater- | Soil-X | Sediment- |
| APPLICABLE STANDARDS EXCEEDED IN: | Groundwater- | Drinking Water- | Surface Water- | Air- | |

GEOTECHNICAL INFORMATION:

SOIL/ROCK TYPE:
GROUNDWATER DEPTH:

| | | | |
|-------------------|--------------------------------|---------------|-------------|
| LEGAL ACTION: | Type: | State- | Federal- |
| STATUS: | Negotiation in Progress- | Order Signed- | |
| REMEDIAL ACTION: | Proposed- Under Design- | In Progress- | Completed-X |
| NATURE OF ACTION: | Excavation and lagoon closure. | | |

USEPA COMPREHENSIVE ENVIRONMENTAL RESPONSE
COMPENSATION AND LIABILITY INFORMATION SYSTEM (CERCLIS)

SITE INFORMATION

EPA-ID: NYD980534986
Site Name: PCB POOL /COLLEGE POINT
Site Street: 31ST AVE & 122ND ST
Site City/State/Zip: COLLEGE PT, NY 11356

Site-ID: 0202075

NFRAP (No Further Remedial Activity Planned) Status: NO FURTHER REMEDIAL ACTION PLANNED

| | | | |
|------------------------|------------------------|-------------------------|----------------|
| Owner Indicator: | Other | NPL Status Indicator: | Not on the NPL |
| Incident Type: | | USGS Hydrological Unit: | 02030201 |
| Incident Category: | | RCRA Flag: | |
| Non-NPL Status: | NFRAP | | |
| Federal Facility Flag: | Not a Federal Facility | | |

SITE DESCRIPTION:

THIS SITE CONSISTED OF A 350,000 GALS. OIL LAGOON CONTAMINATED WITH PCBS. THE DEC IS ALREADY CONDUCTING A RI AT THE FACILITY UNDER THE STATE'S AUTHORITY.

OPERABLE UNIT INFORMATION

Operable Unit ID: 00 Operable Unit Name: SITEWIDE

ACTION INFORMATION

| | | | |
|--------------------|--------------------|--------------------------|----------|
| Name: | DISCOVERY | Actual Start Date: | |
| Lead: | EPA Fund-Financed | Actual Completion Date: | 19770701 |
| Qualifier: | | Operable Unit ID: | 00 |
| Category: | | Planning Status: | |
| IFMS Entry: | No Entry into IFMS | Financial Budget Source: | |
| Anomaly Indicator: | | | |

| | | | |
|--------------------|--|--------------------------|----------|
| Name: | PRELIMINARY ASSESSMENT | Actual Start Date: | |
| Lead: | EPA Fund-Financed | Actual Completion Date: | 19791101 |
| Qualifier: | Low | Operable Unit ID: | 00 |
| Category: | | Planning Status: | |
| IFMS Entry: | Both Intramural and Extramural Entry into IFMS | Financial Budget Source: | Remedial |
| Anomaly Indicator: | | | |

| | | | |
|--------------------|--|--------------------------|----------|
| Name: | SITE INSPECTION | Actual Start Date: | |
| Lead: | State, Fund Financed | Actual Completion Date: | 19810101 |
| Qualifier: | NFRAP (No Futher Remedial Action Planned) | Operable Unit ID: | 00 |
| Category: | | Planning Status: | |
| IFMS Entry: | Both Intramural and Extramural Entry into IFMS | Financial Budget Source: | Remedial |
| Anomaly Indicator: | | | |

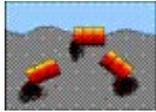
| | | | |
|--------------------|--------------------|--------------------------|----------|
| Name: | ARCHIVE SITE | Actual Start Date: | |
| Lead: | EPA In-House | Actual Completion Date: | 19930720 |
| Qualifier: | | Operable Unit ID: | 00 |
| Category: | | Planning Status: | |
| IFMS Entry: | No Entry into IFMS | Financial Budget Source: | |
| Anomaly Indicator: | | | |

FINANCIAL INFORMATION

No financial information was provided

Toxicity Information Summary

| CHEMICAL NAME | CAS-NO | ACUTE TOX | TUMOR TOX | MUTAG TOX | REPRO TOX | IRRIT TOX | MCL |
|---|---------|-----------|-----------|-----------|-----------|-----------|--------|
| PCBs waste, articles, oils, or transformers | 1336363 | X | X | | X | | 5 ug/L |



*** HAZARDOUS SUBSTANCE WASTE DISPOSAL SITES IDENTIFIED WITHIN 1 MILE SEARCH RADIUS ***

PLEASE NOTE: * Compass directions can vary substantially for sites located very close to the subject property address.

Map Identification Number 5 CONED, FLUSHING RIVER COKING Site Number Id: HS2022 Registry ID U
32ND AVENUE NEW YORK, NY 11361

MAP LOCATION INFORMATION

Site location mapped by: MAP COORDINATE (1)
Approximate distance from property: 2547 feet to the NNW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
Revised zip code: NO CHANGE

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Division of Hazardous Waste Remediation
Hazardous Substance Waste Disposal Site Study

Inventory Status: Currently Listed in the Hazardous Substance Inventory

SITE INFORMATION

Site Name: CONED, FLUSHING RIVER COKING
Site Street: 32ND AVENUE
Site City: NEW YORK
Site Zip: 11361
Region: 2

Site Number: HS2022
Registry: No
Registry Site ID: Unknown
RCRA: Unknown
EPA ID: NYD980532345

US EPA No Further Remedial Action Planned? True

Site Code: 2A
Description: COAL GASIFICATION PLANT

Acres: 0.00
Completed Investigation? PA
Is Site Active: No
Years of Operation: Unknown to 1944

Quadrangle: FLUSHING
HRS Score: Unknown
HRS Date: Unknown

Site Description:

The site is a two-block parcel of land. Surrounding the site is a mixed commercial and residential area. The site was once occupied by a coking station. At present, the area is used for parking Con Edison trucks.

Owner: Private
Owner Name: CON EDISON
Owner Street: 4 IRVING PLACE

Operator: SAME
Operator Name: Unknown
Operator Street: Unknown

Owner City/ZIP/State: NEW YORK
Owner Telephone: (212)460-4600

Operator City/ZIP/State:
Operator Telephone: Unknown

SITE IMPACT DATA

Affected Media:

| | | | |
|----------------------|---------|---|---------|
| Contamination of... | | Hazardous Substance Exposed? | Unknown |
| ...Surface Water? | Unknown | Controlled Site Access? | No |
| ...Groundwater? | Unknown | Ambient Air Contamination? | Unknown |
| ...Drinking Water? | No | Threat of Direct Contact? | Yes |
| Surface Water Class: | Unknown | Documented Fish or Wildlife Mortality? | Unknown |
| Groundwater Class: | Unknown | Impact on Special Status Fish or Wildlife Resource? | Unknown |
| | | Active Drinking Water Supply? | Unknown |

Descriptions:

| | |
|---|---------------|
| Surface Water: | None provided |
| Groundwater: | None provided |
| Drinking Water: | None provided |
| Fish or Wildlife Mortality: | None provided |
| Special Status Fish or Wildlife Resource: | None provided |
| Building: | None provided |

THREAT TO THE ENVIRONMENT OR PUBLIC HEALTH

Threat to the Environment or the Public Health: Environment/Public Health

Threat Posed by Disposed Hazardous Substance:

If said hazardous materials were disposed of on-site and the site is developed, those materials may be released to the environment. There would be potential for direct contact. Further action is recommended if and only if the property is developed.

HAZARDOUS SUBSTANCES DISPOSED:

VOCs: Yes Semi-VOCs: Yes PCBs: No Pesticides: No Metals: No Asbestos: No

Hazardous Substances Disposed:

ammonia still lime sludge, decanter tank tar sludge, benzene, toluene, xylenes, phenol, cresols, xylenols, pyridine, methyl-naphthalenes, dimethyl-naphthalenes, acenaphthene, carbazole, fluorathene

SELECTED ANALYTICAL INFORMATION:

Samples Collected:

None

| | |
|------------------|---------------|
| Air: | None provided |
| Surface Water: | None provided |
| Surface Soil: | None provided |
| Waste: | None provided |
| EPToxicity: | None provided |
| Groundwater: | None provided |
| Sediment: | None provided |
| Subsurface Soil: | None provided |
| Leachate: | None provided |
| TCLP: | None provided |

AGENCY INFORMATION:

Regulatory Agencies Involved:
USEPA NYSDEC

Preparer:
Julia Slack Engineering Aide NYSDEC May 24, 1994



*** BROWNFIELDS SITES IDENTIFIED WITHIN 1 MILE SEARCH RADIUS ***

PLEASE NOTE: * Compass directions can vary substantially for sites located very close to the subject property address.

Map Identification Number 6 FORMER AFMC TERMINAL FLUSHING, NY 11354 Facility Id: V00303
37-02 COLLEGE POINT BOULEVARD

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (1)
Approximate distance from property: 1679 feet to the WSW

ADDRESS CHANGE INFORMATION

Revised street: 3702 COLLEGE POINT BLVD
Revised zip code: NO CHANGE

Brownfield Program: Voluntary Cleanup Program

Map Identification Number 7 FLUSHING INDUSTRIAL PARK - EASTERN FLUSHING, NY 11354- Facility Id: C241051
NW CORNER OF COLLEGE PT AVE & 40TH ROAD

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (4)
Approximate distance from property: 1933 feet to the SW

ADDRESS CHANGE INFORMATION

Revised street: COLLEGE POINT BLVD / 40TH RD
Revised zip code: 11354

Brownfield Program: Brownfield Cleanup Program

Map Identification Number 8 FLUSHING INDUSTRIAL PARK FLUSHING, NY 11354 Facility Id: V00374
NW CORNER OF COLLEGE PT AVE

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 2226 feet to the SW
This facility has been deleted from the reported data. Data reflects last reported information.

ADDRESS CHANGE INFORMATION

Revised street: COLLEGE POINT AVE
Revised zip code: NO CHANGE

Brownfield Program: Voluntary Cleanup Program

Volunteer: C.E. Flushing, LLC

Map Identification Number 9 **FLUSHING INDUSTRIAL PARK-FLUSHING RIVER** **Facility Id: C241080**
NW CORNER OF COLLEGE PT AVE & 40TH ROAD FLUSHING, NY 11354

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 2704 feet to the SW

ADDRESS CHANGE INFORMATION
Revised street: COLLEGE POINT BLVD / 40TH RD
Revised zip code: NO CHANGE

Brownfield Program: Brownfield Cleanup Program

Map Identification Number 10 **FLUSHING INDUSTRIAL PARK - WESTERN** **Facility Id: C241078**
NW CORNER OF COLLEGE PT AVE & 40TH ROAD FLUSHING, NY 11354

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (4)
Approximate distance from property: 2704 feet to the SW

ADDRESS CHANGE INFORMATION
Revised street: COLLEGE POINT BLVD / 40TH RD
Revised zip code: NO CHANGE

Brownfield Program: Brownfield Cleanup Program

Map Identification Number 11 **FLUSHING INDUSTRIAL PARK - WESTERN WATERFRONT** **Facility Id: C241079**
NW CORNER OF COLLEGE PT AVE & 40TH ROAD FLUSHING, NY 11354

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (4)
Approximate distance from property: 2704 feet to the SW

ADDRESS CHANGE INFORMATION
Revised street: COLLEGE POINT BLVD / 40TH RD
Revised zip code: NO CHANGE

Brownfield Program: Brownfield Cleanup Program



*** SOLID WASTE FACILITIES IDENTIFIED WITHIN THE 1 MILE SEARCH RADIUS ***

PLEASE NOTE: * Compass directions can vary substantially for sites located very close to the subject property address.

Map Identification Number 12 BEECHHURST SHORES Facility Id: 41D07
 139-81 35 AVENUE FLUSHING

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 1137 feet to the N

ADDRESS CHANGE INFORMATION

Revised street: 13981 35TH AV
 Revised zip code: NO CHANGE

| PERMIT NUMBER | PERMIT EXPIRES | FACILITY TYPE | FACILITY STATUS | WASTE TYPES |
|---------------|----------------|---|-----------------|-------------|
| | | CONSTRUCTION AND DEMOLITION DEBRIS LANDFILL | None | Demolition |

Map Identification Number 13 CON EDISON COMPANY OF NY Facility Id: 41T52
 NO ADDRESS INFORMATION PROVIDED

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 1800 feet to the SW

ADDRESS CHANGE INFORMATION

Revised street: 4022 COLLEGE POINT BLVD
 Revised zip code: 11354

This facility has been deleted from the reported data. Data reflects last reported information.

| PERMIT NUMBER | PERMIT EXPIRES | FACILITY TYPE | FACILITY STATUS | WASTE TYPES |
|------------------|----------------|---------------------------------------|-----------------|-------------|
| 2630200008000010 | | LARGE TRANSFER STATION (>50000 CY/YR) | | Yard Waste |

Map Identification Number 14 CON EDISON FARRINGTON Facility Id: 41T18
 NO ADDRESS INFORMATION PROVIDED

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 2244 feet to the NNW

ADDRESS CHANGE INFORMATION

Revised street: FARRINGTON ST/32ND AVE
 Revised zip code: 11354

This facility has been deleted from the reported data. Data reflects last reported information.

| | | | | |
|---------------|----------------|---------------------------------------|-----------------|-------------|
| PERMIT NUMBER | PERMIT EXPIRES | FACILITY TYPE | FACILITY STATUS | WASTE TYPES |
| | | LARGE TRANSFER STATION (>50000 CY/YR) | | Demolition |

Map Identification Number 15 **UNKNOWN**
 32ND AVE. & HIGGINS AVE.

QUEENS

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 2555 feet to the NW

ADDRESS CHANGE INFORMATION

Revised street: 32ND AVE / HIGGINS ST
 Revised zip code: 11354

1934 New York City municipal waste disposal site --- Cubic yards dumped in 1934: 94636

Map Identification Number 16 **GRACE ASPHALT CORP**
 30-01 HARPER STREET

Facility Id: 41W36

WHITESTONE

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 2650 feet to the WNW

ADDRESS CHANGE INFORMATION

Revised street: 3001 HARPER ST
 Revised zip code: UNKNOWN

| | | | | |
|---------------|----------------|-------------------------|-----------------|------------------|
| PERMIT NUMBER | PERMIT EXPIRES | FACILITY TYPE | FACILITY STATUS | WASTE TYPES |
| | | C&D PROCESSING FACILITY | Registered | ASPHALT PAVEMENT |

Map Identification Number 17 **EVERGREEN RECYCLING OF CO**
 127-50 NORTHERN BLVD

Facility Id: 41W93

FLUSHING

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 3466 feet to the W

ADDRESS CHANGE INFORMATION

Revised street: 12750 NORTHERN BLVD
 Revised zip code: NO CHANGE

| | | | | |
|---------------|----------------|-------------------------|-----------------|--------------------------------------|
| PERMIT NUMBER | PERMIT EXPIRES | FACILITY TYPE | FACILITY STATUS | WASTE TYPES |
| | | C&D PROCESSING FACILITY | Registered | Concrete, Asphalt, Brick, Soil, Rock |

Map Identification Number 18 **TULLY ENVIRONMENTAL, INC.**
NO ADDRESS INFORMATION PROVIDED

Facility Id: 41T95

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 3516 feet to the W

ADDRESS CHANGE INFORMATION
Revised street: 12720 34TH AVE
Revised zip code: 11368

| PERMIT NUMBER | PERMIT EXPIRES | FACILITY TYPE | FACILITY STATUS | WASTE TYPES |
|---------------|----------------|---------------------------------------|-----------------|-------------|
| | | LARGE TRANSFER STATION (>50000 CY/YR) | None | UNKNOWN |

Map Identification Number 19 **CROWN CONTAINER CO.**
126-46 34TH AVE

Facility Id: 41T50

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 4003 feet to the W

FLUSHING
ADDRESS CHANGE INFORMATION
Revised street: 12646 34TH AVE
Revised zip code: NO CHANGE

| PERMIT NUMBER | PERMIT EXPIRES | FACILITY TYPE | FACILITY STATUS | WASTE TYPES |
|------------------|----------------|---------------------------------------|-----------------|-------------------------|
| 2630200006000010 | 11/14/2000 | LARGE TRANSFER STATION (>50000 CY/YR) | None | Demolition, Putrescible |

Map Identification Number 20 **COLLEGE PT INDUS PK**
NO ADDRESS INFORMATION PROVIDED

Facility Id: 41D18

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (6)
Approximate distance from property: 4500 feet to the NW

ADDRESS CHANGE INFORMATION
Revised street: COLLEGE POINT INDUSTRIAL PARK
Revised zip code: UNKNOWN

This facility has been deleted from the reported data. Data reflects last reported information.

| PERMIT NUMBER | PERMIT EXPIRES | FACILITY TYPE | FACILITY STATUS | WASTE TYPES |
|---------------|----------------|---|-----------------|-------------|
| | | CONSTRUCTION AND DEMOLITION DEBRIS LANDFILL | | ' X' |

Map Identification Number 21 **DURANTE BROS. CONSTRUCTIO**
 31-40 123RD STREET

Facility Id: 41W22

NEW YORK

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING

Approximate distance from property: 5059 feet to the WNW

ADDRESS CHANGE INFORMATION

Revised street: 3140 123RD ST

Revised zip code: 11354

| | | |
|------------------|-------------------|-------------------------|
| PERMIT NUMBER | PERMIT EXPIRES | FACILITY TYPE |
| | | C&D PROCESSING FACILITY |

| | |
|-----------------|--------------------------------------|
| FACILITY STATUS | WASTE TYPES |
| Registered | UNCONTAMINATED BROKEN CONCRETE/ SOIL |

Map Identification Number 22 **BEECHWHITE REALTY DEMO SL**
 31-40 123RD ST

Facility Id: 41D06

COLLEGE POINT

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING

Approximate distance from property: 5059 feet to the WNW

ADDRESS CHANGE INFORMATION

Revised street: 3140 123RD ST

Revised zip code: 11354

| | | |
|------------------|-------------------|---|
| PERMIT NUMBER | PERMIT EXPIRES | FACILITY TYPE |
| | | CONSTRUCTION AND DEMOLITION DEBRIS LANDFILL |

| | |
|-----------------|-------------|
| FACILITY STATUS | WASTE TYPES |
| None | Demolition |



*** OIL STORAGE FACILITIES LARGER THAN 400,000 GALLONS IDENTIFIED WITHIN 1 MILE SEARCH RADIUS ***

PLEASE NOTE: * Compass directions can vary substantially for sites located very close to the subject property address.

Map Identification Number 23 FLUSHING TERMINAL Facility Id 2-1900
 37-02 COLLEGE POINT BOULEVARD FLUSHING, NY 11354

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (1)
 Approximate distance from property: 1657 feet to the WSW

ADDRESS CHANGE INFORMATION

Revised street: 3702 COLLEGE POINT BLVD
 Revised zip code: NO CHANGE

| TANK NUMBER | TANK STATUS | PETROLEUM PRODUCT | CAPACITY GALLONS | TANK LOCATION | INSTALL DATE |
|-------------|----------------|--------------------|------------------|---------------|--------------|
| A | CLOSED-REMOVED | #5 OR 6 FUEL OIL | 5000 | UNDERGROUND | 12/45 |
| C | CLOSED-REMOVED | EMPTY | 500 | UNDERGROUND | 12/45 |
| D | CLOSED-REMOVED | EMPTY | 275 | UNDERGROUND | 12/73 |
| 1A | CLOSED-REMOVED | #1 2 OR 4 FUEL OIL | 525000 | UNDERGROUND | 12/46 |
| 1U | CLOSED-REMOVED | #1 2 OR 4 FUEL OIL | 500000 | UNDERGROUND | 12/45 |
| 2A | CLOSED-REMOVED | #1 2 OR 4 FUEL OIL | 212000 | UNDERGROUND | 12/46 |
| 2U | CLOSED-REMOVED | #5 OR 6 FUEL OIL | 400000 | UNDERGROUND | 12/45 |
| 3A | CLOSED-REMOVED | #1 2 OR 4 FUEL OIL | 212000 | UNDERGROUND | 12/46 |
| 3U | CLOSED-REMOVED | KEROSENE | 50000 | UNDERGROUND | 12/45 |
| 4A | CLOSED-REMOVED | KEROSENE | 105000 | UNDERGROUND | 12/46 |
| 4U | CLOSED-REMOVED | #1 2 OR 4 FUEL OIL | 75000 | UNDERGROUND | 12/45 |
| 5A | CLOSED-REMOVED | #1 2 OR 4 FUEL OIL | 105000 | UNDERGROUND | 12/46 |
| 5U | CLOSED-REMOVED | #1 2 OR 4 FUEL OIL | 75000 | UNDERGROUND | 12/45 |
| 6A | CLOSED-REMOVED | #1 2 OR 4 FUEL OIL | 212000 | UNDERGROUND | 12/46 |
| 6U | CLOSED-REMOVED | #5 OR 6 FUEL OIL | 150000 | UNDERGROUND | 12/45 |
| 7A | CLOSED-REMOVED | #1 2 OR 4 FUEL OIL | 212000 | UNDERGROUND | 12/46 |
| 7U | CLOSED-REMOVED | #5 OR 6 FUEL OIL | 150000 | UNDERGROUND | 12/45 |

Toxicity Information Summary

| CHEMICAL NAME | CAS-NO | ACUTE TOX | TUMOR TOX | MUTAG TOX | REPRO TOX | IRRIT TOX | MCL |
|---------------|---------|-----------|-----------|-----------|-----------|-----------|-----|
| KEROSENE | 8008206 | X | X | X | | X | |

Map Identification Number 24 **LEFFERTS OIL TERMINAL, INC.**
 31-70 COLLEGE POINT BOULEVARD

FLUSHING, NY 11354

Facility Id 2-2260

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING

Approximate distance from property: 3715 feet to the NW

ADDRESS CHANGE INFORMATION

Revised street: 3170 COLLEGE POINT BOULEVARD

Revised zip code: NO CHANGE

| TANK NUMBER | TANK STATUS | PETROLEUM PRODUCT | CAPACITY GALLONS | TANK LOCATION | INSTALL DATE |
|-------------|----------------|--------------------|------------------|---------------|--------------|
| A-2 | IN SERVICE | #1 2 OR 4 FUEL OIL | 179550 | UNDERGROUND | 12/51 |
| B-4 | IN SERVICE | DIESEL | 527226 | UNDERGROUND | 12/51 |
| C-2 | IN SERVICE | #5 OR 6 FUEL OIL | 1265544 | UNDERGROUND | 12/51 |
| D-6 | IN SERVICE | #1 2 OR 4 FUEL OIL | 896700 | UNDERGROUND | 12/51 |
| E-1 | CLOSED-REMOVED | UNLEADED GASOLINE | 550 | UNDERGROUND | 12/51 |
| E-2 | CLOSED-REMOVED | UNLEADED GASOLINE | 550 | UNDERGROUND | 12/51 |
| F-1 | CLOSED-REMOVED | OTHER | 550 | UNDERGROUND | 12/51 |
| F-2 | CLOSED-REMOVED | #1 2 OR 4 FUEL OIL | 550 | UNDERGROUND | 12/51 |
| F-3 | CLOSED-REMOVED | #1 2 OR 4 FUEL OIL | 550 | UNDERGROUND | 12/51 |
| F-4 | CLOSED-REMOVED | #1 2 OR 4 FUEL OIL | 550 | UNDERGROUND | 12/51 |
| F-5 | CLOSED-REMOVED | #1 2 OR 4 FUEL OIL | 550 | UNDERGROUND | 12/51 |
| F-6 | CLOSED-REMOVED | #1 2 OR 4 FUEL OIL | 550 | UNDERGROUND | 12/51 |
| G-1 | CLOSED-REMOVED | EMPTY | 1080 | UNDERGROUND | 12/51 |

Toxicity Information Summary

| CHEMICAL NAME | CAS-NO | ACUTE TOX | TUMOR TOX | MUTAG TOX | REPRO TOX | IRRIT TOX | MCL |
|-------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----|
| DIESEL | 68334305 | X | X | | | X | |
| UNLEADED GASOLINE | 113373000 | X | X | | | X | |



*** HAZARDOUS WASTE TREATMENT/STORAGE/DISPOSERS IDENTIFIED WITHIN THE 1 MILE SEARCH RADIUS ***

PLEASE NOTE: * Compass directions can vary substantially for sites located very close to the subject property address.

Map Identification Number 25 **CONSOLIDATED EDISON** **Facility Id: NYD987010964**
 FARRINGTON ST & 32ND AVE QUEENS, NY 11354
 EPA (RCRA) Name: CON EDISION - FARRINGTON ST FLUSH FACILI
 EPA (RCRA) Address: 31-06 FARRINGTON STREET QUEENS, NY 10003

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 2802 feet to the NNW

ADDRESS CHANGE INFORMATION
 Revised street: 3106 FARRINGTON ST
 Revised zip code: NO CHANGE

US EPA RCRA Type: LARGE QUANTITY GENERATOR Notification date: 08/04/1992 Part A notification date: 08/04/1992
 Land Disposal: Receives offsite waste: Incinerator:
 Storer: Treatment facility: Transporter:

US EPA RCRA Violations:
 Violation Area: GENERATOR-ALL REQUIREMENTS (OVERSIGHT) Responsible Agency: STATE
 Violation Number: 0001 Location: NY Violation Determination Date: 03/31/2000
 Regulation: Violation Return to Compliance: 01/10/2001

NYS DEC Manifested Waste Summary:
 Waste Codes, Waste Units, and Transaction Types are only shown for the most recent reported data.

| WASTE CODE | WASTE DESCRIPTION | WASTE AMOUNT | WASTE UNITS | TRANSACTION TYPE | YEAR |
|------------|--|--------------|-------------|---------------------|------|
| D008 | Lead | 775955 | POUNDS | TREAT STOR DISPOSED | 2003 |
| D007 | Chromium | 500 | POUNDS | TREAT STOR DISPOSED | 2001 |
| D003 | Solid waste that exhibits the characteristic of reactivity | 175 | POUNDS | TREAT STOR DISPOSED | 2000 |
| D009 | Mercury | 1000 | POUNDS | TREAT STOR DISPOSED | 2000 |
| F002 | Spent halogenated solvents | 195 | POUNDS | TREAT STOR DISPOSED | 1999 |
| F008 | Plating bath residues from the bottom of plating baths | 5000 | POUNDS | TREAT STOR DISPOSED | 1997 |

NOTE: 2004 waste amounts are for 1/1/04 to 6/14/04 only

Toxicity Information Summary

| CHEMICAL NAME | CAS-NO | ACUTE TOX | TUMOR TOX | MUTAG TOX | REPRO TOX | IRRIT TOX | MCL |
|---------------|---------|-----------|-----------|-----------|-----------|-----------|-----------|
| Lead | 7439921 | X | X | X | X | | 0.05mg/L* |
| Chromium | 7440473 | X | X | | | | 50ug/L* |
| Mercury | 7439976 | X | X | X | X | | .002mg/L* |



**** NO RCRA CORRECTIVE ACTION SITES IDENTIFIED WITHIN 1 MILE SEARCH RADIUS ****



HAZARDOUS MATERIAL SPILLS INTRODUCTION

The Hazardous Material Spills in this section are divided into eight spill cause groupings. These include:

Active Spills Section: Spills with incomplete paperwork that may or may not be cleaned up (See Date Cleanup Ceased)

- 1) Tank Failures
- 2) Tank Test Failures
- 3) Unknown Spill Cause or Other Spill Cause Hazardous Spills
- 4) Miscellaneous Spill Causes: Equipment Failure, Human Error, Tank Overfill, Deliberate Spill, Traffic Accidents, Housekeeping, Abandoned Drum, and Vandalism.

Closed Status Spills Section: Spills with completed paperwork that may or may not be cleaned up (See Date Cleanup Ceased)

- 5) Tank Failures
- 6) Tank Test Failures
- 7) Unknown Spill Cause or Other Spill Cause Hazardous Spills
- 8) Miscellaneous Spill Causes: Equipment Failure, Human Error, Tank Overfill, Deliberate Spill, Traffic Accidents, Housekeeping, Abandoned Drum, and Vandalism.

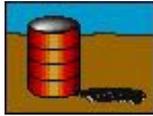
All spills within each spill cause category are presented in order of proximity to the subject site address.

Please note that spills reported within 0.25 mile (or one-eighth mile in Manhattan) are mapped and profiled.

Between 0.25 mile (or one-eighth mile in Manhattan) and 0.5 mile, only the following spills are mapped and profiled:

- * Tank Failures;
- * Tank Test Failures;
- * Unknown Spill Cause or Other Spill Cause;
- * Spills greater than 100 units of quantity; and
- * Spills reported in the NYSDEC Fall 1998 MTBE Survey.

A table at the end of each section presents a listing of reported Miscellaneous Spills with less than 100 units located between 0.25 mile (or one-eighth mile in Manhattan) and 0.5 mile. These spills are neither mapped nor profiled.



ACTIVE TANK FAILURES IDENTIFIED WITHIN 1/2 MILE SEARCH RADIUS

Please Note: * - Compass directions can vary substantially for sites located very close to the subject property address.

Map Identification Number 26 **136-68 ROOSEVELT AVE.**
 136-68 ROOSEVELT AVE.

Spill Number: 9312387 **Close Date:**
 FLUSHING, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 273 feet to the SSE

ADDRESS CHANGE INFORMATION
 Revised street: 13668 ROOSEVELT AVE.
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL
 Notifier Type: Other
 Caller Name: GEORGE PASTOR
 DEC Investigator: SIGONA

Spiller: SAME
 Notifier Name:
 Caller Agency: PETRO
 Contact for more spill info:

Spiller Phone:
 Notifier Phone:
 Caller Phone: (718) 545-4500
 Contact Person Phone:

Spill Class: KNOWN RELEASE THAT CREATES POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 01/21/1994 | | TANK FAILURE | NO | NO |

| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| #2 FUEL OIL | PETROLEUM | -1.00 | UNKNOWN | 0.00 | UNKNOWN | SOIL |

Caller Remarks:

TANK SPLIT IN BASEMENT. TANK LEAKING - WOULD LIKE A CALL BACK ASAP. (TYREE CALLED 516-249-3150) JOHN LICATO WAS CALLED TO CLEAN UP THE SPILL.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 27 **FORMER QUEENS BANK**
 38-25 MAIN STREET

Spill Number: 0500365
 FLUSHING, NY NO ZIP PROVIDED

Close Date:

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 370 feet to the WSW

ADDRESS CHANGE INFORMATION
 Revised street: 3825 MAIN STREET
 Revised zip code: UNKNOWN

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER
 Notifier Type: Other
 Caller Name:
 DEC Investigator: SFRAHMAN

Spiller: JEFF SHELKEY - FORMER QUEENS BANK
 Notifier Name:
 Caller Agency:
 Contact for more spill info: JEFF SHELKEY

Spiller Phone: (516) 746-4400
 Notifier Phone:
 Caller Phone:
 Contact Person Phone: (516) 746-4400

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | | Penalty Recommended | |
|------------|---------------------|----------------|-------------------------|--|---------------------|--|
| 04/08/2005 | | TANK FAILURE | NO | | NO | |

| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| #2 FUEL OIL | PETROLEUM | 0 | GALLONS | 0 | GALLONS | GROUNDWATER |

Caller Remarks:

FOUND CONTAMINATED SOIL AT THIS LOCATION:

DEC Investigator Remarks:

sent cont. soil ltr

PBS site owner:
 D&T International (Flushing NY) LLC
 133-32 41st Rd
 Flushing, NY 11355

Mailing address:
 Top 8 Construction Corporation
 133-32 41st Road
 Flushing, NY 11355

Attn: Mr. Edwin Lee

Map Identification Number 28 **EXXONMOBIL S/S**
 133-11 ROOSEVELT AVENUE

Spill Number: 9103630
 QUEENS, NY NO ZIP PROVIDED

Close Date:

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 1511 feet to the SW

ADDRESS CHANGE INFORMATION
 Revised street: 13311 ROOSEVELT AVENUE
 Revised zip code: NO CHANGE

Source of Spill: GASOLINE STATION
 Notifier Type: Affected Persons
 Caller Name: ROBIN BUN
 DEC Investigator: DXSMITH

Spiller: MIKE MEOLA - EXXONMOBIL CORP
 Notifier Name:
 Caller Agency: MOBIL
 Contact for more spill info:

Spiller Phone:
 Notifier Phone:
 Caller Phone: (703) 849-3746
 Contact Person Phone:

Spill Class: KNOWN RELEASE THAT CREATES POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | | Penalty Recommended | |
|------------|---------------------|----------------|-------------------------|--|---------------------|--|
| 07/03/1991 | | TANK FAILURE | NO | | NO | |

| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| GASOLINE | PETROLEUM | 0 | GALLONS | 0 | GALLONS | GROUNDWATER |

Caller Remarks:

PRODUCT COMING OUT OF SOIL. SEWER LINE MAY BE BROKEN.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ROMMEL"
 This spill case was reassigned from DEC (Sigona) to Rommel
 on 02/10/2004.

a

Map Identification Number 29 **LINDEN MAINTAINCE CORP**
 134-02 33RD AVE

Spill Number: 9713682
 FLUSHING, NY NO ZIP PROVIDED

Close Date:

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 2014 feet to the NW

ADDRESS CHANGE INFORMATION
 Revised street: 13402 33RD AVE
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL Spiller: ENZO - GASOLINE INSTALLATIONS Spiller Phone: (718) 647-7443
 Notifier Type: Other Notifier Name: SCOTT BECK Notifier Phone:
 Caller Name: MATTHEW MATCHETTE Caller Agency: CROMPCO CORP Caller Phone: (610) 278-7203
 DEC Investigator: JMRommel Contact for more spill info: CHUCK PEDANO Contact Person Phone: (610) 278-7203

Spill Class: KNOWN RELEASE THAT CREATES POTENTIAL FOR FIRE OR HAZARD;HIGHLY IMPROBABLE

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | | Penalty Recommended | |
|------------------|---------------------|------------------|-------------------------|--------------------|---------------------|----------------------|
| 03/10/1998 | | TANK FAILURE | NO | | NO | |
| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
| GASOLINE | PETROLEUM | 0 | GALLONS | 0 | GALLONS | SOIL |

Caller Remarks: taxi servce company-tank failure

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ROMMEL C"
 3/11/03 - SAMUEL- File available in active unassigned spill files.

04/12/04

TRANSFERRED FROM ODOWD TO ROMMEL

Map Identification Number 30

132-40 SANFORD AVE

Spill Number: 0301843
 QUEENS, NY NO ZIP PROVIDED

Close Date:

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 2141 feet to the SSW

ADDRESS CHANGE INFORMATION
 Revised street: 13240 SANFORD AVE
 Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING Spiller: MR ELPIGIO Spiller Phone: (718) 461-0239
 Notifier Type: Responsible Party Notifier Name: Notifier Phone:
 Caller Name: Caller Agency: Caller Phone:
 DEC Investigator: CESAWYER Contact for more spill info: CALLER Contact Person Phone:

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | PBS # Involved | | Meets Cleanup Standards | | Penalty Recommended |
|------------------|---------------------|------------------|----------------|--------------------|-------------------------|----------------------|---------------------|
| 05/21/2003 | | TANK FAILURE | 2-242705 | | NO | | NO |
| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected | |
| #6 FUEL OIL | PETROLEUM | 50.00 | GALLONS | 0.00 | GALLONS | SOIL | |

Caller Remarks:

tank ruptured. cleanup to be started.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "SAWYER"
 5/21/03 TIPPLE UPDATING/ DEMEO DID SITE INSPECTION/PETROLEUM TANK CLEANERS DOING CLEANUP
 CONTAMINATED SOIL LETTER SENT TO BLD. OWNER

Steve King-service rep from Hess- said fill line ruptured contaminated soil around fill line.

Mgmt Agent said they would take care of cleanup.

1/7/04-Vought-Spill transferred from Vought to Sawyer.

Cris Sawyer is case manager for this spill.

4/30/2004 Sangesland sent out a follow up letter to the property manager requesting closure documentation.

6/10/04 tiple updating////ABC doing cleanup, not PTC.

Map Identification Number 31 **CARLISLE TOWERS #3**
 42-49 COLDEN ST

Spill Number: 9614962 **Close Date:**
 QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 2562 feet to the SSE

ADDRESS CHANGE INFORMATION
 Revised street: 4249 COLDEN ST
 Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING
 Notifier Type: Responsible Party
 Caller Name: DAN UNWIN
 DEC Investigator: SMSANGES

Spiller:
 Notifier Name:
 Caller Agency: PETRO-CHEM TANK TESTING
 Contact for more spill info: ABOVE

Spiller Phone:
 Notifier Phone:
 Caller Phone: () 497-3261
 Contact Person Phone:

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 03/27/1997 | | TANK FAILURE | NO | NO |

| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| #6 FUEL OIL | PETROLEUM | 0 | GALLONS | 0 | GALLONS | SOIL |

Caller Remarks: ststem test failure will excavate and retest on april 1stpbs#2-242667

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "SANGESLAND"
 Cross Ref#0009007

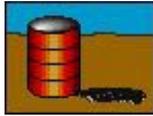
10/1/2003 Sangesland received a report from Jonathan Woodner Co. Property Manager (Rene Morel 718-321-8630). He said the tanks were uncovered by A.L. Eastmond and contaminated soil was found. 229 tons of contaminated soil was removed to an Albany landfill (manifests enclosed). NO endpoint samples were taken.

Sangesland asked Mr. Morel to contact Eastmond and get soil boring "end point" soil samples from the area of the excavation. If these samples come back clean, the site can be closed out.

10/3/2003 Sangesland spoke with Phil LaRosa of AL Eastmond concerning this site. Since so much contaminated soil was removed and the 30,000 gal tank was removed, DEC will require some form of end point samples. AL Eastmond will make 6 geoprobe borings around the new 20,000 gal tank (2 per side, 1 each end). Depth will be below bottom of the tank pad. All samples checked with PID, hottest samples from each boring forwarded to the lab.

When a submittal comes in to close this case out, change "administrative closure" on Spill #0009007

4/27/2004 Issac from Eastmond called to ask what work was needed to close out this case. Sangesland read the notes above. Issac will take care of making a submittal to DEC.



ACTIVE TANK TEST FAILURES IDENTIFIED WITHIN 1/2 MILE SEARCH RADIUS

Please Note: * - Compass directions can vary substantially for sites located very close to the subject property address.

Map Identification Number 32 **109 PRECINCT NYPD -DDC**
 3705 UNION STREET

Spill Number: 9708270 **Close Date:**
 FLUSHING, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 30 feet to the NE*

ADDRESS CHANGE INFORMATION
 Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER
 Notifier Type: Tank Tester
 Caller Name: TJ O'CONNOR
 DEC Investigator: JAKOLLEE

Spiller: NYPD
 Notifier Name: TJ O'CONNOR
 Caller Agency: DRY AS A BONE TANK TEST
 Contact for more spill info:

Spiller Phone:
 Notifier Phone: (516) 678-5115
 Caller Phone: (516) 678-5115
 Contact Person Phone:

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|-------------------|-------------------------|---------------------|
| 10/14/1997 | | TANK TEST FAILURE | NO | NO |

| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| #2 FUEL OIL | PETROLEUM | 0 | GALLONS | 0 | GALLONS | SOIL |

TANK TEST INFORMATION

| Tank Number | Tank Size | Tank Test Method | Leak Rate | Gross Leak or Failure |
|-------------|-----------|-------------------------|-----------|-----------------------|
| | 3500 | Horner EZ Check I or II | 0.00 | UNKNOWN |

Caller Remarks: GENERATOR FUEL TANK FAILED TEST - NO CONTAMINATION DISCOVERED AROUND TANK

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "KOLLEENY"

Map Identification Number 33 **C-HATTAN CORP.**
 142-27 BARCLAY AVE

Spill Number: 0208300
 FLUSHING, NY NO ZIP PROVIDED

Close Date:

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 999 feet to the SE

ADDRESS CHANGE INFORMATION
 Revised street: 14227 BARCLAY AVE
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL
 Notifier Type: Tank Tester
 Caller Name:
 DEC Investigator: CESAUYER

Spiller: SAME
 Notifier Name:
 Caller Agency:
 Contact for more spill info: MYRA RUBIN

Spiller Phone:
 Notifier Phone:
 Caller Phone:
 Contact Person Phone: (718) 261-9204

Spill Class: KNOWN RELEASE THAT CREATES POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | | Penalty Recommended | |
|------------|---------------------|-------------------|-------------------------|--|---------------------|--|
| 11/11/2002 | | TANK TEST FAILURE | NO | | NO | |

| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| #2 FUEL OIL | PETROLEUM | 0 | GALLONS | 0 | GALLONS | SOIL |

TANK TEST INFORMATION

| Tank Number | Tank Size | Tank Test Method | Leak Rate | Gross Leak or Failure |
|-------------|-----------|-------------------------|-----------|-----------------------|
| 1 | 4000 | Horner EZ Check I or II | 0.00 | FAIL |

Caller Remarks:

TANK TEST FAILURE AT ABOVE LOCATION. PROPERTY OWNER TO BE ADVISED OT TEST RESULTS.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "SAWYER"
 11/25/02 - Austin - TTF letter sent out to Myra Rubin

1/7/04-Vought-Spill transferred from Vought to Austin.

1/27/04 - Sawyer - Spill transferred from Austin to Sawyer.

4/09/04 - Sawyer - Sent tank test failure letter to William Schreiber.

Map Identification Number 34 **SHELL**
141-54 NORTHERN BLVD

Spill Number: 9702798
FLUSHING, NY NO ZIP PROVIDED

Close Date:

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (1)
Approximate distance from property: 1281 feet to the NE

ADDRESS CHANGE INFORMATION
Revised street: 14154 NORTHERN BLVD
Revised zip code: NO CHANGE

Source of Spill: GASOLINE STATION
Notifier Type: Responsible Party
Caller Name: TOM DYKSTRA
DEC Investigator: KMFOLEY

Spiller: BROOKS PERLEE - SHELL
Notifier Name: TOM DYKSTRA
Caller Agency: NDE ENVIORNMENTAL
Contact for more spill info: BROOKS PERLEE

Spiller Phone: (516) 365-2489
Notifier Phone: (800) 964-0013
Caller Phone: (800) 964-0013
Contact Person Phone: (516) 365-2489

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | PBS # Involved | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|-------------------|----------------|-------------------------|---------------------|
| 06/04/1997 | | TANK TEST FAILURE | 0-000000 | NO | NO |

| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
|--------------------------------|--------------------|------------------|---------|--------------------|---------|----------------------|
| GASOLINE | PETROLEUM | 0 | GALLONS | 0 | GALLONS | SOIL |
| MTBE (METHYL-TERT-BUTYL ETHER) | HAZARDOUS MATERIAL | 0 | UNKNOWN | 0 | UNKNOWN | |
| BTEX | OXYGENATES | 0 | UNKNOWN | 0 | UNKNOWN | |

Caller Remarks: tank test failure of vacuum leak will do further tests to find problem

DEC Investigator Remarks:

12/3/03 Reassigned from Mulqueen to Foley. See also spill #9613836.

9/25/03 July-Sept 2003 update report submitted by NES.
BTEX range ND(MW-4,MW-5) to 1744ppb(MW-3).
MTBE range ND(MW-4, MW-5) to 2670ppb(MW-2).

DTW 45-47' bgs. Flows south at 0.01ft/ft.

William Benneson Rehabilitation Pavilion located across Parsons Blvd. MW-5 on corner of Parsons and Northern Blvd. Flushing Manor Nursing and Rehab Center northeast of site. Residential buildings downgradient of site.

Elevated levels of vapors were detected emanating from well 1 on May 23 and May 24, 2000. Subsequent monitoring was inconclusive.

1/5/04 Received update report from NES, dated 12/30/03. DTW 45-47'bgs. Flow varies from southwest to southeast. Three medical

facilities, a YMCA and a school are located within 1/2mi of the site. NES recommending ORM to be placed in wells 1,2,3 on a semi-annual basis and continue quarterly monitoring.

MW-2 is the hottest well with BTEX at 2727ppb and MTBE at 5650ppb. Offsite upgradient well, MW-5 is clean. Downgradient wells MW-4 and MW-6 are OK. May need additional wells downgradient of MW-2 and MW-3 (area of former 550gal gas USTs).

3/25/04 Received update report. BTEX ND(MW-4,MW-5) to 2260ppb(MW-3). MTBE from ND(MW-4, MW-5) to 2620ppb(MW-2). Mailed letter to Rob Rule, Shell, to install two additional borings/wells southwest of MW-2 and MW-3. Report due 5/28.

5/18/04 Received copy of letter to George Lee, owner of Asian Mart at 141-40 Northern Blvd, requesting access to property to install two monitoring wells.

5/27/04 Received deadline extension request. Requesting report be submitted by 7/28/04. Proposed investigation includes performing soil borings and installing monitoring wells at two off-site locations to the west of the site. Samples will be collected continuously and screened by PID. Deepest dry soil samples or the sample with the highest PID reading will be submitted for 8260 analysis. Following installation, wells will be developed and surveyed. Groundwater samples will be collected approx one week later.

5/27/04 Mailed certified letter to Mr. George Lee requesting property access.

8/9/04 Received off-site investigation report. On 6/19/04, one MW was installed off-site. GW was encountered at 45'bgs and the well was completed at 53'bgs. On 6/20-6/21/04, six soil borings were conducted in an attempt to install an additional off-site well. All attempts ended in auger refusal. The soil sample collected from the 44-46'bgs interval at MW-7 was analyzed and meets soil cleanup objectives.

11/9/04 Received update report. Samples collected on 6/29/04 showed concentrations of BTEX from 2.3ppb(MW-4) to 16260ppb(MW-7, in Asian Mart parking lot,crossgradient). MTBE ranged from <1ppb to 2620ppb(MW-2). Samples collected on 9/14/04 showed concentrations of BTEX ranged from 0.7ppb(MW-5) to 3774ppb(MW-7). MTBE ranged from <1ppb(MW-4,5) to 8840ppb(MW-2). DTW 45'bgs.

11/23/04 Met with M. Schneck(NES) and R. Rule(Shell). Will be submitting more information to make the argument that the station is not the source of the contamination found in MW-7. Will also resample MW-7. According to Matt, MW-7 is in a former used car lot. He also has an order in for aerial photographs.

2/14/05 Received update report. Samples collected on 12/10/04 showed concentrations of BTEX from <4.0ppb (MW-4, MW-5) to 6173ppb(MW-2). MTBE ranges from <1ppb(MW-4) to 26700ppb(MW-2). Additional land use records will be evaluated to investigate the source of the dissolved BTEX and MTBE in MW-7 (cross-gradient). ORM will be replaced in wells 1,2&3 on a semi-annual basis.

2/8/05 Received UST closure report for one 550gal #2 fuel oil UST. Lab analytical data indicates all samples were below cleanup objectives. No release is associated with this heating oil tank.

Map Identification Number 35 **TTF- ROOSEVELT AVE**
 144-25 ROOSEVELT AVE

Spill Number: 9113069 **Close Date:**
 FLUSHING, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 1418 feet to the E

ADDRESS CHANGE INFORMATION
 Revised street: 14425 ROOSEVELT AVE
 Revised zip code: UNKNOWN

Source of Spill: COMMERCIAL/INDUSTRIAL
 Notifier Type: Tank Tester
 Caller Name: S ELWELL
 DEC Investigator: SFRAHMAN

Spiller:
 Notifier Name:
 Caller Agency: TANKNLOGY
 Contact for more spill info:

Spiller Phone:
 Notifier Phone:
 Caller Phone: (413) 789-2605
 Contact Person Phone:

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | | Penalty Recommended | |
|------------|---------------------|-------------------|-------------------------|--|---------------------|--|
| 03/25/1992 | | TANK TEST FAILURE | NO | | NO | |

| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
|------------------|----------------|------------------|--------|--------------------|--------|----------------------|
| #4 FUEL OIL | PETROLEUM | -1.00 | POUNDS | 0.00 | POUNDS | SOIL |

TANK TEST INFORMATION

| Tank Number | Tank Size | Tank Test Method | Leak Rate | Gross Leak or Failure |
|-------------|-----------|------------------|-----------|-----------------------|
| | | Unknown | 0.00 | UNKNOWN |

Caller Remarks:

HOLES DISCOVERED IN TANK AFTER EXCAVATION.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "SAWYER"
 1/9/03-Vought-Spill transferred from Batista to Vought.

1/9/2003-Vought-Spoke with phase I researcher who is in contact with owner. Property manager is Marolda Properties 212-480-1122 Gregory Kourtesis. Property manager has no information on spill and will check with owner. Researcher will expect to hear from owner on 1/13/2003.

3/7/2003-Vought-Spoke with Jason Cecere (631-348-7600x42). Unsure if tanks are still in place. One 10,000 gallon #2 tank in

place. GPR survey of site will be performed to locate tank and geoprobes will be performed on all sides of tank to ensure no failure. Previous tanks may be located at same location of 10,000 UST. NYSDEC requires site plan, GPR results and sample analyticals. Fours soil borings will be performed with samples (STARS 8270) taken from 13-15' (tank bottom at 10'). Site plan including scale and surrounding properties will also be included.

11/18/2003-Vought-Called Jason Cecere and left message to return call to DEC.

11/21/2003-Vought-Spoke with Jason and boring performed using hand auger. GPR survey confirmed presence of 10000 gallon UST. GPR only showed on UST on-site and UST is active and currently registered with DEC PBS. Unsure of this spill report and records show no indication of tank excavation. Owner contact is Edwardo and Merolda Properties (Greg Kortesis).

1/5/04-Vought-Spill transferred from Vought to Austin.

01/27/04 - Sawyer - Spill transferred from Austin to Sawyer.

Map Identification Number 36 **LATIMER GARDENS -NYCHA** **Spill Number: 9606932** **Close Date:**
 34-45 LINDEN PLACE QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 1454 feet to the NNW

ADDRESS CHANGE INFORMATION
 Revised street: 3445 LINDEN PLACE
 Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING Spiller: DAVE FORTE - NYC HOUSING AUTHORITY Spiller Phone: (212) 306-3233
 Notifier Type: Tank Tester Notifier Name: GENE TOLVE Notifier Phone: (718) 265-3355
 Caller Name: GENE TOLVE Caller Agency: STATE ENVIRONMENTAL SERV. Caller Phone: (718) 265-3355
 DEC Investigator: JAKOLLEE Contact for more spill info: MR KANE Contact Person Phone: (718) 939-2600

Spill Class: KNOWN RELEASE THAT CREATES POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | | Penalty Recommended | |
|------------|---------------------|-------------------|-------------------------|--|---------------------|--|
| 08/30/1996 | | TANK TEST FAILURE | NO | | NO | |

| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| #4 FUEL OIL | PETROLEUM | 0 | GALLONS | 0 | GALLONS | SOIL |

TANK TEST INFORMATION

| | | | | |
|-------------|-----------|-------------------------|-----------|-----------------------|
| Tank Number | Tank Size | Tank Test Method | Leak Rate | Gross Leak or Failure |
| | 15050 | Horner EZ Check I or II | 0.00 | FAIL |

Caller Remarks: NEW YORK CITY HOUSING AUTHORITY NOTIFIED. REMEDIATION LEFT UPTO SPILLER.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 37 **APARTMENT BUILDING** **Spill Number: 0400258** **Close Date:**
 42-20 KISSENA BLVD. QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 1529 feet to the SSE

ADDRESS CHANGE INFORMATION

Revised street: 4220 KISSENA BLVD.
 Revised zip code: NO CHANGE

| | | |
|-----------------------------------|--|--------------------------------------|
| Source of Spill: PRIVATE DWELLING | Spiller: LUIS REYES - APARTMENT BUILDING | Spiller Phone: (917) 709-8340 |
| Notifier Type: Tank Tester | Notifier Name: | Notifier Phone: |
| Caller Name: | Caller Agency: | Caller Phone: |
| DEC Investigator: TJDEMEO | Contact for more spill info: LUIS REYES | Contact Person Phone: (917) 709-8340 |

Spill Class: POSSIBLE REL WITH MIN POTENTIAL FOR FIRE OR HAZARD (OR KNOWN REL W/ NO DAMAGE);NO DEC RESP;WILLING RP;CORR ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | PBS # Involved | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|-------------------|----------------|-------------------------|---------------------|
| 04/08/2004 | | TANK TEST FAILURE | 2-333514 | NO | NO |

| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
|------------------|----------------|------------------|--------|--------------------|--------|----------------------|
| #4 FUEL OIL | PETROLEUM | 0 | POUNDS | 0 | POUNDS | GROUNDWATER |

Caller Remarks:

NOTHING LEAKED INTO GROUND: TANK FAILED:

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "DEMEO"
 Send TTF letter

Map Identification Number 38 **BLAND HOUSES -NYCHA**
40-05 COLLEGE POINT BLVD.

Spill Number: 9403446 **Close Date:**
QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1652 feet to the SW

ADDRESS CHANGE INFORMATION
Revised street: 4005 COLLEGE POINT BLVD.
Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER
Notifier Type: Tank Tester
Caller Name: SEBASTIAN LORIFICE
DEC Investigator: JAKOLLEE

Spiller: NYCHA
Notifier Name:
Caller Agency: NYCHA
Contact for more spill info:

Spiller Phone: (212) 306-3142
Notifier Phone:
Caller Phone: (212) 306-3142
Contact Person Phone:

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|-------------------|-------------------------|---------------------|
| 06/10/1994 | | TANK TEST FAILURE | NO | NO |

| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| #4 FUEL OIL | PETROLEUM | -1.00 | GALLONS | 0.00 | GALLONS | SOIL |

TANK TEST INFORMATION

| Tank Number | Tank Size | Tank Test Method | Leak Rate | Gross Leak or Failure |
|-------------|-----------|------------------|-----------|-----------------------|
| 002 | | Unknown | 0.00 | UNKNOWN |

Caller Remarks: WILL REPAIR AND RETEST AS SOON AS POSSIBLE

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 39 **4137 PARSONS BLVD**
4137 PARSONS BLVD

Spill Number: 9801316 **Close Date:**
FLUSHING, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1705 feet to the ESE

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: UNKNOWN

Source of Spill: PRIVATE DWELLING
Notifier Type: Responsible Party
Caller Name: MICHAEL GIUSTINIANI
DEC Investigator: MCTIBBE

Spiller: MR NAYMARK - 4137 PARSONS BLVD
Notifier Name:
Caller Agency: STATE ENVIRO SERVICES
Contact for more spill info: MR NAYMARK

Spiller Phone: (718) 776-1455
Notifier Phone:
Caller Phone: (718) 265-3355
Contact Person Phone: (718) 776-1455

Spill Class: KNOWN RELEASE THAT CREATES POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | | Penalty Recommended | |
|------------------|---------------------|-------------------|-------------------------|--------------------|---------------------|----------------------|
| 04/29/1998 | | TANK TEST FAILURE | NO | | NO | |
| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
| #2 FUEL OIL | PETROLEUM | 0 | GALLONS | 0 | GALLONS | SOIL |

TANK TEST INFORMATION

| Tank Number | Tank Size | Tank Test Method | Leak Rate | Gross Leak or Failure |
|-------------|-----------|-------------------------|-----------|-----------------------|
| 1 | 1500 | Horner EZ Check I or II | 0.00 | UNKNOWN |

Caller Remarks: CALLER TESTED TANK AT APARTMENT HOUSE. TANK FAILED.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "M TIBBE"

Map Identification Number 40 **40-21 COLLEGE POINT BLVD -NYCHA** **Spill Number: 9106685** **Close Date:**
 40-21 COLLEGE POINT BLVD FLUSHING, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 1731 feet to the SW

ADDRESS CHANGE INFORMATION
 Revised street: 4021 COLLEGE POINT BLVD
 Revised zip code: NO CHANGE

| | | |
|--|---------------------------------|------------------------------|
| Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER | Spiller: NYCHA | Spiller Phone: |
| Notifier Type: Tank Tester | Notifier Name: | Notifier Phone: |
| Caller Name: SEBASTIAN LORIFICE | Caller Agency: TANK TESTING INC | Caller Phone: (718) 789-3770 |
| DEC Investigator: JAKOLLEE | Contact for more spill info: | Contact Person Phone: |

Spill Class: KNOWN RELEASE THAT CREATES POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | | Penalty Recommended | |
|------------------|---------------------|-------------------|-------------------------|--------------------|---------------------|----------------------|
| 09/20/1991 | | TANK TEST FAILURE | NO | | NO | |
| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
| #4 FUEL OIL | PETROLEUM | -1.00 | POUNDS | 0.00 | POUNDS | GROUNDWATER |

TANK TEST INFORMATION

| Tank Number | Tank Size | Tank Test Method | Leak Rate | Gross Leak or Failure |
|-------------|-----------|------------------|-----------|-----------------------|
| 001 | | Unknown | 0.00 | UNKNOWN |

Caller Remarks:

20K HORNER EZ-CHECK VISUAL LEAK SYSTEM E, I & R

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 41 **LEAVITT HOUSES -NYCHA** **Spill Number: 9108997** **Close Date:**
 139010 34TH ST/LEAVITT HS FLUSHING, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 1765 feet to the N

ADDRESS CHANGE INFORMATION

Revised street: 13910 34TH AV
 Revised zip code: NO CHANGE

| | | |
|--|---------------------------------|------------------------------|
| Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER | Spiller: NYCHA | Spiller Phone: |
| Notifier Type: Tank Tester | Notifier Name: | Notifier Phone: |
| Caller Name: S LORIFICE | Caller Agency: TANK TESTING INC | Caller Phone: (718) 789-3770 |
| DEC Investigator: JAKOLLEE | Contact for more spill info: | Contact Person Phone: |

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|-------------------|-------------------------|---------------------|
| 11/22/1991 | | TANK TEST FAILURE | NO | NO |

| Material Spilled | Material Class | Quantity Spilled | | Quantity Recovered | | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| | | Units | | Units | | |
| #2 FUEL OIL | PETROLEUM | -1.00 | GALLONS | 0.00 | GALLONS | SOIL |

TANK TEST INFORMATION

| Tank Number | Tank Size | Tank Test Method | Leak Rate | Gross Leak or Failure |
|-------------|-----------|------------------|-----------|-----------------------|
| 001 | | Unknown | 0.00 | UNKNOWN |

Caller Remarks:

5K; E I & R

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 42

42-65 KISSENA BLVD

Spill Number: 0406020
 FLUSHING, NY NO ZIP PROVIDED

Close Date:

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 1845 feet to the SSE

ADDRESS CHANGE INFORMATION

Revised street: 4265 KISSENA BLVD
 Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER
 Notifier Type: Other
 Caller Name:
 DEC Investigator: MXTIPPLE

Spiller: FRANK
 Notifier Name:
 Caller Agency:
 Contact for more spill info: FRANK

Spiller Phone: (718) 961-4740
 Notifier Phone:
 Caller Phone:
 Contact Person Phone: (718) 961-4740

Spill Class: POSSIBLE REL WITH MIN POTENTIAL FOR FIRE OR HAZARD (OR KNOWN REL W/ NO DAMAGE);NO DEC RESP;WILLING RP;CORR ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | | Penalty Recommended | |
|------------|---------------------|-------------------|-------------------------|--|---------------------|--|
| 09/01/2004 | | TANK TEST FAILURE | NO | | NO | |

| Material Spilled | Material Class | Quantity Spilled | | Quantity Recovered | | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| | | Units | | Units | | |
| #2 FUEL OIL | PETROLEUM | 0 | UNKNOWN | 0 | UNKNOWN | SOIL |
| #2 FUEL OIL | PETROLEUM | 0 | POUNDS | 0 | POUNDS | SOIL |

TANK TEST INFORMATION

| Tank Number | Tank Size | Tank Test Method | Leak Rate | Gross Leak or Failure |
|-------------|-----------|-------------------------|-----------|-----------------------|
| | 20000 | Horner EZ Check I or II | 0.00 | UNKNOWN |

Caller Remarks:

tank test failure.dry leak.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TIPPLE"

Sent TTF Ltr 3/25/2005

Map Identification Number 43 **FRANKLIN NURSING HOME**
 142-27 FRANKLIN AVE

Spill Number: 9701403
 FLUSHING, NY NO ZIP PROVIDED

Close Date:

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 1935 feet to the SE

ADDRESS CHANGE INFORMATION
 Revised street: 14227 FRANKLIN AVE
 Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER
 Notifier Type: Tank Tester
 Caller Name: JOHN LEDDY
 DEC Investigator: JMROMMEL

Spiller: FRANKLIN NURSING HOME
 Notifier Name: JOHN LEDDY
 Caller Agency: PROTEST ENTERPRISES
 Contact for more spill info:

Spiller Phone:
 Notifier Phone: (516) 321-4670
 Caller Phone: (516) 321-4670
 Contact Person Phone:

Spill Class: KNOWN RELEASE THAT CREATES POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | | Penalty Recommended | |
|------------|---------------------|-------------------|-------------------------|--|---------------------|--|
| 05/01/1997 | | TANK TEST FAILURE | NO | | NO | |

| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| DIESEL | PETROLEUM | 0 | GALLONS | 0 | GALLONS | SOIL |

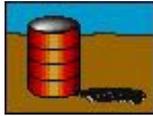
TANK TEST INFORMATION

| Tank Number | Tank Size | Tank Test Method | Leak Rate | Gross Leak or Failure |
|-------------|-----------|-------------------------|-----------|-----------------------|
| 1 | 550 | Horner EZ Check I or II | 0.00 | UNKNOWN |

Caller Remarks: UNDERGROUND DIESEL TANK - FAILURE OF TEST

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ROMMEL"
 This spill site was transferred from DEC Sigona to Rommel on 2/24/2004.



ACTIVE UNKNOWN CAUSE SPILLS AND OTHER CAUSE SPILLS IDENTIFIED WITHIN 1/2 MILE SEARCH RADIUS

Please Note: * - Compass directions can vary substantially for sites located very close to the subject property address.

Map Identification Number 44 **MULTIPLE DWELLING APT**
41-25 KISSENA BLVD

Spill Number: 0413171 **Close Date:**
QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 849 feet to the S

ADDRESS CHANGE INFORMATION
Revised street: 4125 KISSENA BLVD
Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING
Notifier Type: Fire Department
Caller Name:
DEC Investigator: JXZHAO

Spiller: UNKNOWN
Notifier Name:
Caller Agency:
Contact for more spill info: FDNY DISPATCH

Spiller Phone:
Notifier Phone:
Caller Phone:
Contact Person Phone: (718) 476-6261

Spill Class: KNOWN RELEASE THAT CREATES POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | | Penalty Recommended | |
|------------|---------------------|----------------|-------------------------|--|---------------------|--|
| 03/17/2005 | | UNKNOWN | NO | | NO | |

| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| #6 FUEL OIL | PETROLEUM | 7000 | GALLONS | 0 | GALLONS | SOIL, SEWER |

Caller Remarks:

FDNY Hazmat on scene of spill of approx 200 gal #6 fuel in basement of multi dwelling bldg. Spill contained, unkn amt of fuel into sewer.

DEC Investigator Remarks:

This is a duplicate spill which has been closed out.
Ref Primary Spill # 0413170

03/21/2005 - Spill amount has been changed from 200 gallons to 7,000 gallons by Jie Zhao.

03/21/2005 - A 20,000 gallon tank storing #6 fuel oil at 41-25 Kissena Blvd, Condominium apartment, was found leaked yesterday at

10:30 PM. Spill was called in by Stuyvesant Oil Company and later NYC Fire Haz Mat.

Zhao and Saarif responded to scene immediately after the first call received.

Super and his wife went home yesterday around 10:30 PM and found oil flooded on basement floor. He called Stuyvensant oil service company. DEC received call after that. From superintendent statement that 8,500 gallons oil delivered a day earlier and about 4,000 gallon oil remained in tank before the delivery. There was about 5,000 gallons left in tank from Fire Haz Mat close check. There was about one feet oil floating in basement floor. It was contained and no drain or sump involved based on superintendent's statement. PTC responded clean up last night with two vaccuum trucks, 5800 gal and 5000 gal capacity.

From the above info, there are about 7,000 gallons oil spilled from this spill case. Further investigation will be conducted.

There is no valid PBS registration. Case is referred to Ben conlon, Legal.

The contact address is: Benchmark Realty Management Corp., 37-01 Main Street, Flushing, NY 11354, Att: Henry Bergmann or David Eng. The contact phone number is (718) 407-0015.

| | | | |
|---|---|--------------------------------------|--------------------|
| Map Identification Number 45 | 39TH AV & PRINCE ST 39TH AV & PRINCE ST | Spill Number: 0006066 | Close Date: |
| | | FLUSHING, NY NO ZIP PROVIDED | |
| MAP LOCATION INFORMATION | | ADDRESS CHANGE INFORMATION | |
| Site location mapped by: ADDRESS MATCHING | | Revised street: 39TH AV / PRINCE ST | |
| Approximate distance from property: 941 feet to the WSW | | Revised zip code: NO CHANGE | |
| Source of Spill: UNKNOWN | Spiller: UNKNOWN | Spiller Phone: | |
| Notifier Type: Other | Notifier Name: | Notifier Phone: | |
| Caller Name: | Caller Agency: | Caller Phone: | |
| DEC Investigator: MDBRAND | Contact for more spill info: CHARLIE SCHMIDGALL | Contact Person Phone: (631) 224-1680 | |

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | | Penalty Recommended | |
|-------------------|---------------------|------------------|-------------------------|--------------------|---------------------|----------------------|
| 08/22/2000 | | UNKNOWN | NO | | NO | |
| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
| UNKNOWN PETROLEUM | PETROLEUM | 0 | GALLONS | 0 | GALLONS | SOIL |

Caller Remarks:

CALLER GOT BORINGS BACK SHOWING CONTAMINATION

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "AUSTIN"
 5/10/04 - AUSTIN - TRANSFERRED FROM SACCACIO TO AUSTIN FOR REASSSIGNMENT - END

Map Identification Number 46 **MANHOLE 12839**
 UNION ST/35TH AVE

Spill Number: 0503197 **Close Date:**
 QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 1075 feet to the N

ADDRESS CHANGE INFORMATION
 Revised street: NO CHANGE
 Revised zip code: UNKNOWN

| | | |
|----------------------------------|---------------------------------------|--------------------------------------|
| Source of Spill: UNKNOWN | Spiller: | Spiller Phone: |
| Notifier Type: Responsible Party | Notifier Name: | Notifier Phone: |
| Caller Name: | Caller Agency: | Caller Phone: |
| DEC Investigator: GDBREEN | Contact for more spill info: ERT DESK | Contact Person Phone: (212) 580-8383 |

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | | Penalty Recommended | |
|------------|---------------------|----------------|-------------------------|--|---------------------|--|
| 06/15/2005 | | UNKNOWN | NO | | NO | |

| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
|-------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN PETROLEUM | PETROLEUM | 1.00 | GALLONS | 0.00 | GALLONS | SOIL |

Caller Remarks:

1 GALLON OF UNKNOWN OIL ON 600 GALLONS OF WATER. NO TO ALL 5 QUESTIONS. CON ED REF #159213.

DEC Investigator Remarks:

159213. 6/15/2005 12:40 HRS M. SATIRA #43600 S.E.T. FOR U/G REPORTS FINDING APPROX 1 GAL OF UNKNOWN OIL ON APPROX 600 GALS OF WATER IN M12839. THIS WAS FOUND WHILE DOING PRE-INSPECTIONS FOR FDR 7Q84 ON ACCT# C7515. THERE WAS NO SMOKE, FIRE, OR INJURIES RELATED TO THE SPILL, NOR WERE ANY SEWERS, WATERWAYS, OR PRIVATE PROPERTY AFFECTED. THE SOURCE AND CAUSE OF THE SPILL IS UNKNOWN. THE STANDING WATER IN THE STRUCTURE HAD NO MOVEMENT, AND THE EXISTENCE OF ANY SEWER CONNECTIONS, SUMPS, OR DRAINS COULD NOT BE VERIFIED AT THIS TIME. ENV STOP TAG# 44298 WAS PLACED AND ONE LIQUID SAMPLE TAKEN ON "E" PRIORITY FOR PCB ANALYSIS ON CHAIN OF CUSTODY #EE27604. THE SAMPLE WILL BE TAKEN TO CHEM LAB BY M. SATIRA AND THE CLEANUP IS PENDING LAB RESULTS. J ANDERSON

MATRIX: OIL GRAB. Aroclor 1254 4.3 ppm EPA 608/8082

Update - 6/16/05 - 0110hrs. J. Davis env. ops mech reports while cleaning structure found an earthen sump. Removing job from 24 hr clock. Notified CIG T. Marcinek @ 16hrs cn #19661

Map Identification Number 47

136-35 35TH AVE

Spill Number: 0107332

Close Date:

QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING

Approximate distance from property: 1092 feet to the NNW

ADDRESS CHANGE INFORMATION

Revised street: 13635 35TH AVE

Revised zip code: NO CHANGE

Source of Spill: UNKNOWN
 Notifier Type: Affected Persons
 Caller Name:
 DEC Investigator: JMROMMEL

Spiller: UNK
 Notifier Name:
 Caller Agency:
 Contact for more spill info: CALLER

Spiller Phone: (000) 000-0000
 Notifier Phone:
 Caller Phone:
 Contact Person Phone:

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | | Penalty Recommended | |
|------------|---------------------|----------------|-------------------------|--|---------------------|--|
| 10/16/2001 | | UNKNOWN | NO | | NO | |

| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| GASOLINE | PETROLEUM | 0 | GALLONS | 0 | GALLONS | SOIL |
| OTHER PETROLEUM | UNKNOWN | 1.00 | GALLONS | 0.00 | GALLONS | |

Caller Remarks:

caller states that they were digging on someone elses property and an oil came out of the ground con ed139898

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ROMMEL"
 E2MIS 139808

10/16/01 - 1500

R. WAUGH - 11480- CONST MGT, WHILE DIGGING TRENCH IN FRONT OF 136-35 35 AVE, FOUND APPROX 1 PT OF AN UNKNOWN OIL & GASOLINE MIXTURE MIXED WITH APPROX 1 PT OF WATER THAT ROSE UP FROM UNDER THE TRENCH INTO THE TRENCH. NO FIRE INVOLVED. NO PERSONAL PROPERTY AFFECTED. ERT BILL CAPUNE NOTIFIED AT 1600. S. ZALLOUGHI PAGED AT 1605. O.S. HUTCHINSON NOTIFIED AND WILL GO TO LOCATION WITH TAG & PAPERWORK. N.P. 0800 - 1100 THURS. TJ - 50495

Update - 10/16/01 -1650hrs - R. Hutchinson OS Env Ops report took samples for flashpoint and pcb. Dropping off at chemlab at this time.

10/16/01 1745hrs - R. Hutchinson reports tag # 31888 placed in trench. Trench was covered with metal plate to protect.

UPDATE 10-17-01 0800 HRS CHEM LAB #01-10058-001 FLASH POINT 184 DEG "F" LAZ # 04425

UPDATE 10-17-01 1000 HRS CHEM LAB #01-10056-001 PCB <1 PPM LAZ #

UPDATE 19-OCT-2001 14:35 M&C EH&S PROJ. SPEC. BHARAT MUKI EMP# 72227 REPORTS:

CHEM. LAB CHEMIST TOOK SAMPLES TO BE ANALYZED FOR- PCB, TPH, FULL TCIP & OIL ID.

UPON REVIEWING THE SAMPLE RESULTS THE TRENCH WILL REMAIN OPEN & CONTAMINATED SOIL WILL BE DISPOSED OF AT AN APPROVED FACILITY.

UPDATE - 22--OCT-2001 00:00 HRS. LSN# 01-10172-001, SAMPLE TYPE:SLUDGE - GRAB - ANALYSIS INDICATES A SUBSTANCE SIMILAR TO GASOLINE.

Benzene 91.12 ug/L EPA 624/8260B/1311

Carbon Tetrachloride < 10 ug/L EPA 624/8260B/1311

Chlorobenzene < 10 ug/L EPA 624/8260B/1311

Chloroform < 10 ug/L EPA 624/8260B/1311

1,2-Dichloroethane < 10 ug/L EPA 624/8260B/1311

1,1-Dichloroethene < 10 ug/L EPA 624/8260B/1311

Methyl Ethyl Ketone (MEK) < 50 ug/L EPA 624/8260B/1311

Tetrachloroethene < 10 ug/L EPA 624/8260B/1311

Trichloroethene < 10 ug/L EPA 624/8260B/1311

Vinyl Chloride < 10 ug/L EPA 624/8260B/1311

1,4-Dichlorobenzene < 10 ug/L EPA 624/8260B/1311

Lab Sequence Number: 01-10173-002

(TCLP) Semivolatiles Analysis by EPA 625/8270C/1311

TEST DESCRIPTION RESULT UNIT METHOD

o-Cresol < 1 ug/L EPA 625/8270C/1311

1,4-Dichlorobenzene < 1 ug/L EPA 625/8270C/1311

2,4-Dinitrotoluene < 1 ug/L EPA 625/8270C/1311

Hexachlorobenzene < 2 ug/L EPA 625/8270C/1311

Hexachlorobutadiene < 3 ug/L EPA 625/8270C/1311

Hexachloroethane < 5 ug/L EPA 625/8270C/1311

Nitrobenzene < 2 ug/L EPA 625/8270C/1311

Pentachlorophenol < 1 ug/L EPA 625/8270C/1311

Pyridine < 25 ug/L EPA 625/8270C/1311

2,4,5-Trichlorophenol < 1 ug/L EPA 625/8270C/1311

2,4,6-Trichlorophenol < 1 ug/L EPA 625/8270C/1311

Cresols < 2 ug/L

m,p-Cresol < 1 ug/L

Lab Sequence Number: 01-10173-003

(TCLP) RCRA Metals by EPA 200.7/200 Series/6010B/7000 Series

Arsenic as As < 1.0 mg/L EPA 6010B/7000SERIES

Barium as Ba < 10 mg/L EPA 6010B/7000SERIES

Cadmium as Cd < 0.1 mg/L EPA 6010B/7000SERIES

Chromium as Cr < 0.5 mg/L EPA 6010B/7000SERIES

Lead as Pb < 0.5 mg/L EPA 6010B/7000SERIES

Mercury as Hg < 0.02 mg/L EPA 245.1/7470-71

Selenium as Se < 1.00 mg/L EPA 6010B/7000SERIES

Silver as Ag < 0.5 mg/L EPA 6010B/7000SERIES

TPH by GC 727 mg/Kg ASTM D3328

UPDATE***** 10-24-01 LAB SEQ# 01-10171-001 <1.0PPM (SLUDGE)

UPDATE - 13-NOV-2001 14:51 HRS.

ENVIR. FLUSH DEPT. OPER. SUPV. B.HUTCHINSON EMP# 31591

REPORTS: SPOKE WITH BHARAT MUKHI PROJ. SPECIALIST EMP# 72227 , HASP IS BEING REVIEWED AT THIS TIME.

12/11/01 0910hrs

Update - Bharat Mukhi*, construction management reports hasp for this job was approved due to broken fire hydrant nearby, the job which was scheduled for 12/3/01 could not be completed because of water found in mh. Chem lab will be called to take water samples and based upon the results water will be flushed out and job will proceed at that time.

Map Identification Number 49 **MANHOLE # 11857**
 SANFORD AVE/MAIN STREET

Spill Number: 0504105
 QUEENS, NY NO ZIP PROVIDED

Close Date:

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 1401 feet to the S

ADDRESS CHANGE INFORMATION
 Revised street: NO CHANGE
 Revised zip code: UNKNOWN

Source of Spill: UNKNOWN
 Notifier Type: Responsible Party
 Caller Name:
 DEC Investigator: SKARAKHA

Spiller: UNKNOWN AT THIS TIME
 Notifier Name:
 Caller Agency:
 Contact for more spill info: ERT DESK MIKE DAUGHTERY

Spiller Phone:
 Notifier Phone:
 Caller Phone:
 Contact Person Phone: (212) 580-8383

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | | Penalty Recommended | |
|------------|---------------------|----------------|-------------------------|--|---------------------|--|
| 07/07/2005 | | UNKNOWN | NO | | NO | |

| Material Spilled | Material Class | Quantity Spilled | | Quantity Recovered | | Resource(s) Affected |
|-------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| | | Units | | Units | | |
| UNKNOWN PETROLEUM | PETROLEUM | 0 | GALLONS | 0 | GALLONS | SOIL |

Caller Remarks:

NO TO 5 QUESTIONS: CONED # 159607

DEC Investigator Remarks:

e2mis no 159607

7/7/05 0430HRS R.LAROCCO FOUND APPROX 2-QUARTS OF UNKNOWN OIL ON APPROX 1-INCH OF MUD IN MH-11857.IT APPEARS TO BE CONTAINED AT THIS TIME NO SEWERS OR WATERWAYS AFFECTED. 1-SAMPLE TAKEN ENVIR TAG#31439 PLACED. CLEANUP PENDING TEST RESULT.

UPDATE 7/7/05 11:05 HRS ENV SUPV ROM Q. REPORTS FINDING AN EARTHEN SUMP.

Lab Sequence Number: 05-06560-001 - TOTAL PCB 57 ppm

Map Identification Number 50 **REPAIR SHOP**
 34-48 LINDEN PL

Spill Number: 9608529
 FLUSHING, NY NO ZIP PROVIDED

Close Date:

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 1426 feet to the NNW

ADDRESS CHANGE INFORMATION
 Revised street: 3448 LINDEN PL
 Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING Spiller: UNKNOWN Spiller Phone:
 Notifier Type: Affected Persons Notifier Name: BRIAN COSTELLO Notifier Phone: (516) 249-3150
 Caller Name: DAWN MEDAGLIA Caller Agency: TYREE BRO ENVIO Caller Phone: (516) 249-3150 ext. 2
 DEC Investigator: iabelby Contact for more spill info: Contact Person Phone:

Spill Class: KNOWN RELEASE THAT CREATES POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | | Penalty Recommended | |
|------------|---------------------|----------------|-------------------------|--|---------------------|--|
| 10/09/1996 | | UNKNOWN | NO | | NO | |

| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
|-------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN PETROLEUM | PETROLEUM | 0 | GALLONS | 0 | GALLONS | SOIL |

Caller Remarks: CALLER DID BORING AND FOUND CONTAMINATED SOIL

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "M TIBBE"

Map Identification Number 51 **WILLETS POINT ASPHALT PL** **Spill Number: 0105316** **Close Date:**
 35-52 COLLEGE POINT BLVD FLUSHING, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION ADDRESS CHANGE INFORMATION
 Site location mapped by: ADDRESS MATCHING Revised street: 3552 COLLEGE POINT BLVD
 Approximate distance from property: 1597 feet to the W Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL Spiller: SAME Spiller Phone:
 Notifier Type: Other Notifier Name: Notifier Phone:
 Caller Name: Caller Agency: Caller Phone:
 DEC Investigator: iabelby Contact for more spill info: DONALD TREGO Contact Person Phone: (631) 447-6400

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | | Penalty Recommended | |
|------------|---------------------|----------------|-------------------------|--|---------------------|--|
| 08/16/2001 | | UNKNOWN | NO | | NO | |

| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| OTHER | OTHER | 0 | GALLONS | 0 | GALLONS | SOIL |

number closed out.

Map Identification Number 53 **FLUSHING INDUSTRIAL PARK**
 COLLEGE POINT AV/40TH RD

Spill Number: 0013545
 QUEENS, NY NO ZIP PROVIDED

Close Date:

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 1803 feet to the SW

ADDRESS CHANGE INFORMATION

Revised street: COLLEGE POINT BLVD/40TH RD
 Revised zip code: NO CHANGE

Source of Spill: UNKNOWN
 Notifier Type: Other
 Caller Name:
 DEC Investigator: SMSANGES

Spiller:
 Notifier Name:
 Caller Agency:
 Contact for more spill info: MIMI SOTIRIOU

Spiller Phone:
 Notifier Phone:
 Caller Phone:
 Contact Person Phone: (212) 340-9779

Spill Class: KNOWN RELEASE THAT CREATES POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | | Penalty Recommended | |
|------------|---------------------|----------------|-------------------------|--|---------------------|--|
| 03/27/2001 | | UNKNOWN | NO | | NO | |

| Material Spilled | Material Class | Quantity Spilled | | Quantity Recovered | | Resource(s) Affected |
|-------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| | | Units | | Units | | |
| UNKNOWN PETROLEUM | PETROLEUM | 0 | GALLONS | 0 | GALLONS | GROUNDWATER |

Caller Remarks:

found during a sub-surface investigation and installation of monitoring wells in the south west corner of the property
 contamination was found. ioana munteanu-ramnic of dec is mgr of
 the site

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "SANGESLAND"

Map Identification Number 54 **MH 596**
 41ST AVE & COLLEGE POINT

Spill Number: 0503331 **Close Date:**
 QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
 Site location mapped by: MANUAL MAPPING (4)
 Approximate distance from property: 1978 feet to the SW

ADDRESS CHANGE INFORMATION
 Revised street: 41ST AVE / COLLEGE POINT BLVD
 Revised zip code: UNKNOWN

| | | |
|----------------------------------|--|--------------------------------------|
| Source of Spill: UNKNOWN | Spiller: ERT DESK MIKE DAUGHTERY - CONED | Spiller Phone: (212) 580-8383 |
| Notifier Type: Responsible Party | Notifier Name: | Notifier Phone: |
| Caller Name: | Caller Agency: | Caller Phone: |
| DEC Investigator: GDBREEN | Contact for more spill info: ERT DESK MIKE DAUGHTERY | Contact Person Phone: (212) 580-8383 |

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | | Penalty Recommended | |
|------------|---------------------|----------------|-------------------------|--|---------------------|--|
| 06/18/2005 | | UNKNOWN | NO | | NO | |

| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
|-------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN PETROLEUM | PETROLEUM | 0 | GALLONS | 0 | GALLONS | SOIL |

Caller Remarks:

Two gals of unknown oil on 60 gals of water in a manhole. Contained to manhole 596. 159284.

DEC Investigator Remarks:

159284. 6/18/2005 00:50 HRS C. DACON #11325 FOD OPER REPORTS FINDING APPROX 2 GALS OF UNKNOWN OIL ON APPROX 60 GALS OF WATER IN M596. THIS WAS FOUND WHILE LOCATING A FAULT ON FDR 7Q82 ON ACCT# C3242. THERE WAS NO SMOKE, FIRE, OR INJURIES RELATED TO THE SPILL, NOR WERE ANY SEWERS, WATERWAYS, OR PRIVATE PROPERTY AFFECTED. THE SOURCE AND CAUSE OF THE SPILL IS UNKNOWN. THERE WERE NO SUBSTANTIAL CRACKS IN THE STRUCTURE AND THE STANDING WATER HAD NO MOVEMENT. THE EXISTENCE OF ANY SEWER CONNECTIONS, SUMPS, OR DRAINS COULD NOT BE VERIFIED AT THIS TIME. ENV STOP TAG # 31342 WAS PLACED AND ONE LIQUID SAMPLE TAKEN ON "E" PRIORITY FOR PCB ANALYSIS ON CHAIN OF CUSTODY # DD10524, AND CLEANUP IS PENDING LAB RESULTS. STRUCTURE IS IN MIDDLE OF STREET, ACCESS SURE. J ANDERSON

UPDATE 18-JUN-2005 08:18 HRS. LSN-05-05890-001 MATRIX : WATER GRAB. < 1. PPM C.HOGAN 07511

UPDATE 6/18/05 23:55 HRS ENV OPS J. WEISS REPORTS THAT THERE IS A LOT OF DEBRIS IN THIS STRUCTURE, THEREFORE THE CLEANUP WILL NOT BE COMPLETED WITHIN THE 24 HOUR TIME FRAME. INCIDENT TO BE REMOVED FROM THE 24 HOUR PROGRAM AND CLEANUP IS IN PROGRESS. J ANDERSON

UPDATE 6/18/05 23:59 HRS CIG L. COSTA NOTIFIED. J ANDERSON

Map Identification Number 55 **APT BUILDING**
 134-37 MAPLE AVE

Spill Number: 0311275 **Close Date:**
 FLUSHING, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 1982 feet to the S

ADDRESS CHANGE INFORMATION
 Revised street: 13437 MAPLE AVE
 Revised zip code: NO CHANGE

Source of Spill: UNKNOWN
 Notifier Type: Citizen
 Caller Name:
 DEC Investigator: MXTIPPLE

Spiller: PETER - APT BUILDING
 Notifier Name:
 Caller Agency:
 Contact for more spill info: MANAGEMENT OFFICE OF BUIL

Spiller Phone:
 Notifier Phone:
 Caller Phone:
 Contact Person Phone: (718) 424-5200

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | | Penalty Recommended | |
|------------|---------------------|----------------|-------------------------|--|---------------------|--|
| 01/02/2004 | | UNKNOWN | NO | | NO | |

| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
|-------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN PETROLEUM | PETROLEUM | 0 | GALLONS | 0 | GALLONS | SEWER |

Caller Remarks:

resident of buidling has stated that oil is coming out of boiler room and pour into a drain to a parking garage. people are stepping and spreading it around. he has notified the SUPER (PETER) and he stated there is nothing he could do.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TIPPLE"
 1/6/04 tipple attempted commumication seven times, spoke once with a representative of the building, the building rep agreed to be at the same phone number 15 minutes after the first communication with the name of the oil company that spilled the oil. Tipple tried to call and got an answering machine three times spaced 15 minutes apart and left messages on the machine. Tuesday morning Tipple attempted communication three more times.

1/8/04 tipple sent letter requesting documentation. Awaiting analyticals from borings and photos of cleaned site.

4/15/04 Second letter sent registered return receipt//4/19 letter signed for//

9/14/04 Tipple conducted a site visit, photographed the outside debris. The Bld. Super stated that he no longer had a key to the

boiler room and the person with the key was not available at the time. Tipple referred this case to legal affairs. ////

6/29/05 Attorney mtg //attorney arrived with no knowledge of situation//

7/27/05 MT updating// DEC Attorney Urda filed for penalty without hearing//PRP Attourney fails to respond

Map Identification Number 56 **39-08 JANET PLACE** **Spill Number: 9712812** **Close Date:**
 39-08 JANET PLACE FLUSHING, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (1)
 Approximate distance from property: 2058 feet to the WSW

ADDRESS CHANGE INFORMATION

Revised street: 3908 JANET PL
 Revised zip code: NO CHANGE

| | | |
|--|------------------------------------|------------------------------|
| Source of Spill: COMMERCIAL/INDUSTRIAL | Spiller: FLUSHING TRUCK REPAIR CTR | Spiller Phone: |
| Notifier Type: Other | Notifier Name: UNK CONTRACTOR | Notifier Phone: |
| Caller Name: SANDRA MARTINKAT | Caller Agency: NYSDEC | Caller Phone: (718) 482-4933 |
| DEC Investigator: JMROMMEL | Contact for more spill info: | Contact Person Phone: |

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;UNABLE/UNWILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | | Penalty Recommended | |
|------------|---------------------|----------------|-------------------------|--|---------------------|--|
| 02/17/1998 | | OTHER | NO | | NO | |

| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| DIESEL | PETROLEUM | 0 | GALLONS | 0 | GALLONS | SOIL |
| GASOLINE | PETROLEUM | 0 | GALLONS | 0 | GALLONS | SOIL |

Caller Remarks: tanks being removed. Possible contaminated soil on site. Contractor called about registration information, mentioned he must remove soil, get procedure for removal and registration, said he wasn't hired yet. I didn't write down his name (516#)

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ROMMEL"
 2/18/98 smart.:CONTRACTOR ADVISED OWNER TO COVER SOIL PILE. OWNER WANTED THEM TO SIGN AFFADAVIT BUTR CONTRACTOR REFUSED. ONWER SAID THAT THEY WOULD GET OTHER ESTIMATES BUT CONTRACTOR BELIEVES THAT THEY WILL GET RID OF SOIL THEMSELVES AND NOT RE-REGISTER. TIBBE MAY HAVE HANDLED INITIAL RESPONSE.

4/12/04-Vought-Spill transferred from Mulqueen to Rommel as per Rommel.

8/26/2004 Sangesland spoke to Christopher Seib of Whitestone Associates (908-668-7777) His firm is going to do the environmental investigation & remediation on this site. A new spill number was called in, but it was closed out and referenced back to 9712812.

Ref # 0405679 - now closed

NOTE THIS SITE WAS ALSO A PIN JOB - REF #9800087- MARK TIBBE

Map Identification Number 57 **AMOCO GAS STATION**
32-35 LINDEN PL

Spill Number: 9709908 **Close Date:**
FLUSHING, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 2148 feet to the NNW

ADDRESS CHANGE INFORMATION
Revised street: 3235 LINDEN PL
Revised zip code: NO CHANGE

| | | |
|-----------------------------------|--|--------------------------------------|
| Source of Spill: GASOLINE STATION | Spiller: AMOCO | Spiller Phone: |
| Notifier Type: Responsible Party | Notifier Name: KEITH BUTLER | Notifier Phone: (914) 273-2626 |
| Caller Name: KEITH BUTLER | Caller Agency: BALTECH ASSOC | Caller Phone: (914) 273-2626 |
| DEC Investigator: KMFOLEY | Contact for more spill info: ERIC LESMANIS | Contact Person Phone: (914) 273-2626 |

Spill Class: KNOWN RELEASE THAT CREATES POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | | Penalty Recommended | |
|------------|---------------------|----------------|-------------------------|--|---------------------|--|
| 11/25/1997 | | UNKNOWN | NO | | NO | |

| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| GASOLINE | PETROLEUM | 0 | GALLONS | 0 | GALLONS | SOIL |

Caller Remarks: based on concentrated readings from lab resulting from site testing

DEC Investigator Remarks:

03/17/03 REASSIGNED FROM MULQUEEN TO VOUGHT.

1/8/04 Reassigned from Vought to K Foley.

12/3/04 Issued certified letter requiring a subsurface investigation. Summary report to be submitted by 3/15/05.

12/14/04 Letter was returned undeliverable. Resent certified letter to 114-68 Roosevelt Ave. Summary report and PBS info to be submitted by 3/31/05.

1/19/05 Return receipt received.

3/14/05 Received investigation report dated 3/10/05 prepared by Tyree(631-249-3150). There are a total of eight existing MWs on-site. Tyree collected samples from the existing well network prior to conducting additional subsurface investigations. There are GW impacts in the area of wells MW-1 and MW-7. Wells MW-3 and MW-8 are downgradient of MW-1 and do not show contamination. Impacts appear delineated around MW-1. However, MW-7 needs to be further delineated.

Soil borings had been advanced in four locations (Baltec, 11/97) and identified high BTEX concentrations in two of the borings on the southwestern portion of the property(downgradient of MW-7).

The existing gasoline USTs are not the responsibility of Mr. Pilarinos. He is the owner of the property, not the operator of the station. A change in ownership form was submitted and forwarded to the PBS Dept. The existing USTs were tested on 11/30/04 by M.G. Consulting, P.E. The tanks and associated piping were field tested to determine effectiveness of cathodic protection which are operating. Results showed all were adequately protected.

North Cross Gas, Inc. is the current operator.

4/8/05 Spoke to Paul Hatcher, Tyree. Requested Tyree install two wells across Linden Place to delineate MW-7. Tyree will send a copy of Baltec report from 1998 which documents the installation of the existing on-site wells.

4/21/05 Received phonecall from M. Bitterman, District Mgr of CB7. Owner contacted CB7. The owner is leasing property and is contemplating selling for redevelopment. Wanted to know how to get an extension. I told her that the owner should request that his consultant formally request for a specific extension in writing.

5/30/05 Received letter from E. Housos, son in law of the owner. The owner is not in good health and E. Housos is requesting an extension until 9/05.

6/24/05 Jill Haimsen, Preferred Environmental Services(516-357-8200, cell 516-647-4211), will be sending in proposal to do additional delineation.

Map Identification Number 58 **AMOCO**
32-02 LINDEN PLACE

Spill Number: 9405188
FLUSHING, NY NO ZIP PROVIDED

Close Date:

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 2221 feet to the NNW

ADDRESS CHANGE INFORMATION
Revised street: 3202 LINDEN PLACE
Revised zip code: NO CHANGE

Source of Spill: UNKNOWN Spiller: AMOCO SERVICE STATION Spiller Phone:
 Notifier Type: Other Notifier Name: Notifier Phone:
 Caller Name: MOHAMED AHMED Caller Agency: A.K.R.F. Caller Phone: (212) 340-9812
 DEC Investigator: KMFOLEY Contact for more spill info: Contact Person Phone:

Spill Class: POSSIBLE REL WITH MIN POTENTIAL FOR FIRE OR HAZARD (OR KNOWN REL W/ NO DAMAGE);NO DEC RESP;WILLING RP;CORR ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | | Penalty Recommended | |
|------------------|---------------------|------------------|-------------------------|--------------------|---------------------|----------------------|
| 07/12/1994 | | UNKNOWN | NO | | NO | |
| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
| GASOLINE | PETROLEUM | -1.00 | POUNDS | 0.00 | POUNDS | GROUNDWATER |

Caller Remarks: DISCOVERED ON SITE SAMPLING & SENT TO LAB FOR ANALYSIS

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "K FOLEY"
 3/14/03 REASSIGNED FROM MILLER TO VOUGHT .

1/8/04 Reassigned from Vought to K Foley.

Map Identification Number 59 **FARRINGTON ST. FLUSH TRUC** **Spill Number: 9515218** **Close Date:**
 32ND AVE QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 2244 feet to the NNW

ADDRESS CHANGE INFORMATION
 Revised street: FARRINGTON ST / 32ND AVE
 Revised zip code: 11354

Source of Spill: COMMERCIAL/INDUSTRIAL Spiller: RICHARD ROACH - CON ED Spiller Phone: (212) 580-6764
 Notifier Type: Responsible Party Notifier Name: CON ED Notifier Phone: (212) 580-6763
 Caller Name: STEVE ROMERO Caller Agency: CON ED Caller Phone: (212) 580-6763
 DEC Investigator: JHOCONNE Contact for more spill info: Contact Person Phone:

Spill Class: KNOWN RELEASE THAT CREATES POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | | Penalty Recommended | |
|------------|---------------------|----------------|-------------------------|--|---------------------|--|
| 02/22/1996 | | UNKNOWN | NO | | NO | |

| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
|-------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN PETROLEUM | PETROLEUM | 0 | GALLONS | 0 | GALLONS | SOIL |

 Caller Remarks: drilling was done on thursday for some joint effort bwtn dec and con ed - found was a petroleum smell in the soil and a sheen on top of the ground water

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"

| | | | |
|---|--|---|--------------------|
| Map Identification Number 60 | FARRINGTON ST & 132ND AVE | Spill Number: 0011678 | Close Date: |
| | | BROOKLYN, NY NO ZIP PROVIDED | |
| MAP LOCATION INFORMATION Site location mapped by: ADDRESS MATCHING Approximate distance from property: 2244 feet to the NNW | | ADDRESS CHANGE INFORMATION Revised street: FARRINGTON ST / 32ND AVE Revised zip code: 11354 | |
| Source of Spill: UNKNOWN | Spiller: | Spiller Phone: | |
| Notifier Type: Affected Persons | Notifier Name: | Notifier Phone: | |
| Caller Name: | Caller Agency: | Caller Phone: | |
| DEC Investigator: OKWUOHA | Contact for more spill info: SEAN MCKEEVER | Contact Person Phone: (212) 580-6763 | |

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 01/29/2001 | | UNKNOWN | NO | NO |

| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
|-------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN PETROLEUM | PETROLEUM | 1.00 | GALLONS | 0.00 | GALLONS | SOIL |

 Caller Remarks:

1 QT TOTAL PRODUCT - SAMPLES TAKEN - CLEANUP PENDING

CON ED # 135288

 DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 61 **MANHOLE # 16057**
UNION ST 32 AVE

Spill Number: 0503936 **Close Date:**
QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 2392 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: UNION ST / 32ND AVE
Revised zip code: UNKNOWN

Source of Spill: UNKNOWN
Notifier Type: Responsible Party
Caller Name:
DEC Investigator: GDBREEN

Spiller:
Notifier Name:
Caller Agency:
Contact for more spill info: ERT DESK MIKE DAUGHTERY

Spiller Phone:
Notifier Phone:
Caller Phone:
Contact Person Phone: (212) 580-8383

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | | Penalty Recommended | |
|------------|---------------------|----------------|-------------------------|--|---------------------|--|
| 07/01/2005 | | UNKNOWN | NO | | NO | |

| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
|-------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN PETROLEUM | PETROLEUM | 1.00 | GALLONS | 0.00 | GALLONS | SOIL |

Caller Remarks:

1 GALLON OF UNKNOWN PETROLEUM ON 1000 GALLONS OF WATER. cLEANUP PENDING TANKER. 159538

DEC Investigator Remarks:

159538 7/1/05 - 1450. J. SEYFRIED - 08371 - U.G. SPLICER, WHILE DOING PREINSPECTS ON FDR 7Q84 (ACCT: C7297), REPORTS FINDING APPROX 1 GAL OF AN UNKNOWN OIL ON APPROX 1000 GALS OF WATER IN MH16057. SPILL IS CONTAINED. NO SEWERS OR WATERWAYS AFECTED. NO FIRE OR SMOKE INVOLVED. NO INJURIES. NO PRIVATE PROPERTY AFFECTED. NO MOVEMENT IN THE WATER. CANNOT VERIFY THE EXISTENCE OF ANY SEWER CONNECTIONS, SUMPS OR DRAINS. TAG # 45169 PLACED IN STRUCTURE. PCB SAMPLE TAKEN. CHAIN OF CUSTODY FORM # DD21851 FILLED OUT AND MARKED 'E' PRIORITY. CLEANUP PENDING LAB RESULT. TJ - 50495

7/01/2005 19:24 HRS. RECEIVED PCB RESULTS 1 PPM, AROCLOR 1254, LAB SEQ # 05-06392-001. -- W.W. #17344 --

7/2/05 1110 HRS T.COLUMBIA O.S. ENVIR OPPTS REPORTS INCIDENT TO BE TAKEN OFF 24HR DEC PROGRAM DUE TO NO TANKER AVAILABLE TILL NEXT SHIFT 3-11 . WILL NOT MEET THE CLOCK. G DONATONE

Map Identification Number 62 **133-15 32ND AVE/USPS**
 133-15 32ND AVE/USPS

Spill Number: 9108658 **Close Date:**
 FLUSHING, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 2490 feet to the NW

ADDRESS CHANGE INFORMATION
 Revised street: 13315 32ND AVE
 Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER
 Notifier Type: Other
 Caller Name: J DAMANTI
 DEC Investigator: JMROMMEL

Spiller:
 Notifier Name:
 Caller Agency: UNICO ENV
 Contact for more spill info:

Spiller Phone:
 Notifier Phone:
 Caller Phone: (516) 864-1772
 Contact Person Phone:

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | | Penalty Recommended | |
|------------|---------------------|----------------|-------------------------|--|---------------------|--|
| 11/13/1991 | | UNKNOWN | NO | | NO | |

| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
|------------------|----------------|------------------|--------|--------------------|--------|----------------------|
| GASOLINE | PETROLEUM | -1.00 | POUNDS | 0.00 | POUNDS | SOIL |

Caller Remarks:
 SOIL BEING STOCKPILED. UNKNOWN SLUDGE IN TIPPED OVER DRUMS, ON SITE

DEC Investigator Remarks:
 Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ROMMEL C"
 4/12/04-Vought-Spill transferred from Miller to Rommel as per Rommel.

Map Identification Number 63 **SETTLING BASIN**
 31-43 FARRINGTON ST

Spill Number: 9612691 **Close Date:**
 QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 2507 feet to the NNW

ADDRESS CHANGE INFORMATION
 Revised street: 3143 FARRINGTON ST
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL
 Notifier Type: Responsible Party
 Caller Name: PAT MCHUGH
 DEC Investigator: JHOCONNE

Spiller: TIM SOILCH - CON ED
 Notifier Name: TOM MIMNAGH
 Caller Agency: CON ED
 Contact for more spill info: TOM MIMNAGH

Spiller Phone: (212) 580-6764
 Notifier Phone: (718) 830-8679
 Caller Phone: (212) 580-6763
 Contact Person Phone: (718) 830-8679

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | | Penalty Recommended | |
|----------------------------|---------------------|------------------|-------------------------|--------------------|---------------------|----------------------|
| 01/25/1997 | | OTHER | NO | | NO | |
| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
| UNKNOWN HAZARDOUS MATERIAL | HAZARDOUS MATERIAL | 0 | GALLONS | 0 | GALLONS | SEWER |

Caller Remarks: SETTLING BASIN FOR FLUSH TRUCK DUMPING BACKING UP DUE TO RAIN - NOW BACKING INTO CITY SEWER SYSTEM - UNK IF ANY CHEMICALS ARE IN RAIN WATER - NO CONTACT NECESSARY

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"
9/30/97: TRANSFERRED FROM KATZ TO O'CONNELL

E2MIS 103460

January 25 1997

NOTE ORACLE SYSTEM NOT WORKING UNTIL MORNING OF 1/25

At 2200 hrs on 1/24 the control center received alarms about high water levels in the primary flush pit. At 2300 HRS John Dekanchuk, 77899 Flush supervisor, reported that there was a problem with the silt, He found some blockage due to silt, causing to water level to rise. At 0001 HRS on 1/25/97 Flush trucks began to take untreated waste water out of the main tank to bring the water down. These two trucks filled up and had to go to Brooklyn Flush pit to dump.

Flush Supervisor Bob Salidino, 62620 remained on the site. At 0330 HRS Bob Salidino reported that heavy rains had caused the main tank to overflow.

Unfiltered water had run off into the street and entered the storm sewer system. This lasted for 10 minutes. Shift Manager T. Mimmagh notified CIG of the incident. The amount of water that entered the storm sewer could not be estimated. R.Salidino took samples of the water released for future tests. At 0415 HRS Distribution Services was dispatched to lay sand bags at the gate of the Farrington St. yard. At 505 HRS Lieutenant Cefell of the Coast Guard called inquiring about the incident. He asked that the Coast Guard be notified if there was another release (212) 668-7913. At 0530 HRS R. Salidino reported that the water level had dropped about six inches in the main tank. Flush trucks returned from Brooklyn will take more water to further drop the level of

the main tank. At 0700hrs Mr. Odea of the DEP called to ask if the DEP should respond. I referred him to CIG and Central Environmental people. I have him the flush truck office phone in case he had specific technical questions on the operation of the pits. At 0742 R. Saladino called to report that the Coast Guard had visited the site. Mr. Lucarino and Mr. Lindberg inspected the site and told Mr. Saladino that they were satisfied that everything was all right.

01/27/97 0100 hrs

Correction to previous record....

The overflow in Farrington St. yard occurred from gratings near the main gate and not from the main tank as noted. This information was logged incorrectly at the time the incident occurred.

| | | | |
|---|--|--------------------------------------|--------------------|
| Map Identification Number 64 | P BOX 2940 | Spill Number: 0504651 | Close Date: |
| | 35TH AV/147TH ST | QUEENS, NY NO ZIP PROVIDED | |
| MAP LOCATION INFORMATION | | ADDRESS CHANGE INFORMATION | |
| Site location mapped by: ADDRESS MATCHING | | Revised street: NO CHANGE | |
| Approximate distance from property: 2588 feet to the NE | | Revised zip code: UNKNOWN | |
| Source of Spill: UNKNOWN | Spiller: UNKNOWN | Spiller Phone: | |
| Notifier Type: Other | Notifier Name: | Notifier Phone: | |
| Caller Name: | Caller Agency: | Caller Phone: | |
| DEC Investigator: GDBREEN | Contact for more spill info: ERT DESK' | Contact Person Phone: (212) 580-8383 | |

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | | Penalty Recommended | |
|-------------------|---------------------|------------------|-------------------------|--------------------|---------------------|----------------------|
| 07/18/2005 | | UNKNOWN | NO | | NO | |
| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
| UNKNOWN PETROLEUM | PETROLEUM | 0 | GALLONS | 0 | GALLONS | SOIL |

Caller Remarks:

2 qts of unkn oil. coming off 24hr clock due to defaulted feeder. clean-up to be completed when feeder is repaired. con ed ref 159813. no to 5 questions

DEC Investigator Remarks:

159813. 7-18-05 13:50 HRS. R. LISTL 09450 (Ug) REPORTS, FOUND TWO QUARTS OF UNKNOWN OIL ON

30 GALLONS OF WATER IN P-BOX 2940. AT THIS TIME OIL APPEARS TO BE CONTAINED AND NO SEWERS OR WATERWAYS WERE AFFECTED. OIL WAS DISCOVERED WHILE PRE INSPECTING FOR FEEDER 7Q87. NO INJURIES WERE RELATED TO SPILL WITH NO WEATHER CONDITIONS CONTRIBUTING TO THE HAZARD OF THE SPILL. THERE IS A JOINT IN STRUCTURE BUT CAN NOT DETERMINE IF THERE IS ANYTHING LEAKING FROM IT. ENV STOP TAG# 47532 WAS PLACED, AND THE STANDING WATER THAT IS PRESENT HAS NO MOVEMENT. ONE LIQUID SAMPLE WAS TAKEN ON A E PRIORITY AND CLEANUP PENDING LAB RESULTS. S. PACE 49874.

UPDATE 7/18/05 14:30 HRS R. LISTL REPORTS THE THAT THE LOCATION IS E/O 147 ST NOT W/O, INCIDENT CORRECTED. J ANDERSON

7/18/05 2107 HRS LAB RESULT RETURNED <1PPM LSN-05-07318-001

7/18/05 0140 HRS J.WEHISS ENVIR OPPS REPORTS D-FAULT TAG#02133 WAS FOUND ON FEEDER 7Q87.

UPDATE 7-19-05 06:00 HRS THIS JOB WILL BE TAKEN OFF THE 24HR CLOCK DUE TO LEAKING JOINT. S. PACE 49874.



ACTIVE HAZARDOUS SPILLS - MISC. SPILL CAUSES - EQUIPMENT FAILURE, HUMAN ERROR, TANK OVERFILL, DELIBERATE SPILL, TRAFFIC ACCIDENT, HOUSEKEEPING, ABANDONED DRUM, AND VANDALISM - IDENTIFIED WITHIN 1/2 MILE SEARCH RADIUS.
 All spills mapped and profiled within 1/4 mile. Between 1/4 mile and 1/2 mile search radius, spills reported to be greater than 100 units and spills reported in the NYSDEC Fall 1998 MTBE Survey are mapped and profiled. Spills reported to be less than 100 units are listed in a table at the end of this section.

Please Note: * - Compass directions can vary substantially for sites located very close to the subject property address.

Map Identification Number 65 **1 LIBRARY PLAZA**
 MAIN ST & KISSENA BLVD

Spill Number: 9512786 **Close Date:**
 FLUSHING, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 727 feet to the SSW

ADDRESS CHANGE INFORMATION
 Revised street: MAIN ST / KISSENA BLVD
 Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER
 Notifier Type: Local Agency
 Caller Name: JOHN MALIZIA
 DEC Investigator: MCTIBBE

Spiller:
 Notifier Name: JOHN MALIZIA
 Caller Agency: HELP ENGINEERS/ENVIRONMEN
 Contact for more spill info: BARRY ARONOWITZ

Spiller Phone:
 Notifier Phone:
 Caller Phone: (718) 448-3400
 Contact Person Phone: (718) 852-8500

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|-------------------|-------------------------|---------------------|
| 01/12/1996 | | EQUIPMENT FAILURE | NO | NO |

| Material Spilled | Material Class | Quantity Spilled | | Quantity Recovered | | Resource(s) Affected |
|-------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| | | Units | | Units | | |
| UNKNOWN PETROLEUM | PETROLEUM | 0 | GALLONS | 0 | GALLONS | SOIL |

Caller Remarks: Unsure of cause, possibly from leaking pipes.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "M TIBBE"

Map Identification Number 66 **M P G SERVICE STATION**
 136-35 35TH AVENUE

Spill Number: 9811636
 FLUSHING, NY NO ZIP PROVIDED

Close Date:

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 1092 feet to the NNW

ADDRESS CHANGE INFORMATION
 Revised street: 13635 35TH AVENUE
 Revised zip code: NO CHANGE

Source of Spill: GASOLINE STATION
 Notifier Type: Other
 Caller Name: THOMAS LEDDY
 DEC Investigator: JBVOUGHT

Spiller: ALLEN BELSKY - M P G SERVICE STATION
 Notifier Name: THOMAS LEDDY
 Caller Agency: PROTEST ENTERPRISES
 Contact for more spill info: ALLEN BELSKY

Spiller Phone: (718) 539-4885
 Notifier Phone: (516) 321-4670
 Caller Phone: (516) 321-4670
 Contact Person Phone: (718) 539-4885

Spill Class: KNOWN RELEASE THAT CREATES POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | PBS # Involved | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|----------------|-------------------------|---------------------|
| 12/15/1998 | | HOUSEKEEPING | 2-349291 | NO | NO |

| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| GASOLINE | PETROLEUM | 0 | GALLONS | 0 | GALLONS | SOIL |

Caller Remarks: SOIL CONTAMINATION FOUND DURING REMOVAL OF TWELVE 550 GALLON UNDERGROUND STORAGE TANKS. 100 YARDS OF SOIL STOCKPILED SO FAR. FURTHER REMEDIATION TO FOLLOW AS NECESSARY.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "VOUGHT" DID NOT NOTIFY TO DEC FOR TANK REMOVAL.

04/12/04

TRANSFERRED FROM TIBBE TO VOUGHT.

Map Identification Number 67 **QUEENS EAST 11A DOS -DDC**
 134-25 35TH AVENUE

Spill Number: 9416190
 QUEENS, NY NO ZIP PROVIDED

Close Date:

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 1261 feet to the NW

ADDRESS CHANGE INFORMATION
 Revised street: 13425 35TH AVENUE
 Revised zip code: NO CHANGE

| | | |
|--|----------------------------------|------------------------------|
| Source of Spill: COMMERCIAL/INDUSTRIAL | Spiller: NYC DEPT. OF SANITATION | Spiller Phone: |
| Notifier Type: Other | Notifier Name: | Notifier Phone: |
| Caller Name: WILLIAM FENNELL | Caller Agency: LARA MCGOVERN | Caller Phone: (718) 937-3286 |
| DEC Investigator: ADZHITOM | Contact for more spill info: | Contact Person Phone: |

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | | Penalty Recommended | |
|------------------|---------------------|-------------------|-------------------------|--------------------|---------------------|----------------------|
| 03/15/1995 | | EQUIPMENT FAILURE | NO | | NO | |
| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
| #2 FUEL OIL | PETROLEUM | -1.00 | GALLONS | 0.00 | GALLONS | SOIL |

Caller Remarks: SPILL OCCURRED IN 1991 - 2,000 GALLON TANK SHIPPED AND LEAK IN FILL PORT LINE.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "KOLLEENY"
 03/31/95: CONTAMINATED SOILS WERE FOUND WHEN CLOSING UST'S.

04/12/95: 4000 GAL DIESEL FAILED TIGHTNESS TESTING, WILL PUMP PRODUCT IN THE MORNING, #95-00504, #94-16972 (3/31/95).

04/12/95: RETESTED THE 4000 GAL DIESEL AND IT FAILED, METHOD USED US1, # 95-00509.

LiRo installed and operated an SVE system to address soil contamination. LiRo advanced soil confirmation borings in May 2003 and samples were non-detect. J. Kolleen approved shut down of the SVE system, with continued semi-annual groundwater monitoring, on 9/17/03. In semi-annual monitoring report for period July - December 2004, LiRo recommended NFA. Kolleeny rejected in letter dated 2/28/05, since groundwater continuation, while relatively low, does not show a clearly decreasing trend.

This site transferred from Kolleeny to A. Zhitomirsky on 4/15/05. - JK

Map Identification Number 68 **IN FRONT OF**
 140-75 ASH AVE/BOUND STRE

Spill Number: 0503107 **Close Date:**
 QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
 Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 2191 feet to the SE

ADDRESS CHANGE INFORMATION
 Revised street: 14075 ASH AVE
 Revised zip code: UNKNOWN

Source of Spill: COMMERCIAL VEHICLE Spiller: ERT DESK MIKE DAUGHTERY - IN FRONT OF Spiller Phone: (212) 580-8383
 Notifier Type: Responsible Party Notifier Name: Notifier Phone:
 Caller Name: Caller Agency: Caller Phone:
 DEC Investigator: SKARAKHA Contact for more spill info: ERT DESK MIKE DAUGHTERY Contact Person Phone: (212) 580-8383

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | | Penalty Recommended | |
|------------|---------------------|-------------------|-------------------------|--|---------------------|--|
| 06/14/2005 | | EQUIPMENT FAILURE | NO | | NO | |

| Material Spilled | Material Class | Quantity Spilled | | Quantity Recovered | | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| | | Units | | Units | | |
| UNKNOWN MATERIAL | OTHER | 100.00 | GALLONS | 100.00 | GALLONS | SOIL |

Caller Remarks:

WATER AND OIL MIX THAT LEAKED TO ASPHALT. HAS BEEN CLEANED UP. LAKED FROM A FLUSH TRUCK. NO TO FIVE QUESTIONS. CON ED#159178

DEC Investigator Remarks:

e2mis no 159178

N. GIORGIANI 90225 (ENV OPS) REPORTS, WHILE CLEANING V6710 ,1.0 PPM FOR INCIDENT (159155) FROM DEBRIS, TANK OF TRUCK 60624 LEAKED APPROX 100 GALLONS OF MIXED WATER & OIL ONTO STREET. NO SEWERS OR WATERWAYS WERE AFFECTED AND DIAPERS AND OIL ABSORBENTS WERE PLACED. CLEANUP PENDING STREET CLEANUP.

UPDATE 06-14-05 11:35HRS

R. QUIJIJUE REPORTS, CLEANUP COMPLETED USING SAFE CLEAN, JOB 100% COMPLETED. TRUCK STOPPED LEAKING AND WILL BE RETURNING TO FARRINGTON YARD TO INSPECT THE DOOR

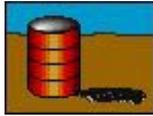
UPDATE 06-14-05 12:05HRS

TRUCK 60624 LEFT YARD EMPTY AND WHILE CLEANING V6710 OF FIVE GALLONS OF UNKNOWN OIL ON 100 GALLONS OF WATER, TRUCK SPRUNG A LEAK OF 100 GALLONS OF CLEAN WATER ONTO STREET. PRODUCT WAS SOLIDIFIED BEFORE IT WAS REMOVED FROM STRUCTURE, R. QUIJIJUE ENV OPS (SUPERVISOR) VARIFIED THAT ORIGINAL REPORT WAS INCORRECT, HE CLAIMS ABSOLUTLEY NO OIL TRACES IN WATER IN STREET.

THE FOLLOWING ACTIVE SPILLS FOR THIS CATEGORY WERE REPORTED BETWEEN 1/4 MILE AND 1/2 MILE SEARCH RADIUS FROM THE SUBJECT ADDRESS. THESE SPILLS WERE REPORTED TO BE LESS THAN 100 UNITS IN QUANTITY AND CAUSED BY: EQUIPMENT FAILURE, HUMAN ERROR, TANK OVERFILL, DELIBERATE SPILL, TRAFFIC ACCIDENT, HOUSEKEEPING, ABANDONED DRUM, OR VANDALISM. THESE SPILLS ARE NEITHER MAPPED NOR PROFILED IN THIS REPORT.

| FACILITY ID | FACILITY NAME | STREET | CITY |
|-------------|-------------------|-------------------------|----------|
| 9904933 | VAULT 3711 | WEST SIDE UNION/SANFORD | QUEENS |
| 9514109 | APARTMENT COMPLEX | 144-24 37TH AVE | FLUSHING |

| | | | |
|---------|-----------------------|---------------------------|---------------|
| 9709624 | BP AMOCO STATION | 39-14 COLLEGE POINT BLVD | FLUSHING |
| 7900995 | WILLETS POINT ASPHALT | COLLEGE PT BLVD | COLLEGE POINT |
| 0314233 | | 133-17 SANFORD AVE | QUEENS |
| 9414604 | UNION PLAZA REALTY | 33-23 UNION STREET | FLUSHING |
| 0500938 | VAULT #8011 | 34TH AVE AND PARSONS BOUL | QUEENS |
| 9811507 | TALLMAN REGULATOR 57 | FLUSHING BAY | QUEENS |
| 9907810 | FLUSHING SUB STATION | 34-30 COLLEGE POINT BLVD | FLUSHING |
| 0110427 | APARTMENT HOUSE | 144-60 SANFORD AVE | QUEENS |
| 0503086 | MANHOLE 10973 | 32ND AV/LINDEN PLACE | QUEENS |
| 0503523 | MANHOLE # 11980 | 33RD AVE/PARSONS BLVD. | QUEENS |
| 0110427 | APARTMENT HOUSE | 144-60 SANFORD AVE | QUEENS |
| 0109499 | MANHOLE | 32ND AVE & DOWNING ST | QUEENS |
| 0304906 | EXXONMOBIL #12148 | 147-10 NORTHERN BLVD | FLUSHING |
| 0503907 | MANHOLE#1467 | 33RD AVE/145 ST | QUEENS |
| 0502796 | BOILER ROOM | 147-37 38TH AVE | QUEENS |



CLOSED STATUS TANK FAILURES IDENTIFIED WITHIN 1/2 MILE SEARCH RADIUS

Please Note: * - Compass directions can vary substantially for sites located very close to the subject property address.

Map Identification Number 69 **141-54 NORTHERN BLVD.**
 141-54 NORTHERN BLVD.

Spill Number: 9211069 **Close Date: 03/04/1993**
 FLUSHING, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
 Site location mapped by: MANUAL MAPPING (1)
 Approximate distance from property: 1281 feet to the NE

ADDRESS CHANGE INFORMATION
 Revised street: 14154 NORTHERN BLVD.
 Revised zip code: NO CHANGE

Source of Spill: GASOLINE STATION
 Notifier Type: Tank Tester
 Caller Name: CHARLES PRICE
 DEC Investigator: O'DOWD

Spiller: N. PARSON GAS MART
 Notifier Name:
 Caller Agency: ISLAND PUMP AND TANK
 Contact for more spill info:

Spiller Phone:
 Notifier Phone:
 Caller Phone: (516) 261-1590
 Contact Person Phone:

Spill Class: KNOWN RELEASE THAT CREATES POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 12/23/1992 | 03/04/1993 | TANK FAILURE | UNKNOWN | NO |

| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| GASOLINE | PETROLEUM | -1.00 | UNKNOWN | 0.00 | UNKNOWN | SOIL |

Caller Remarks:

WILL NOTIFY NYC FO - EXCAVATE - ISOLATE - RETEST. 12/31/92 9:25 AM LM FOR MARIA QUINA 516-942-4141.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 70 **41-60 MAIN ST/GREENPOINT**
 41-60 MAIN ST/GREENPOINT

Spill Number: 9201644
 FLUSHING, NY NO ZIP PROVIDED

Close Date: 07/10/1992

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 1407 feet to the S

ADDRESS CHANGE INFORMATION
 Revised street: 4160 MAIN ST
 Revised zip code: 11355

Source of Spill: COMMERCIAL/INDUSTRIAL
 Notifier Type: Other
 Caller Name: DONNA DEROSA
 DEC Investigator: O'DOWD

Spiller: GREENPOINT SAVINGS BANK
 Notifier Name:
 Caller Agency: IES TRANS
 Contact for more spill info:

Spiller Phone:
 Notifier Phone:
 Caller Phone: (516) 242-1719
 Contact Person Phone:

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 05/11/1992 | 07/10/1992 | TANK FAILURE | UNKNOWN | NO |

| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| #2 FUEL OIL | PETROLEUM | -1.00 | GALLONS | 0.00 | GALLONS | SOIL |

Caller Remarks:

CONTMINATED SOIL DISCOVERED DURING TANK PULL.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 71 **LATIMER GARDENS**
 3445 LINDEN PLACE

Spill Number: 9008380
 NEW YORK CITY, NY NO ZIP PROVIDED

Close Date: 09/22/1994

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 1454 feet to the NNW

ADDRESS CHANGE INFORMATION
 Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER
 Notifier Type: Tank Tester
 Caller Name: SEBASTIAN LOREFICE
 DEC Investigator: HEALY

Spiller: NYCHA
 Notifier Name:
 Caller Agency: TANK TESTING INC
 Contact for more spill info:

Spiller Phone: (212) 306-3142
 Notifier Phone:
 Caller Phone: (718) 789-3770
 Contact Person Phone:

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | PBS # Involved | Meets Cleanup Standards | Penalty Recommended | |
|------------------|---------------------|------------------|----------------|-------------------------|---------------------|----------------------|
| 10/31/1990 | 09/22/1994 | TANK FAILURE | 2-475548 | UNKNOWN | NO | |
| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
| #4 FUEL OIL | PETROLEUM | -1.00 | UNKNOWN | 0.00 | UNKNOWN | SOIL |

TANK TEST INFORMATION

| Tank Number | Tank Size | Tank Test Method | Leak Rate | Gross Leak or Failure |
|-------------|-----------|------------------|-----------|-----------------------|
| 001 | | Unknown | 0.00 | UNKNOWN |

Caller Remarks:

15K TANK FAILED HORNER EZY CHECK WITH A GROSS LEAK, VISUAL LEAK AT MANHOLE, TO INVESTIGATE & POSSIBLY REPAIR.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 72 **4165 MAIN ST/QUEENS/USPS** **Spill Number: 8906199** **Close Date: 12/11/1998**
 4165 MAIN STREET NEW YORK CITY, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 1466 feet to the S

ADDRESS CHANGE INFORMATION
 Revised street: NO CHANGE
 Revised zip code: NO CHANGE

| | | |
|--|---------------------------------------|-------------------------------|
| Source of Spill: COMMERCIAL/INDUSTRIAL | Spiller: USPS | Spiller Phone: (718) 213-5016 |
| Notifier Type: Tank Tester | Notifier Name: | Notifier Phone: |
| Caller Name: MILVERTON CHATTOO | Caller Agency: PAN AM ENVIRON SYSTEMS | Caller Phone: (800) 451-3156 |
| DEC Investigator: TOMASELLO | Contact for more spill info: | Contact Person Phone: |

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended | | |
|------------------|---------------------|------------------|-------------------------|---------------------|---------|----------------------|
| 09/22/1989 | | TANK FAILURE | NO | NO | | |
| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
| #2 FUEL OIL | PETROLEUM | 20.00 | GALLONS | 0.00 | GALLONS | GROUNDWATER |

Map Identification Number 74 **PITTSTON/METRO COL. PT.**
 COLLEGE PT / 37TH AVE

Spill Number: 8000814 **Close Date: 10/29/1987**
 COLLEGE POINT, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 1568 feet to the WSW

ADDRESS CHANGE INFORMATION
 Revised street: COLLEGE POINT BLVD/ 37TH AVE
 Revised zip code: UNKNOWN

Source of Spill: NON-MAJOR FACILITY (>1100 GAL)
 Notifier Type: Other
 Caller Name:
 DEC Investigator: UNASSIGNED

Spiller: PITTSTON/METROPOITAN OIL
 Notifier Name:
 Caller Agency:
 Contact for more spill info:

Spiller Phone: (212) 674-41
 Notifier Phone:
 Caller Phone:
 Contact Person Phone:

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | | Penalty Recommended | |
|------------|---------------------|----------------|-------------------------|--|---------------------|--|
| 09/04/1980 | 12/16/1986 | TANK FAILURE | UNKNOWN | | NO | |

| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
|------------------|----------------|------------------|--------|--------------------|--------|----------------------|
| #2 FUEL OIL | PETROLEUM | 0 | POUNDS | 0 | POUNDS | GROUNDWATER |

Caller Remarks:
 DEEMED UNCOLLECTIBLE BY ATTORNEY GENERAL

DEC Investigator Remarks:
 Prior to Sept, 2004 data translation this spill Lead_DEC Field was " "
 / / : PIN-311.

Map Identification Number 75 **LEAVITT HOUSES**
 139-10 34TH AVENUE

Spill Number: 9008383 **Close Date: 04/26/1995**
 NEW YORK CITY, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 1765 feet to the N

ADDRESS CHANGE INFORMATION
 Revised street: 13910 34TH AVENUE
 Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER
 Notifier Type: Tank Tester
 Caller Name: SEBASTIAN LOREFICE
 DEC Investigator: HEALY

Spiller: NYCHA
 Notifier Name:
 Caller Agency: TANK TESTING INC
 Contact for more spill info:

Spiller Phone:
 Notifier Phone:
 Caller Phone: (718) 789-3770
 Contact Person Phone:

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | PBS # Involved | | Meets Cleanup Standards | | Penalty Recommended |
|------------------|---------------------|------------------|----------------|--------------------|-------------------------|----------------------|---------------------|
| 10/31/1990 | 04/26/1995 | TANK FAILURE | 2-475521 | | UNKNOWN | | NO |
| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected | |
| #2 FUEL OIL | PETROLEUM | -1.00 | UNKNOWN | 0.00 | UNKNOWN | SOIL | |

TANK TEST INFORMATION

| Tank Number | Tank Size | Tank Test Method | Leak Rate | Gross Leak or Failure |
|-------------|-----------|------------------|-----------|-----------------------|
| 001 | | Unknown | 0.00 | UNKNOWN |

Caller Remarks:

5K TANK FAILED HORNER EZY CHECK WITH A GROSS LEAK, VISUAL LEAK AT MANHOLE. SEE SPILL # 9108997.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 76 **PROPSD FLUSHING PROMANON** **Spill Number: 0405679** **Close Date: 08/26/2004**
 39-08 JANET PLACE FLUSHING, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
 Site location mapped by: MANUAL MAPPING (1)
 Approximate distance from property: 2058 feet to the WSW

ADDRESS CHANGE INFORMATION
 Revised street: 3908 JANET PL
 Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING Spiller: CHRISTOPHER SEIB - PROPSD FLUSHING PROMANON Spiller Phone: (315) 483-2477
 Notifier Type: Affected Persons Notifier Name: Notifier Phone:
 Caller Name: Caller Agency: Caller Phone:
 DEC Investigator: JMROMMEL Contact for more spill info: CHRISTOPHER SEIB Contact Person Phone: (315) 483-2477

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | | Penalty Recommended | |
|------------------|---------------------|------------------|-------------------------|--------------------|---------------------|----------------------|
| 08/09/2004 | | TANK FAILURE | NO | | NO | |
| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
| DIESEL | PETROLEUM | 0 | UNKNOWN | 0 | UNKNOWN | SOIL |

| | | | | | | |
|----------|-----------|---|---------|---|---------|------|
| DIESEL | PETROLEUM | 0 | POUNDS | 0 | POUNDS | SOIL |
| GASOLINE | PETROLEUM | 0 | UNKNOWN | 0 | UNKNOWN | SOIL |
| GASOLINE | PETROLEUM | 0 | POUNDS | 0 | POUNDS | SOIL |

Caller Remarks:

STILL AN ON-GOING INVESTIGATION. IT HAS NOT BEEN TAKEN CARE OF YET, IT IS A LARGE AREA COVERED. SOIL HAS BEEN CONTAMINATED.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ROMMEL"
 8/26/2004 Sangesland spoke to Chris Seib of Whitestone Associates This spill number is a duplicate to an existing Rommel spill number 9712812.

Spill Closed - Ref #9712812

Map Identification Number 77 **138-10 FRANKLIN AVE**
 138-10 FRANKLIN AVE

Spill Number: 9107656 **Close Date: 10/30/1991**
 FLUSHING, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 2231 feet to the SSE

ADDRESS CHANGE INFORMATION
 Revised street: 13810 FRANKLIN AVE
 Revised zip code: NO CHANGE

| | | |
|--|-------------------------------|------------------------------|
| Source of Spill: COMMERCIAL/INDUSTRIAL | Spiller: | Spiller Phone: |
| Notifier Type: Other | Notifier Name: | Notifier Phone: |
| Caller Name: KIRK SEUBERT | Caller Agency: ATS MECHANICAL | Caller Phone: (718) 945-4825 |
| DEC Investigator: O'DOWD | Contact for more spill info: | Contact Person Phone: |

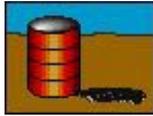
| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | | Penalty Recommended | |
|------------|---------------------|----------------|-------------------------|--|---------------------|--|
| 10/17/1991 | 10/30/1991 | TANK FAILURE | UNKNOWN | | NO | |

| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| #6 FUEL OIL | PETROLEUM | -1.00 | UNKNOWN | 0.00 | UNKNOWN | SOIL |

Caller Remarks:

CONTAMINATED SOIL DISCOVERED DURING EXCAVATION. OLD LINES DISCONNECTED, NEW LINES INSTALLED. FREE PRODUCT PUT INTO DRUMS.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.



CLOSED STATUS TANK TEST FAILURES IDENTIFIED WITHIN 1/2 MILE SEARCH RADIUS

Please Note: * - Compass directions can vary substantially for sites located very close to the subject property address.

| | | | |
|--|---|--|-------------------------------|
| Map Identification Number 78 | QUEENS CO SAVINGS BANK 136-65 ROOSEVELT AVE | Spill Number: 0205849 | Close Date: 07/08/2003 |
| | | FLUSHING, NY NO ZIP PROVIDED | |
| MAP LOCATION INFORMATION Site location mapped by: MANUAL MAPPING (3) Approximate distance from property: 219 feet to the SSE | | ADDRESS CHANGE INFORMATION Revised street: 13665 ROOSEVELT AVE Revised zip code: NO CHANGE | |
| Source of Spill: COMMERCIAL/INDUSTRIAL | Spiller: JOE CARUSO - QUEENS CO SAVINGS BANK | Spiller Phone: (347) 203-1750 | |
| Notifier Type: Tank Tester | Notifier Name: | Notifier Phone: | |
| Caller Name: | Caller Agency: | Caller Phone: | |
| DEC Investigator: SMSANGES | Contact for more spill info: JOE CARUSO | Contact Person Phone: (347) 203-1750 | |

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | | Penalty Recommended | |
|------------|---------------------|-------------------|-------------------------|--|---------------------|--|
| 09/05/2002 | | TANK TEST FAILURE | NO | | NO | |

| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| #2 FUEL OIL | PETROLEUM | 0 | GALLONS | 0 | GALLONS | SOIL |

TANK TEST INFORMATION

| Tank Number | Tank Size | Tank Test Method | Leak Rate | Gross Leak or Failure |
|-------------|-----------|-------------------------|-----------|-----------------------|
| 1 | 5000 | Horner EZ Check I or II | 0.00 | UNKNOWN |

Caller Remarks:

u/g tank failed test

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "SANGESLAND"

9/19/2002

JIM FROM PROTEST CALLED TO SAY THE 5,000 GAL TANK - FAILED A "TANK ONLY TEST". TANK STILL WAS 1/2 FULL OF PRODUCT. BANK WAS CONTACTING THEIR OIL COMPANY TO PUMP OUT THE TANK.

SANGESLAND DIRECTED PROTEST TO CONDUCT A DELINEATION OF THE SITE AND TO THEN EITHER EXCAVATE OUT THE TANK & CONTAMINATION, OR PREPARE A PLAN TO REMEDIATE THE AREA WITH THE TANK IN PLACE.

10/22/2002-VOUGHT-SPOKE WITH TOM LEDDY (PROTEST) AND TANK WAS PUMPED CLEAN. INSTRUCTED LEDDY TO SAMPLE AT LEAST 15 BELOW TANK BOTTOM FOR DELINEATION.

12/10/2002 Sangesland spoke with "Scott" at Protest. He called asking for guidance on what to do. Soil sampling was done at the site and lab analysis shows some hits. He asked if he could fax over the soil results and have DEC review it. Sangesland requested Protest to prepare a report showing a site plan, sample locations, lab results and a comparison of results to TAGM.

1/2/2003 Sangesland reviewed a report submitted by Scott Swezey at Protest (631-321-4670). Report shows lab results of 2 soil samples taken near the elbow of the subject oil storage tank. Report states that the subject 5,000 gal tank was relined in Nov 2002 and that 8 geoprobe borings were taken around the tank which came back clean (this data was not included in report).

Sangesland called Mr. Swezey and asked him to resubmit a closure report which lists:

- * Eight geoprobe samples compared to TAGM standards.
- * Two samples from the elbow area compared to TAGM standards.
- * Either additional work with new end point samples OR Strong justification why additional contamination can not be removed from the "elbow" site (or treated in place).

1/8/2002 Sangesland reviewed a submittal from Mr. Swezey.

This submittal shows the Two samples from the elbow area exceed TAGM levels for a few SVOC's.

There were 8 soil samples taken from around the buried tank. Fours sides of the tank with samples taken at 12 and 22 foot

depths. Results of these 8 samples indicate all samples were below TAGM limits for both VOC and SVOC's.

1/27/2003 Sangesland spoke with Scott at Protest. DEC has requested a letter that either lists how the SVOC's will be treated, OR a good argument on why these levels can not be treated and should therefore be left in place.

7/8/2003 Sangesland reviewed a report from Don Carlo Environmental. The report shows results of digout & sampling from the "Elbow" area of the fuel fill/return lines. These results were within TAGM limits.

Spill Closed

| | | | |
|---|----------------------------------|--|-------------------------------|
| Map Identification Number 79 | 136-21 ROOSEVELT AVENUE | Spill Number: 9400260 | Close Date: 04/20/1994 |
| | 136-21 ROOSEVELT AVENUE | FLUSHING, NY NO ZIP PROVIDED | |
| MAP LOCATION INFORMATION | | ADDRESS CHANGE INFORMATION | |
| Site location mapped by: ADDRESS MATCHING | | Revised street: 13621 ROOSEVELT AVENUE | |
| Approximate distance from property: 250 feet to the SSW | | Revised zip code: NO CHANGE | |
| Source of Spill: COMMERCIAL/INDUSTRIAL | Spiller: SAME | Spiller Phone: | |
| Notifier Type: Tank Tester | Notifier Name: | Notifier Phone: | |
| Caller Name: WM. BAAN | Caller Agency: BONFIDE IND. TANK | Caller Phone: (516) 758-7421 | |
| DEC Investigator: CAMMISA | Contact for more spill info: | Contact Person Phone: | |

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | | Penalty Recommended | |
|------------------|---------------------|-------------------|-------------------------|--------------------|---------------------|----------------------|
| 04/06/1994 | 04/20/1994 | TANK TEST FAILURE | UNKNOWN | | NO | |
| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
| #2 FUEL OIL | PETROLEUM | -1.00 | UNKNOWN | 0.00 | UNKNOWN | GROUNDWATER |

TANK TEST INFORMATION

| Tank Number | Tank Size | Tank Test Method | Leak Rate | Gross Leak or Failure |
|-------------|-----------|------------------|-----------|-----------------------|
| | | Unknown | 0.00 | UNKNOWN |

Caller Remarks: TTF - COULD NOT STABILIZE LEVEL IN STAND PIPE WAITING FOR WORD FROM OWNER RE. FUTURE ACTIONS - 4/20/94 BARR ENVIRONMENTAL HAS REMOVED SOIL AND DISPOSED, SMALL AMOUNT ON TOP OF TANK.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 80 **39-15 MAIN STREET**
39-15 MAIN ST

Spill Number: 8906087 **Close Date: 09/30/1992**
FLUSHING, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 351 feet to the SW

ADDRESS CHANGE INFORMATION
Revised street: 3915 MAIN ST
Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL
Notifier Type: Tank Tester
Caller Name: NAT MOSER
DEC Investigator: BATTISTA

Spiller:
Notifier Name:
Caller Agency: GND
Contact for more spill info:

Spiller Phone: (718) 507-9898
Notifier Phone:
Caller Phone: (516) 933-1085
Contact Person Phone:

Spill Class: KNOWN RELEASE THAT CREATES POTENTIAL FOR FIRE OR HAZARD;HIGHLY IMPROBABLE

| Spill Date | Date Cleanup Ceased | Cause of Spill | PBS # Involved | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|-------------------|----------------|-------------------------|---------------------|
| 09/20/1989 | 09/30/1992 | TANK TEST FAILURE | 2-600188 | NO | NO |

| Material Spilled | Material Class | Quantity Spilled | | Quantity Recovered | | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| | | Units | | Units | | |
| #2 FUEL OIL | PETROLEUM | -1.00 | UNKNOWN | 0.00 | UNKNOWN | GROUNDWATER |

TANK TEST INFORMATION

| Tank Number | Tank Size | Tank Test Method | Leak Rate | Gross Leak or Failure |
|-------------|-----------|------------------|-----------|-----------------------|
| 2 | | Unknown | 0.00 | UNKNOWN |

Caller Remarks:

2K TANK FAILS PETRO. L R = +0,097[INVALID]. E & I & R.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 81 **CLOSED-LACKOF RECENT INFO**
 38-25 MAIN STREET

Spill Number: 8804351 **Close Date: 03/05/2003**
 NEW YORK CITY, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 370 feet to the WSW

ADDRESS CHANGE INFORMATION
 Revised street: 3825 MAIN STREET
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL
 Notifier Type: Tank Tester
 Caller Name: CONLEY
 DEC Investigator: ADMIN. CLOSED

Spiller: QUEENS COUNTY SAVINGS
 Notifier Name:
 Caller Agency: GND SERVICE
 Contact for more spill info:

Spiller Phone: (718) 639-0536
 Notifier Phone:
 Caller Phone: (516) 933-1085
 Contact Person Phone:

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|-------------------|-------------------------|---------------------|
| 08/17/1988 | | TANK TEST FAILURE | NO | NO |

| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
|------------------|----------------|------------------|--------|--------------------|--------|----------------------|
| #2 FUEL OIL | PETROLEUM | -1.00 | POUNDS | 0.00 | POUNDS | GROUNDWATER |

TANK TEST INFORMATION

| Tank Number | Tank Size | Tank Test Method | Leak Rate | Gross Leak or Failure |
|-------------|-----------|------------------|-----------|-----------------------|
| | | Unknown | 0.00 | UNKNOWN |

Caller Remarks:

5K TANK FAILED WITH A LEAK RATE OF 1.075GPH, WILL EXCAVATE AND RETEST.CLOSED DUE TO LACK OF ANY RECENT INFO- DOES NOT MEET ANY CLEAN UP REQUIREMENTS.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ADMIN.CLOSED"
 03/05/2003- Closed Due To The Nature / Extent Of The Spill Report

Map Identification Number 82 **141-08 NORTHERN BLVD/QUNS**
 141-08 NORTHERN BLVD

Spill Number: 8710346
 NEW YORK CITY, NY NO ZIP PROVIDED

Close Date: 07/11/2002

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 817 feet to the NNE

ADDRESS CHANGE INFORMATION

Revised street: 14108 NORTHERN BLVD
 Revised zip code: NO CHANGE

Source of Spill: GASOLINE STATION
 Notifier Type: Tank Tester
 Caller Name: HOWARD GREENBERG
 DEC Investigator: MMMULQUE

Spiller: SHELL OIL COMPANY
 Notifier Name:
 Caller Agency: ALVIN PETROLEUM
 Contact for more spill info:

Spiller Phone: (516) 937-3020
 Notifier Phone:
 Caller Phone: (718) 461-5400
 Contact Person Phone:

Spill Class: KNOWN RELEASE THAT CREATES A FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|-------------------|-------------------------|---------------------|
| 03/10/1988 | | TANK TEST FAILURE | NO | NO |

| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
|------------------|----------------|------------------|--------|--------------------|--------|----------------------|
| GASOLINE | PETROLEUM | -1.00 | POUNDS | 0.00 | POUNDS | GROUNDWATER |

TANK TEST INFORMATION

| Tank Number | Tank Size | Tank Test Method | Leak Rate | Gross Leak or Failure |
|-------------|-----------|------------------|-----------|-----------------------|
| | | Unknown | 0.00 | UNKNOWN |

Caller Remarks:

(2) 4K TANKS MANIFOLDED WITH AN UNREADABLE LEAK RATE, WILL EXCAVATE AND INVESTIGATE.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "MULQUEEN"
 12/06/95 GAVE COPY OF SPILL REPORT TO SHELL FOR FOLLOW UP TO SEE IF CLOSURE IS WARRANTED.

Map Identification Number 83 **143-37 38TH AVE**
 143-37 38TH AVE

Spill Number: 9807106
 FLUSHING, NY NO ZIP PROVIDED

Close Date: 04/08/2003

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 885 feet to the ENE

ADDRESS CHANGE INFORMATION

Revised street: 14337 38TH AVE
 Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING Spiller: KEVIN CULLEN - DIVERSIFIED REALTY Spiller Phone: (718) 445-1135
 Notifier Type: Tank Tester Notifier Name: A. LOPEZ Notifier Phone: (516) 321-4670
 Caller Name: JOHN LEDDY Caller Agency: PRO TEST ENTERPRISE Caller Phone: (516) 321-4670
 DEC Investigator: TOMASELLO Contact for more spill info: KEVIN CULLEN Contact Person Phone: (718) 445-1135

Spill Class: NO SPILL OCCURRED;DEC RESPONSE;NO CORRECTIVE ACTION REQUIRED

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | | Penalty Recommended | |
|------------|---------------------|-------------------|-------------------------|--|---------------------|--|
| 09/03/1998 | | TANK TEST FAILURE | NO | | NO | |

| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| #2 FUEL OIL | PETROLEUM | 0 | GALLONS | 0 | GALLONS | SOIL |

TANK TEST INFORMATION

| Tank Number | Tank Size | Tank Test Method | Leak Rate | Gross Leak or Failure |
|-------------|-----------|-------------------------|-----------|-----------------------|
| 1 | | Horner EZ Check I or II | 0.00 | UNKNOWN |

Caller Remarks: CALLER REPORTING UNDERGROUND TANK FAILED TEST.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 84

141-57 NORTHERN BL

Spill Number: 0200080 Close Date: 06/10/2004
 FLUSHING, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 937 feet to the NE

ADDRESS CHANGE INFORMATION

Revised street: 14157 NORTHERN BL
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL Spiller: JIM CONWAY Spiller Phone: (718) 358-8476
 Notifier Type: Tank Tester Notifier Name: JIM CONWAY Notifier Phone:
 Caller Name: Caller Agency: Caller Phone:
 DEC Investigator: CESAWYER Contact for more spill info: JIM CONWAY Contact Person Phone: (718) 358-8476

Spill Class: KNOWN RELEASE THAT CREATES POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | | Penalty Recommended | |
|------------|---------------------|-------------------|-------------------------|--|---------------------|--|
| 04/03/2002 | | TANK TEST FAILURE | NO | | NO | |

| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| #2 FUEL OIL | PETROLEUM | 0 | GALLONS | 0 | GALLONS | SOIL |

TANK TEST INFORMATION

| Tank Number | Tank Size | Tank Test Method | Leak Rate | Gross Leak or Failure |
|-------------|-----------|-------------------------|-----------|-----------------------|
| 1 | 10000 | Horner EZ Check I or II | 0.00 | UNKNOWN |

Caller Remarks: NO REMARKS GIVEN FOR THIS SPILL

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "SAWYER"
11/6/2003-Vought-File review by Vought:

Site visit by Vought-4/17/02. After site visit DEC requires: 1)passing system test results 2)tank test results 3)repair invoice for line repair 4)vent line/fill port endpoint analyticals 5)site plan. According to Tom Leddy the supply/return/fill and vent lines were replaced. Additional soil excavation required. Excavation occurred from 5/3 thru 5/16/03. Protest will submit report by 6/3/02.

Analyticals and sit plan-Protest-5/30/02. Soil endpoint analyticals for ten soil samples analyzed for EPA Method 8270. Analyticals show only minor PAH exceedance due to fill and show no indicators of fuel oil (eg napthalene).

11/6/2003-Vought-DEC called Leddy and required passing tank test results and work invoice. Vought spoke with Jim Leddy who will fax required info.

1/5/04-Vought-Spill transferred from Vought to Austin.

1/27/04 - Sawyer - Spill transferred from Austin to Sawyer.

6/10/04 - Sawyer - Received supporting documentation from John Leddy at protest including passing tank test and manifest documentation. No further action required. Closed.

Map Identification Number 85 **NHE REALTY**
 142-09 BARCLAY AVENUE

Spill Number: 8801217 **Close Date: 08/23/2004**
 NEW YORK CITY, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 985 feet to the SE

ADDRESS CHANGE INFORMATION
 Revised street: 14209 BARCLAY AVENUE
 Revised zip code: UNKNOWN

Source of Spill: PRIVATE DWELLING
 Notifier Type: Tank Tester
 Caller Name: NAT MOSSER
 DEC Investigator: SIGONA

Spiller: NHE REALTY
 Notifier Name:
 Caller Agency: G.N.D. SERV. INC.
 Contact for more spill info:

Spiller Phone: (718) 886-2554
 Notifier Phone:
 Caller Phone: (516) 933-1085
 Contact Person Phone:

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|-------------------|-------------------------|---------------------|
| 05/09/1988 | | TANK TEST FAILURE | NO | NO |

| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| #2 FUEL OIL | PETROLEUM | -1.00 | GALLONS | 0.00 | GALLONS | GROUNDWATER |

TANK TEST INFORMATION

| Tank Number | Tank Size | Tank Test Method | Leak Rate | Gross Leak or Failure |
|-------------|-----------|------------------|-----------|-----------------------|
| | | Unknown | 0.00 | UNKNOWN |

Caller Remarks:

3K TANK L R=-0.177 GPH INIT SYST PETRO-TITE TEST. 10/4/88 :L R =-.181 GPH - ISOLATED TEST ONLY.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 86 **41-61 KISSENA BLVD/QUEENS**
 41-61 KISSENA BLVD

Spill Number: 8710003 **Close Date: 11/05/1993**
 NEW YORK CITY, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 1113 feet to the S

ADDRESS CHANGE INFORMATION
 Revised street: 4161 KISSENA BLVD
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL Spiller: THE FLUSHING PLAZA ASSOCS Spiller Phone: (718) 939-5300
 Notifier Type: Tank Tester Notifier Name: Notifier Phone:
 Caller Name: NAT MOSER Caller Agency: GND SERVICE Caller Phone: (516) 933-1085
 DEC Investigator: BATTISTA Contact for more spill info: Contact Person Phone:

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | PBS # Involved | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|-------------------|----------------|-------------------------|---------------------|
| 02/26/1988 | 11/05/1993 | TANK TEST FAILURE | 2-322695 | NO | NO |

| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| #2 FUEL OIL | PETROLEUM | -1.00 | UNKNOWN | 0.00 | UNKNOWN | GROUNDWATER |

TANK TEST INFORMATION

| Tank Number | Tank Size | Tank Test Method | Leak Rate | Gross Leak or Failure |
|-------------|-----------|------------------|-----------|-----------------------|
| | | Unknown | 0.00 | UNKNOWN |

Caller Remarks:

10K TANK FAILED WITH A LEAK RATE OF -.215GPH. 1/20/89 : 10K TK FAILS PETRO RETEST, L R = -0.165 GPH. RECOMMEND THE TK BE RELINED.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 87 **133 37TH AVENUE** **Spill Number: 9309025** **Close Date: 01/24/1994**
 133 37TH AVENUE FLUSHING, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION ADDRESS CHANGE INFORMATION
 Site location mapped by: ADDRESS MATCHING Revised street: 13330 37TH AVENUE
 Approximate distance from property: 1218 feet to the WSW Revised zip code: 11354

Source of Spill: COMMERCIAL/INDUSTRIAL Spiller: SAME Spiller Phone:
 Notifier Type: Tank Tester Notifier Name: Notifier Phone:
 Caller Name: JERRY CURTAIN Caller Agency: DRY AS A BUNE VG Caller Phone: (516) 678-5115
 DEC Investigator: BATTISTA Contact for more spill info: Contact Person Phone:

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | | Penalty Recommended | |
|-------------------|---------------------|-------------------|-------------------------|--------------------|---------------------|----------------------|
| 10/25/1993 | 01/24/1994 | TANK TEST FAILURE | UNKNOWN | | NO | |
| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
| UNKNOWN PETROLEUM | PETROLEUM | 0 | UNKNOWN | 0 | UNKNOWN | SOIL |

TANK TEST INFORMATION

| Tank Number | Tank Size | Tank Test Method | Leak Rate | Gross Leak or Failure |
|-------------|-----------|------------------|-----------|-----------------------|
| | | Unknown | 0.00 | UNKNOWN |

Caller Remarks:

ONGROUND TANK - COULDN'T APT DATA - NO OTHER INFO/ COMMENTS NCB -

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "BATISTA/O'DOWD"
 01/24/94: REMOVED UST AND SOIL, TOOK ANALYTICAL RESULTS-ND, BACKFILL. SEE K.O'DOWD'S LETTER A:LINZER.

10/10/95: This is additional information about material spilled from the translation of the old spill file: TTF.

Map Identification Number 88 **134-25 35TH ST PRIV RES** **Spill Number: 9500509** **Close Date: 05/18/1995**
 134-25 35TH STREET FLUSHING, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 1261 feet to the NW

ADDRESS CHANGE INFORMATION
 Revised street: 13425 35TH AV
 Revised zip code: 11354

| | | |
|--|------------------------------|------------------------------|
| Source of Spill: COMMERCIAL/INDUSTRIAL | Spiller: SAME | Spiller Phone: |
| Notifier Type: DEC | Notifier Name: | Notifier Phone: |
| Caller Name: CLAUDIA GUTIERREZ | Caller Agency: DEC REGION 2 | Caller Phone: (718) 482-4933 |
| DEC Investigator: GUTIERREZ | Contact for more spill info: | Contact Person Phone: |

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | | Penalty Recommended | |
|------------|---------------------|-------------------|-------------------------|--|---------------------|--|
| 04/12/1995 | 05/18/1995 | TANK TEST FAILURE | UNKNOWN | | NO | |

| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
|------------------|----------------|------------------|--------|--------------------|--------|----------------------|
| DIESEL | PETROLEUM | -1.00 | POUNDS | 0.00 | POUNDS | SOIL |

TANK TEST INFORMATION

| Tank Number | Tank Size | Tank Test Method | Leak Rate | Gross Leak or Failure |
|-------------|-----------|------------------|-----------|-----------------------|
| | | Unknown | 0.00 | UNKNOWN |

Caller Remarks: NO REMARKS GIVEN FOR THIS SPILL

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 89 **NYC DEPT. OF SANITATION** **Spill Number: 9500504** **Close Date: 05/18/1995**
 134-25 35TH AVENUE QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION **ADDRESS CHANGE INFORMATION**
 Site location mapped by: ADDRESS MATCHING Revised street: 13425 35TH AVENUE
 Approximate distance from property: 1261 feet to the NW Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL Spiller: CROMPCO CORP Spiller Phone: (718) 937-3286
 Notifier Type: Tank Tester Notifier Name: Notifier Phone:
 Caller Name: CHUCK PEDANO Caller Agency: CROMPCO CORP. Caller Phone: (800) 646-3161
 DEC Investigator: GUTIERREZ Contact for more spill info: Contact Person Phone:

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|-------------------|-------------------------|---------------------|
| 04/12/1995 | 05/18/1995 | TANK TEST FAILURE | UNKNOWN | NO |

| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| DIESEL | PETROLEUM | -1.00 | GALLONS | 0.00 | GALLONS | SOIL |

TANK TEST INFORMATION

| Tank Number | Tank Size | Tank Test Method | Leak Rate | Gross Leak or Failure |
|-------------|-----------|------------------|-----------|-----------------------|
| | | Unknown | 0.00 | UNKNOWN |

Caller Remarks: 4000 GAL. -PUMP PRODUCT FROM TANK TONIGHT -DIG TANK IN MORNING AND LOCATE PROB.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 90

37-14 PARSONS BLVD

Spill Number: 9807105

Close Date: 11/12/2003

FLUSHING, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING

Approximate distance from property: 1294 feet to the ENE

ADDRESS CHANGE INFORMATION

Revised street: 3714 PARSONS BLVD

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Tank Tester

Caller Name: JOHN LEDDY

DEC Investigator: JMKRIMGO

Spiller: KEVIN CULLEN - DIVERSIFIED REALTY

Notifier Name: A. LOPEZ

Caller Agency: PRO TEST ENTERPRISE

Contact for more spill info: KEVIN CULLEN

Spiller Phone: (718) 445-1135

Notifier Phone: (516) 321-4670

Caller Phone: (516) 321-4670

Contact Person Phone: (718) 445-1135

Spill Class: KNOWN RELEASE THAT CREATES POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | PBS # Involved | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|-------------------|----------------|-------------------------|---------------------|
| 09/03/1998 | | TANK TEST FAILURE | 2-293660 | NO | NO |

| Material Spilled | Material Class | Quantity Spilled | | Quantity Recovered | | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| | | Units | | Units | | |
| #2 FUEL OIL | PETROLEUM | 0 | GALLONS | 0 | GALLONS | SOIL |

Caller Remarks: CALLER STATES AN OLD UNDERGROUND TANK HAD FAILED.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "KRIMGOLD"
11/12/03. KRIMGOLD - BASED ON THE TANK TEST RESULTS AND STATEMENT

SUBMITTED BY THE OWNER, CLOSE OUT SPILL.

Map Identification Number 91

CLOSED-LACKOF RECENT INFO

37015 PARSONS BLVD

Spill Number: 8805287

Close Date: 03/05/2003

NEW YORK CITY, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING

Approximate distance from property: 1353 feet to the ENE

ADDRESS CHANGE INFORMATION

Revised street: 3715 PARSONS BLVD

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL Spiller: CIAMPA MGNT Spiller Phone: (718) 939-4888
 Notifier Type: Tank Tester Notifier Name: Notifier Phone:
 Caller Name: NAT MOSER Caller Agency: GND SERVICE Caller Phone: (516) 933-1085
 DEC Investigator: ADMIN. CLOSED Contact for more spill info: Contact Person Phone:

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | | Penalty Recommended | |
|------------------|---------------------|-------------------|-------------------------|--------------------|---------------------|----------------------|
| 09/19/1988 | | TANK TEST FAILURE | NO | | NO | |
| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
| #2 FUEL OIL | PETROLEUM | -1.00 | POUNDS | 0.00 | POUNDS | GROUNDWATER |

TANK TEST INFORMATION

| Tank Number | Tank Size | Tank Test Method | Leak Rate | Gross Leak or Failure |
|-------------|-----------|------------------|-----------|-----------------------|
| | | Unknown | 0.00 | UNKNOWN |

Caller Remarks:

5K TANK SYSTEM FAILED PETRO TITE WITH A LEAK RATE OF -.091GPH.
 CLOSED DUE TO LACK OF ANY RECENT INFO- DOES NOT MEET ANY CLEAN UP REQUIREMENTS.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ADMIN.CLOSED"
 03/05/2003- Closed Due To The Nature / Extent Of The Spill Report

Map Identification Number 92 **42 KISSENA REALTY** **Spill Number: 0301177** **Close Date: 05/25/2004**
 42-02 KISSENA BLVD FLUSHING, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION ADDRESS CHANGE INFORMATION
 Site location mapped by: ADDRESS MATCHING Revised street: 4202 KISSENA BLVD
 Approximate distance from property: 1377 feet to the SSE Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL Spiller: BARBARA - 42 KISSENA REALTY Spiller Phone: (718) 463-3307
 Notifier Type: Tank Tester Notifier Name: Notifier Phone:
 Caller Name: Caller Agency: Caller Phone:
 DEC Investigator: CESAWYER Contact for more spill info: BARBARA Contact Person Phone: (718) 463-3307

Spill Class: KNOWN RELEASE THAT CREATES POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | | Penalty Recommended | | |
|------------------|---------------------|-------------------|-------------------------|---------|---------------------|---------|----------------------|
| 05/01/2003 | | TANK TEST FAILURE | NO | | NO | | |
| Material Spilled | | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
| #2 FUEL OIL | | PETROLEUM | 0 | GALLONS | 0 | GALLONS | SOIL |

TANK TEST INFORMATION

| Tank Number | Tank Size | Tank Test Method | Leak Rate | Gross Leak or Failure |
|-------------|-----------|-------------------------|-----------|-----------------------|
| 1 | 7500 | Horner EZ Check I or II | 0.00 | FAIL |

Caller Remarks:

ez 3 locator plus

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "SAWYER"
5/2/03 - Rossan, DDO - Tank test Failure letter was sent 5/2/03.

Letter was sent to: Mr. Mike Halas

42 Kissena Realty Co

144-15 41st Avenue

Flushing, NY 11355 END

1/7/04-Vought-Spill transferred from Vought to Austin.

01/27/04 - Sawyer - Spill transferred from Austin to Sawyer.

4/30/2004 SS sent a new ttf ltr

5/25/04 - Sawyer - Received supporting documentation for repair and passing retest of the tank. Closed.

Map Identification Number 93 **LONG ISLAND CARE CENTER** **Spill Number: 9605356** **Close Date: 10/04/1996**
 144-61 38TH AV FLUSHING, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION ADDRESS CHANGE INFORMATION
 Site location mapped by: ADDRESS MATCHING Revised street: 14461 38TH AV
 Approximate distance from property: 1526 feet to the ENE Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER Spiller: FRANK DIPPOLITO - LONG ISLAND CARE CENTER Spiller Phone: (212) 889-0294
 Notifier Type: Other Notifier Name: MICHAEL DOUCETT Notifier Phone: (203) 878-8378
 Caller Name: MICHAEL DOUCETT Caller Agency: NORTHEAST TANK SERVICES Caller Phone: (203) 878-8378
 DEC Investigator: SIGONA Contact for more spill info: FRANK DIPPOLITO Contact Person Phone: (212) 889-0294

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | PBS # Involved | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|-------------------|----------------|-------------------------|---------------------|
| 07/25/1996 | | TANK TEST FAILURE | 2-602744 | NO | NO |

| Material Spilled | Material Class | Quantity Spilled | | Quantity Recovered | | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| | | Units | | Units | | |
| #2 FUEL OIL | PETROLEUM | 0 | GALLONS | 0 | GALLONS | SOIL |

Caller Remarks: CALLER WAS HIRED BY A CONSTRUCTION COMPANY TO PERFORM THE TEST - THERE IS NO ACTUAL LEAK INTO THE GROUND

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 94 **LONG ISLAND CARE CENTER** **Spill Number: 9807908** **Close Date: 11/24/1998**
 144-20 38TH AV FLUSHING, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION ADDRESS CHANGE INFORMATION
 Site location mapped by: ADDRESS MATCHING Revised street: 14420 38TH AV
 Approximate distance from property: 1542 feet to the ENE Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER Spiller: DOUG CIAMPA - CIAMPA CORP Spiller Phone: (718) 939-4888
 Notifier Type: Tank Tester Notifier Name: JIM LEDDY Notifier Phone: (516) 321-4670
 Caller Name: JIM LEDDY Caller Agency: PROTEST ENTERPRISES Caller Phone: (516) 321-4670
 DEC Investigator: SMSANGES Contact for more spill info: DOUG CIAMPA Contact Person Phone: (718) 939-4888

Spill Class: KNOWN RELEASE THAT CREATES POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | | Penalty Recommended | |
|------------|---------------------|-------------------|-------------------------|--|---------------------|--|
| 09/25/1998 | | TANK TEST FAILURE | NO | | NO | |

| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| #2 FUEL OIL | PETROLEUM | 0 | GALLONS | 0 | GALLONS | SOIL |

TANK TEST INFORMATION

| Tank Number | Tank Size | Tank Test Method | Leak Rate | Gross Leak or Failure |
|-------------|-----------|-------------------------|-----------|-----------------------|
| 1 | 7500 | Horner EZ Check I or II | 0.00 | UNKNOWN |

Caller Remarks: NO REMARKS GIVEN FOR THIS SPILL

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "SANGESLAND"
 TANK TEST FAILURE. TANK SPECIALISTS INC. SEPARATED THE TANK AND LINES. TANK PASSED A FAILURE WAS FOUND IN THE VENT LINE. PIPING SYSTEM WAS REPLACED, SYSTEM PASSED A NEW TEST. NO CONTAMINATION WAS FOUND WHEN THE SITE WAS OPENED.

Map Identification Number 95 **FLUSHING SAVINGS BANK** **Spill Number: 0209991** **Close Date: 01/24/2003**
 144-51 NORTHERN BLVD FLUSHING, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 1573 feet to the NE

ADDRESS CHANGE INFORMATION

Revised street: 14451 NORTHERN BLVD
 Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER Spiller: Spiller Phone:
 Notifier Type: Tank Tester Notifier Name: Dave Favina Notifier Phone:
 Caller Name: Caller Agency: Caller Phone:
 DEC Investigator: JXZHAO Contact for more spill info: DAVE FAVIN Contact Person Phone: (516) 939-2959

Spill Class: POSSIBLE REL WITH MIN POTENTIAL FOR FIRE OR HAZARD (OR KNOWN RELEASE W/ NO DAMAGE);DEC RESP;WILLING RP;CORR ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | | Penalty Recommended | | |
|------------------|---------------------|-------------------|-------------------------|--------------------|---------------------|----------------------|--|
| 01/02/2003 | | TANK TEST FAILURE | NO | | NO | | |
| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected | |
| #2 FUEL OIL | PETROLEUM | 0 | GALLONS | 0 | GALLONS | SOIL | |

TANK TEST INFORMATION

| Tank Number | Tank Size | Tank Test Method | Leak Rate | Gross Leak or Failure |
|-------------|-----------|-------------------------|-----------|-----------------------|
| 1 | 2500 | Horner EZ Check I or II | 0.00 | UNKNOWN |

Caller Remarks:

tank will be dug up - lines disconnected and tank retested

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ZHAO"
1/02/2003-Vought-Tank test failure letter sent 1/2/03 by Vought.

1/13/2003-Vought-Spoke with Andy Conle (516-250-4705) of Flushing Savings Bank. Plough hit tank stick and stick pipe was replaced. (work to be performed by Petroleum Tank Cleaners 718-624-4842). NYSDEC requires invoice and copy of passing test results. Andy at NYSDEC office to hand over PBS forms for registration.

1/24/2003-Vought-Andy Conle visit to NYSDEC to hand over letter from PTC and copy of passing test results. Tank was excavated, emptied, cleaned, isolated and retested. All lines passed test except for stick line (which was damaged by plough). No soil contamination found by PTC as stated in letter. Tank will be abandoned. No spill at site. Spill closed by Vought.

Map Identification Number 96 **CLOSED-LACKOF RECENT INFO**
3506 PARSONS BLVD

Spill Number: 9403158
BAYSIDE, NY NO ZIP PROVIDED

Close Date: 03/10/2003

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1584 feet to the NE

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
Revised zip code: UNKNOWN

Source of Spill: COMMERCIAL/INDUSTRIAL Spiller: PARSONS HOSPITAL Spiller Phone: (718) 670-3587
 Notifier Type: Local Agency Notifier Name: Notifier Phone:
 Caller Name: RICHARD VEGA Caller Agency: STATE ENVIRONMENTAL Caller Phone: (718) 265-3355
 DEC Investigator: ADMIN. CLOSED Contact for more spill info: Contact Person Phone:

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | | Penalty Recommended | |
|-------------------|---------------------|-------------------|-------------------------|--------------------|---------------------|----------------------|
| 06/03/1994 | | TANK TEST FAILURE | NO | | NO | |
| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
| UNKNOWN PETROLEUM | PETROLEUM | -1.00 | POUNDS | 0.00 | POUNDS | SOIL |

TANK TEST INFORMATION

| Tank Number | Tank Size | Tank Test Method | Leak Rate | Gross Leak or Failure |
|-------------|-----------|------------------|-----------|-----------------------|
| | | Unknown | 0.00 | UNKNOWN |

Caller Remarks: ACTION TO BE TAKEN WILL BE AT THE OWNERS'S DISCRETION.CLOSED DUE TO LACK OF ANY RECENT INFO-DOES NOT MEET ANY CLEANUP REQUIREMENTS.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ADMIN.CLOSED"
 03/10/2003 Closed Due To The Nature / Extent Of The Spill Report

Map Identification Number 97 **CLOSED-LACKOF RECENT INFO** **Spill Number: 8802851** **Close Date: 03/05/2003**
 35006 PARSONS BLVD NEW YORK CITY, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION ADDRESS CHANGE INFORMATION
 Site location mapped by: ADDRESS MATCHING Revised street: 3506 PARSONS BLVD
 Approximate distance from property: 1584 feet to the NE Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL Spiller: PARSONS HOSPITAL Spiller Phone:
 Notifier Type: Tank Tester Notifier Name: Notifier Phone:
 Caller Name: DIANE Caller Agency: TANK TESTING Caller Phone: (718) 789-3770
 DEC Investigator: ADMIN. CLOSED Contact for more spill info: Contact Person Phone:

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | | Penalty Recommended | |
|------------|---------------------|-------------------|-------------------------|--|---------------------|--|
| 06/29/1988 | | TANK TEST FAILURE | NO | | NO | |

| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
|------------------|----------------|------------------|--------|--------------------|--------|----------------------|
| #2 FUEL OIL | PETROLEUM | -1.00 | POUNDS | 0.00 | POUNDS | GROUNDWATER |

TANK TEST INFORMATION

| Tank Number | Tank Size | Tank Test Method | Leak Rate | Gross Leak or Failure |
|-------------|-----------|------------------|-----------|-----------------------|
| | | Unknown | 0.00 | UNKNOWN |

Caller Remarks:

10K TANK SYSTEM FAILED HORNER EZY, UNREADABLE RATE WOULD NOT STABILIZE.CLOSED DUE TO LACK OF ANY RECENT INFO- DOES NOT MEET ANY CLEAN UP REQUIREMENTS.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ADMIN.CLOSED"
03/05/2003- Closed Due To The Nature / Extent Of The Spill Report

Map Identification Number 98 **CLOSED-LACKOF RECENT INFO** **Spill Number: 8802583** **Close Date: 03/05/2003**
3506 PARSONS BLVD NEW YORK CITY, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1584 feet to the NE

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
Revised zip code: UNKNOWN

| | | |
|--|------------------------------------|-------------------------------|
| Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER | Spiller: FLUSHING HOSP/PARSONS HOS | Spiller Phone: (718) 670-5388 |
| Notifier Type: Tank Tester | Notifier Name: | Notifier Phone: |
| Caller Name: SEBASTIAN LOREFICE | Caller Agency: TANK TESTER | Caller Phone: (718) 789-3700 |
| DEC Investigator: ADMIN. CLOSED | Contact for more spill info: | Contact Person Phone: |

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | | Penalty Recommended | |
|------------|---------------------|-------------------|-------------------------|--|---------------------|--|
| 06/21/1988 | | TANK TEST FAILURE | NO | | NO | |

| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| #2 FUEL OIL | PETROLEUM | -1.00 | GALLONS | 0.00 | GALLONS | GROUNDWATER |

TANK TEST INFORMATION

| Tank Number | Tank Size | Tank Test Method | Leak Rate | Gross Leak or Failure |
|-------------|-----------|------------------|-----------|-----------------------|
| | | Unknown | 0.00 | UNKNOWN |

Caller Remarks:

NEVER STABILIZED - LOST 7 GALS IN 1 HR. 10K GAL, PUMP OUT TANK & TESTLINES.CLOSED DUE TO LACK OF ANY RECENT INFO- DOES NOT MEET ANY CLEAN UP REQUIREMENTS.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ADMIN.CLOSED"
 / / : ---.03/05/2003- Closed Due To The Nature / Extent Of The Spill Report

Map Identification Number 99 **35-15 PARSONS BLVD/QUEENS** **Spill Number: 8708616** **Close Date: 10/07/1992**
 35-15 PARSONS BLVD NEW YORK CITY, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 1607 feet to the NE

ADDRESS CHANGE INFORMATION
 Revised street: 3515 PARSONS BLVD
 Revised zip code: NO CHANGE

| | | |
|--|------------------------------|-----------------------|
| Source of Spill: COMMERCIAL/INDUSTRIAL | Spiller: FLUSHING MANOR | Spiller Phone: |
| Notifier Type: Tank Tester | Notifier Name: | Notifier Phone: |
| Caller Name: | Caller Agency: | Caller Phone: |
| DEC Investigator: BATTISTA | Contact for more spill info: | Contact Person Phone: |

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | PBS # Involved | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|-------------------|----------------|-------------------------|---------------------|
| 01/09/1988 | 10/07/1992 | TANK TEST FAILURE | 2-068993 | NO | NO |

| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| #2 FUEL OIL | PETROLEUM | -1.00 | UNKNOWN | 0.00 | UNKNOWN | GROUNDWATER |

TANK TEST INFORMATION

| | | | | |
|-------------|-----------|------------------|-----------|-----------------------|
| Tank Number | Tank Size | Tank Test Method | Leak Rate | Gross Leak or Failure |
| | | Unknown | 0.00 | UNKNOWN |

Caller Remarks:

5K TANK FAILED WITH A LEAK RATE OF .442GPH, WILL EXCAVATE AND RETEST.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 100 **BLAND** **Spill Number: 9008753** **Close Date: 04/25/1995**
 40-05 COLLEGE PT BLVD NEW YORK CITY, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 1652 feet to the SW

ADDRESS CHANGE INFORMATION

Revised street: 4005 COLLEGE POINT BLVD
 Revised zip code: 11354

| | | |
|--|---------------------------------|-------------------------------|
| Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER | Spiller: NYCHA | Spiller Phone: (212) 306-3142 |
| Notifier Type: Tank Tester | Notifier Name: | Notifier Phone: |
| Caller Name: SEBASTIAN LOREFICE | Caller Agency: TANK TESTING INC | Caller Phone: (718) 789-3770 |
| DEC Investigator: HEALY | Contact for more spill info: | Contact Person Phone: |

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | PBS # Involved | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|-------------------|----------------|-------------------------|---------------------|
| 11/09/1990 | 04/25/1995 | TANK TEST FAILURE | 2-475734 | UNKNOWN | NO |

| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| #2 FUEL OIL | PETROLEUM | -1.00 | UNKNOWN | 0.00 | UNKNOWN | SOIL |

TANK TEST INFORMATION

| | | | | |
|-------------|-----------|------------------|-----------|-----------------------|
| Tank Number | Tank Size | Tank Test Method | Leak Rate | Gross Leak or Failure |
| 002 | | Unknown | 0.00 | UNKNOWN |

Caller Remarks:

20K TANK, SYSTEM TEST, FAILED HORNER EZY CHECK WITH A GROSS LEAK, VISIBLE LEAK AT PETROMETER FLANGE, WILL REPAIR & RETEST.

SEE SPILL # 9403346

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 101 41-37 PARSONS BLVD.
41-37 PARSONS BLVD.

Spill Number: 8710689 Close Date: 11/05/1993
NEW YORK CITY, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1705 feet to the ESE

ADDRESS CHANGE INFORMATION
Revised street: 4137 PARSONS BLVD.
Revised zip code: UNKNOWN

Source of Spill: COMMERCIAL/INDUSTRIAL
Notifier Type: Tank Tester
Caller Name: NAT MOSSER
DEC Investigator: BATTISTA

Spiller: GATES HEATING CO./PARSONS
Notifier Name:
Caller Agency: GND
Contact for more spill info:

Spiller Phone: (718) 626-7170
Notifier Phone:
Caller Phone: (516) 933-1085
Contact Person Phone:

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | PBS # Involved | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|-------------------|----------------|-------------------------|---------------------|
| 03/23/1988 | 11/05/1993 | TANK TEST FAILURE | 2-192856 | NO | NO |

| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| #2 FUEL OIL | PETROLEUM | -1.00 | GALLONS | 0.00 | GALLONS | GROUNDWATER |

TANK TEST INFORMATION

| Tank Number | Tank Size | Tank Test Method | Leak Rate | Gross Leak or Failure |
|-------------|-----------|------------------|-----------|-----------------------|
| | | Unknown | 0.00 | UNKNOWN |

Caller Remarks:

2,000 GALLON TANK-LEAK RATE -0.226 GPH.WILL EXCAVATE AND RETEST. (2,000 GALLON)/RETESTED UPDATE-REPAIRS WERE MADE AND TANK PASSED AT A LEAK RATE OF -0.033 GPH PBS# 192856

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 102 **CLOSED-LACKOF RECENT INFO**
 134-02 33RD AVE

Spill Number: 8710850 **Close Date: 03/04/2003**
 NEW YORK CITY, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 2014 feet to the NW

ADDRESS CHANGE INFORMATION
 Revised street: 13402 33RD AVE
 Revised zip code: UNKNOWN

Source of Spill: COMMERCIAL/INDUSTRIAL
 Notifier Type: Tank Tester
 Caller Name: HOWARD GREENBERG
 DEC Investigator: ADMIN. CLOSED

Spiller: LINDEN MAINTENANCE CORP
 Notifier Name:
 Caller Agency: ALVIN PETROLEUM
 Contact for more spill info:

Spiller Phone: (718) 762-3500
 Notifier Phone:
 Caller Phone: (718) 461-5400
 Contact Person Phone:

Spill Class: KNOWN RELEASE THAT CREATES A FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|-------------------|-------------------------|---------------------|
| 03/28/1988 | | TANK TEST FAILURE | NO | NO |

| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
|------------------|----------------|------------------|--------|--------------------|--------|----------------------|
| GASOLINE | PETROLEUM | -1.00 | POUNDS | 0.00 | POUNDS | GROUNDWATER |

TANK TEST INFORMATION

| Tank Number | Tank Size | Tank Test Method | Leak Rate | Gross Leak or Failure |
|-------------|-----------|------------------|-----------|-----------------------|
| | | Unknown | 0.00 | UNKNOWN |

Caller Remarks:

(2) 4K TANKS MANIFOLDED WITH AN UNREADABLE LEAK RATE, WILL EXCAVATE AND INVESTIGATE.

CLOSED DUE TO LACK OF ANY RECENT INFO - DOES NOT MEET ANY CLEANUP REQUIREMENTS.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 103

43-10 KISSENA BLVD

Spill Number: 0109014

Close Date: 09/27/2002

FLUSHING, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 2231 feet to the SSE

ADDRESS CHANGE INFORMATION
 Revised street: 4310 KISSENA BLVD
 Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING
 Notifier Type: Tank Tester
 Caller Name:
 DEC Investigator: JBVOUGHT

Spiller:
 Notifier Name:
 Caller Agency:
 Contact for more spill info: ERIC MYERS

Spiller Phone:
 Notifier Phone:
 Caller Phone:
 Contact Person Phone: (718) 224-9226

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|-------------------|-------------------------|---------------------|
| 12/10/2001 | | TANK TEST FAILURE | NO | NO |

NO MATERIAL INFORMATION GIVEN FOR THIS SPILL

TANK TEST INFORMATION

| Tank Number | Tank Size | Tank Test Method | Leak Rate | Gross Leak or Failure |
|-------------|-----------|-------------------------|-----------|-----------------------|
| 1 | 20000 | Horner EZ Check I or II | 0.00 | FAIL |

Caller Remarks:

dry leak
 2nd contact # for eric is 9172991288

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "VOUGHT"
 9/27/2002-VOUGHT-Cause of test failure was small crack in elbow seam. Elbow was surrounded with secondary pipe and no release to soil occurred. No contaminated soil found as per Rene Lewis (document received 9/26). Repair invoice and passing test results received at DEC on 9/27/2002. Spill closed by Vought.

Map Identification Number 104 **CLOSED-LACKOF RECENT INFO**
 133050 32ND AVENUE

Spill Number: 8809691 **Close Date: 03/04/2003**
 NEW YORK CITY, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 2319 feet to the NW

ADDRESS CHANGE INFORMATION
 Revised street: 13350 32ND AVENUE
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL
 Notifier Type: Tank Tester
 Caller Name: SEBASTIAN LOREFICE
 DEC Investigator: ADMIN. CLOSED

Spiller: CHARLES LABOSEA & SON
 Notifier Name:
 Caller Agency: TANK TESTING
 Contact for more spill info:

Spiller Phone:
 Notifier Phone:
 Caller Phone: (718) 789-3770
 Contact Person Phone:

Spill Class: KNOWN RELEASE THAT CREATES A FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | | Penalty Recommended | |
|------------|---------------------|-------------------|-------------------------|--|---------------------|--|
| 03/16/1989 | | TANK TEST FAILURE | NO | | NO | |

| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
|------------------|----------------|------------------|--------|--------------------|--------|----------------------|
| DIESEL | PETROLEUM | -1.00 | POUNDS | 0.00 | POUNDS | GROUNDWATER |

TANK TEST INFORMATION

| Tank Number | Tank Size | Tank Test Method | Leak Rate | Gross Leak or Failure |
|-------------|-----------|------------------|-----------|-----------------------|
| | | Unknown | 0.00 | UNKNOWN |

Caller Remarks:

550 GALLON TANK FAILED HORNER EZY CHECK WITH A GROSS LEAK, WILL EXCAVATE & ISOLATE PROBLEM WITH TANK.

CLOSED DUE TO LACK OF ANY RECENT INFO - DOES NOT MEET ANY CLEANUP REQUIREMENTS.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 105 **43-32 KISSENA BLVD**
 43-32 KISSENA BLVD

Spill Number: 9700140 **Close Date: 09/14/1998**
 QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 2416 feet to the SSE

ADDRESS CHANGE INFORMATION
 Revised street: 4332 KISSENA BLVD
 Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER
 Notifier Type: Tank Tester
 Caller Name: DAN UNWIN
 DEC Investigator: SIGONA

Spiller: MIKE NACLERIO - 43-32 KISSENA BLVD.
 Notifier Name: TESTER
 Caller Agency: PETRO-CHEM TANK TESTING
 Contact for more spill info: MIKE NACLERIO

Spiller Phone: (718) 762-2320
 Notifier Phone:
 Caller Phone: () 497-3261
 Contact Person Phone: (718) 762-2320

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | PBS # Involved | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|-------------------|----------------|-------------------------|---------------------|
| 04/03/1997 | | TANK TEST FAILURE | 2-294233 | YES | NO |

| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| #6 FUEL OIL | PETROLEUM | 0 | GALLONS | 0 | GALLONS | SOIL |

TANK TEST INFORMATION

| Tank Number | Tank Size | Tank Test Method | Leak Rate | Gross Leak or Failure |
|-------------|-----------|-------------------------|-----------|-----------------------|
| 001a | 30000 | Horner EZ Check I or II | -1.00 | UNKNOWN |

Caller Remarks: TANK HAS DENT AND TANK WALLS ARE TOO WEAK TO TEST AN DENTEDREFERECE SPILL #9614948TANK OWNER HAS APPOINTMENT EASTMAN TANK FOR SOLUTION

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 106 **EXXONMOBIL**
 147-10 NORTHERN BLVD

Spill Number: 9009049 **Close Date: 09/10/1993**
 FLUSHING, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 2468 feet to the ENE

ADDRESS CHANGE INFORMATION
 Revised street: 14710 NORTHERN BLVD
 Revised zip code: UNKNOWN

Source of Spill: GASOLINE STATION Spiller: MELISSA WINSOR - EXXONMOBIL Spiller Phone: (908) 474-3613
 Notifier Type: Responsible Party Notifier Name: Notifier Phone:
 Caller Name: SHEILA MALLOY Caller Agency: MOBIL Caller Phone: (703) 849-5384
 DEC Investigator: SULLIVAN Contact for more spill info: Contact Person Phone:

Spill Class: KNOWN RELEASE THAT CREATES A FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|-------------------|-------------------------|---------------------|
| 11/16/1990 | 09/10/1993 | TANK TEST FAILURE | NO | NO |

| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| GASOLINE | PETROLEUM | 0 | GALLONS | 0 | GALLONS | GROUNDWATER |

TANK TEST INFORMATION

| Tank Number | Tank Size | Tank Test Method | Leak Rate | Gross Leak or Failure |
|-------------|-----------|------------------|-----------|-----------------------|
| | | Unknown | 0.00 | UNKNOWN |

Caller Remarks:

LINE TEST ONLY, FAILED PETRO TITE WITH A LEAK RATE OF -.0360GPH,ALVIN PETROLEUM TO REPAIR, INVESTIGATE & RETEST, HANK MULLER (MOBIL FIELD ENGINEER) 1-800-227-0707 EXT 2769.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 107 147-10 41ST AVE **Spill Number: 9614572** **Close Date: 06/21/2000**
 147-10 41ST AVE FLUSHING, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 2478 feet to the E

ADDRESS CHANGE INFORMATION
 Revised street: 14710 41ST AVE
 Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER Spiller: A.S. KASSAPIDIS-OWNER Spiller Phone:
 Notifier Type: Tank Tester Notifier Name: MICHAEL SEPE Notifier Phone: (516) 586-4900
 Caller Name: MICHAEL SEPE Caller Agency: FENLEY & NICOLS Caller Phone: (516) 586-4900
 DEC Investigator: TOMASELLO Contact for more spill info: SHAIPI BLAKU Contact Person Phone: (718) 460-5346

Spill Class: KNOWN RELEASE THAT CREATES POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| | | | | |
|------------|---------------------|-------------------|-------------------------|---------------------|
| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
| 03/18/1997 | | TANK TEST FAILURE | NO | NO |

NO MATERIAL INFORMATION GIVEN FOR THIS SPILL

TANK TEST INFORMATION

| | | | | |
|-------------|-----------|-------------------------|-----------|-----------------------|
| Tank Number | Tank Size | Tank Test Method | Leak Rate | Gross Leak or Failure |
| 001 | 10000 | Horner EZ Check I or II | 0.00 | UNKNOWN |

Caller Remarks: TANK FAILED GROSSLY IN THE APT BLDG

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 108 **31-45 DOWNING STREET** **Spill Number: 8804015** **Close Date: 10/02/1992**
 31-45 DOWNING STREET NEW YORK CITY, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION ADDRESS CHANGE INFORMATION
 Site location mapped by: ADDRESS MATCHING Revised street: 3145 DOWNING STREET
 Approximate distance from property: 2586 feet to the NW Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL Spiller: MUNZEMAIER BAKERY Spiller Phone:
 Notifier Type: Tank Tester Notifier Name: Notifier Phone:
 Caller Name: NAT MOSER Caller Agency: GND SERVICE Caller Phone: (516) 933-1085
 DEC Investigator: BATTISTA Contact for more spill info: Contact Person Phone:

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| | | | | | |
|------------|---------------------|-------------------|----------------|-------------------------|---------------------|
| Spill Date | Date Cleanup Ceased | Cause of Spill | PBS # Involved | Meets Cleanup Standards | Penalty Recommended |
| 08/06/1988 | 10/02/1992 | TANK TEST FAILURE | 2-213918 | NO | NO |

| | | | | | | |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
| #2 FUEL OIL | PETROLEUM | -1.00 | UNKNOWN | 0.00 | UNKNOWN | GROUNDWATER |

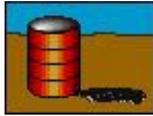
TANK TEST INFORMATION

| | | | | |
|-------------|-----------|------------------|-----------|-----------------------|
| Tank Number | Tank Size | Tank Test Method | Leak Rate | Gross Leak or Failure |
| | | Unknown | 0.00 | UNKNOWN |

Caller Remarks:

5K TANK FAILED WITH A LEAK RATE OF -0.321GPH, WILL EXCAVATE, ISOLATE AND RETEST.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.



CLOSED STATUS UNKNOWN CAUSE SPILLS AND OTHER CAUSE SPILLS IDENTIFIED WITHIN 1/2 MILE SEARCH RADIUS

Please Note: * - Compass directions can vary substantially for sites located very close to the subject property address.

Map Identification Number 109 **38TH AVE**
UNION ST.

Spill Number: 9611328 **Close Date: 12/16/1996**
QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 0 feet

ADDRESS CHANGE INFORMATION
Revised street: 38TH AVE / UNION ST
Revised zip code: 11354

Source of Spill: COMMERCIAL VEHICLE
Notifier Type: Local Agency
Caller Name: HOWARD LEVY
DEC Investigator: ADZHITOM

Spiller: NYC TRANS.
Notifier Name: NYC TRANSIT.
Caller Agency: DEP
Contact for more spill info: HOWARD LEVY

Spiller Phone: (718) 927-7777
Notifier Phone: (516) 379-7294
Caller Phone: (718) 595-6700
Contact Person Phone: (718) 595-6700

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 12/13/1996 | | UNKNOWN | NO | NO |

| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| DIESEL | PETROLEUM | 10.00 | GALLONS | 0.00 | GALLONS | SOIL |

Caller Remarks: CALLER STATES THAT HE RECEIVED A CALL FROM NYC TRANS. THAT ONE OF THEIR BUSES LEAKED ABOUT 10 GALS. OF FUEL. NYC TRANS. ON SCENE AND IS CLEANING UP SPILL USING SPEEDY DRY.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ZHITOMIRSKY"

Map Identification Number 110 **142-05 ROOSEVELT AVE**
 142-05 ROOSEVELT AVE A330

Spill Number: 9805966
 FLUSHING, NY NO ZIP PROVIDED

Close Date: 10/21/1998

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 220 feet to the ESE

ADDRESS CHANGE INFORMATION

Revised street: 14205 ROOSEVELT AVE
 Revised zip code: 11354

Source of Spill: COMMERCIAL/INDUSTRIAL
 Notifier Type: Citizen
 Caller Name: MARSHALL SIDMAN
 DEC Investigator: MCTIBBE

Spiller: UNKNOWN
 Notifier Name:
 Caller Agency: CITIZEN
 Contact for more spill info: CALLER

Spiller Phone:
 Notifier Phone:
 Caller Phone: (718) 661-1808
 Contact Person Phone: (718) 661-1808

Spill Class: POSSIBLE REL WITH MIN POTENTIAL FOR FIRE OR HAZARD (OR KNOWN REL W/ NO DAMAGE);NO DEC RESP;WILLING RP;CORR ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 08/13/1998 | | OTHER | NO | NO |

| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| TAR | OTHER | 0 | GALLONS | 0 | GALLONS | AIR |

Caller Remarks: CALLER REPORTS STRONG TAR ODOR COMMING INTO APT FROM COMPANY WORKING OUTSIDE.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TIBBE" TARRING ROOF. NO SPILL.

Map Identification Number 111 **MANHOLE 1698**
 ROOSEVELT AVE NEAR UNION

Spill Number: 0211454
 QUEENS, NY NO ZIP PROVIDED

Close Date: 04/03/2003

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 246 feet to the SE

ADDRESS CHANGE INFORMATION

Revised street: ROOSEVELT AVE / UNION ST
 Revised zip code: NO CHANGE

Source of Spill: UNKNOWN
 Notifier Type: Local Agency
 Caller Name:
 DEC Investigator: JHOCONNE

Spiller: UNKNOWN
 Notifier Name:
 Caller Agency:
 Contact for more spill info: TOM MARCINEK

Spiller Phone:
 Notifier Phone:
 Caller Phone:
 Contact Person Phone: (212) 580-6763

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | | Penalty Recommended | |
|-------------------|---------------------|------------------|-------------------------|--------------------|---------------------|----------------------|
| 02/18/2003 | | UNKNOWN | NO | | NO | |
| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
| UNKNOWN PETROLEUM | PETROLEUM | 1.00 | GALLONS | 0.00 | GALLONS | SEWER |

Caller Remarks:

1 PINT ON 1000 GALLONS WATER - NO SMOKE FIRE WATERWAY OR INJURIES

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"
e2mis no. 147-205:

2-18-03 0410 HRS

FOUND APPROX 1 PINT UNKNOWN OIL ON 1000 GALLONS WATER. HE DOES NOT SEE A SEWER CONNECTION OR SUMP AT THIS TIME. LIQUID SEEMS CONTAINED, NO SEWERS OR WATERWAYS AFFECTED. HE TOOK A LIQUID SAMPLE. WILL START CLEANUP AS 50-499 IN THE MORNING.

UPDATE 2-18-03 0636 HRS: CHEM LAB # 03-01377-001 < 1 PPM.

Update - 2/18/03 1046hrs, while performing clean up found an earthen sump.

UPDATE 2-18-03 1140 HRS R. HUTCHINSON OS FLUSH DEPT REPORTS CLEANUP IS COMPLETED. THEY DOUBLE WASH STRUCTURE WITH BIO-JEN 760. THEY REMOVED ALL LIQUIDS WITH THERE VACTOR. THEY FOUND AND EARTHEN SUMP WITH NO SIGNS OF OIL IN IT. THEY CEMENTED SAME . THEY REMOVED E.S.TAG # 26299. INCIDENT IS COMPLETED.

Map Identification Number 112 **38-01 MAIN STREET**
 38-01 MAIN STREET

Spill Number: 9308905 **Close Date: 10/22/1993**
 FLUSHING, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 374 feet to the WSW

ADDRESS CHANGE INFORMATION
 Revised street: 3801 MAIN STREET
 Revised zip code: NO CHANGE

Source of Spill: TANK TRUCK
 Notifier Type: Local Agency
 Caller Name: VIRGINIA SOVIERO
 DEC Investigator: CAMMISA

Spiller: PETRO FUEL OIL
 Notifier Name:
 Caller Agency: PETRO FUEL OIL
 Contact for more spill info:

Spiller Phone:
 Notifier Phone:
 Caller Phone: (718) 545-3662
 Contact Person Phone:

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 10/22/1993 | 10/22/1993 | UNKNOWN | UNKNOWN | NO |

| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| #2 FUEL OIL | PETROLEUM | -1.00 | GALLONS | 0.00 | GALLONS | SOIL |

Caller Remarks:

SPILL CONTAINED SOUTSIDE AT VENT SORBENT APPLIED & P/U -

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 113 **MANHOLE # 11103**
 MAIN ST/39TH AVE

Spill Number: 0008568 **Close Date: 05/07/2001**
 QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 383 feet to the SW

ADDRESS CHANGE INFORMATION
 Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: UNKNOWN
 Notifier Type: Affected Persons
 Caller Name:
 DEC Investigator: KMFOLEY

Spiller: UNKNOWN
 Notifier Name:
 Caller Agency:
 Contact for more spill info: RICHARD ROACH

Spiller Phone:
 Notifier Phone:
 Caller Phone:
 Contact Person Phone: (212) 580-6763

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | | Penalty Recommended | | |
|-------------------|---------------------|------------------|-------------------------|--------------------|---------------------|----------------------|--|
| 10/23/2000 | | UNKNOWN | NO | | NO | | |
| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected | |
| UNKNOWN PETROLEUM | PETROLEUM | 1.00 | GALLONS | 1.00 | GALLONS | SOIL | |

Caller Remarks:

ABOVE MATERIAL DISCOVERED AT ABOVE LOCATION ON TOP OF 100 GALLONS OF WATER. AMOUNT REPORTED AS 1 PINT. CON ED # 133057. SAMPLE TAKEN AND CLEANUP IS PENDING RESULTS. NO CALL BACK REQUESTED.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "FOLEY"
 DEC INSPECTOR'S NOTES

CON ED E2MIS REPORT 10-23-00

1pt. unknown oil on 100gals water in MH11103, found while doing pre inspections on 7q63, contained to structure, no sewers or waterways affected. Previous cleanup done on 10-18-00 Incident#133950. There is a cement sump in structure. Sample has been taken and marked priority.

10-23-00 1240

Mr. Satira found a leaky joint. Joint is not leaking at present time.

10-23-00 1891hrs.

Sample returned lab#IS 00-10163 <1.00ppm

3-19-01 10:52

| | | |
|---------------------------------|--|--------------------------------------|
| Source of Spill: UNKNOWN | Spiller: UNKNOWN | Spiller Phone: |
| Notifier Type: Affected Persons | Notifier Name: | Notifier Phone: |
| Caller Name: | Caller Agency: | Caller Phone: |
| DEC Investigator: JHOCONNE | Contact for more spill info: BILL MURPHY | Contact Person Phone: (212) 580-6763 |

Spill Class: KNOWN RELEASE THAT CREATES POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | | Penalty Recommended | |
|------------|---------------------|----------------|-------------------------|--|---------------------|--|
| 08/03/2000 | | UNKNOWN | NO | | NO | |

| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
|-------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN PETROLEUM | PETROLEUM | 1.00 | GALLONS | 0.00 | GALLONS | SOIL |

Caller Remarks:

1 QUART ON 40 GALLONS OF WATER. CON ED# 132677

SAMPLE TAKEN, CLEAN UP PENDING.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"
E2MIS NOTES:

8/3/2001 09:15 HRS

1 QUART OF UNKNOWN OIL ON APPROX. 40 GALLONS OF WATER IN SB-8416. SPILL APPEARS TO BE CONTAINED. NO SEWERS OR WATERWAYS AFFECTED. LIQUID SAMPLE TAKEN.

TEST RESULTS RECEIVED <1 PPM PCB'S.

9/1/00: CLEANUP COMPLETED BY DOUBLE WASHING THE STRUCTURE WITH SLIX. WASTE PRODUCT GENERATED WAS REMOVED USING DIAPERS, COAGULANT AND VACTOR. NO LEAKING COMPANY EQUIPMENT, INCIDENT CLOSED.

ARS

Map Identification Number 116 **MAN HOLE 15679**
 ROOSEVELT AV/MAIN ST

Spill Number: 9906670 **Close Date: 12/13/1999**
 QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 441 feet to the SW

ADDRESS CHANGE INFORMATION
 Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL
 Notifier Type: Affected Persons
 Caller Name: FRANK MASSERIA
 DEC Investigator: CAENGELH

Spiller: UNKNOWN
 Notifier Name: MR PACE
 Caller Agency: CON EDISON
 Contact for more spill info: FRANK MASSERIA

Spiller Phone:
 Notifier Phone: () -
 Caller Phone: (212) 580-6763
 Contact Person Phone: (212) 580-6763

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | | Penalty Recommended | |
|------------|---------------------|----------------|-------------------------|--|---------------------|--|
| 09/03/1999 | | UNKNOWN | NO | | NO | |

| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
|-------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN PETROLEUM | PETROLEUM | 2.00 | GALLONS | 0.00 | GALLONS | SOIL |

Caller Remarks:
 2 GALLONS ON 100 GALLONS OF WATER. SAMPLE TAKEN/CLEAN UP PENDING.
 CON ED #127583

DEC Investigator Remarks:
 Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ENGELHARDT"
 Con ed e2mis notes:

2 gal of unknown oil on 100 gal of water, no other oil filled equipment in hole. 1 liquid sample was taken.

Reports tanker drain liquid from structure and flush crew double wash hole. Clean up was completed, found sump cemented. Structure 100% clean and env tag 23339 removed.

Map Identification Number 117 **MANHOLE #22493**
 ROOSEVELT AV & MAIN ST

Spill Number: 0002351 **Close Date: 09/24/2001**
 QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 441 feet to the SW

ADDRESS CHANGE INFORMATION
 Revised street: ROOSEVELT AV / MAIN ST
 Revised zip code: NO CHANGE

Source of Spill: UNKNOWN
 Notifier Type: Other
 Caller Name:
 DEC Investigator: JHOCONNE

Spiller: UNKNOWN
 Notifier Name:
 Caller Agency:
 Contact for more spill info: RICHARD ROACH

Spiller Phone:
 Notifier Phone:
 Caller Phone:
 Contact Person Phone: (212) 580-6763

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 05/25/2000 | | UNKNOWN | NO | NO |

| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
|-------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN PETROLEUM | PETROLEUM | 1.00 | GALLONS | 0.00 | GALLONS | SOIL |

Caller Remarks:

SAMPLE TAKEN & CLEAN UP PENDING TEST RESULTS - CON ED #131570

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"
 Con Ed e2mis #131570:

5-25-00 1/2liter unknown oil on 3gal water in manhole. Sample returned <1ppm PCB.

Solidified free flowing oil. Double washed and removed all liquids and solids with vactor. No oil filled equipment in structure.
 No sump.

Map Identification Number 118 **MANHOLE 10270**
 ROOSEVELT AV/MAIN ST

Spill Number: 0002346 **Close Date: 09/24/2001**
 QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 441 feet to the SW

ADDRESS CHANGE INFORMATION
 Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL
 Notifier Type: Responsible Party
 Caller Name:
 DEC Investigator: JHOCONNE

Spiller: CALLER - CON EDISON
 Notifier Name:
 Caller Agency:
 Contact for more spill info: BILL MURPHY

Spiller Phone: (212) 580-6763
 Notifier Phone:
 Caller Phone:
 Contact Person Phone: (212) 580-6763

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 05/25/2000 | | UNKNOWN | NO | NO |

| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
|-------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN PETROLEUM | PETROLEUM | 1.00 | GALLONS | 0.00 | GALLONS | SOIL |

Caller Remarks:

1 LITER UNK OIL ON 60GAL OF WATER - CONTAINED - CASE #131569 - SAMPLE TAKEN

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"
 Con Ed e2mis #131569:

5-25-00 1 liter unknown oil on 60gal water in manhole. Sample returned <1ppm PCB.

5-26-00 Env Ops reports cleanup completed at this time. Solidified all free flowing oil. Double washed and removed all liquids and solids with vacator. No sump. No oil filled electrical equipment in structure.

Map Identification Number 119 **VERIZON**
 137-34 NORTHERN BLVD

Spill Number: 0130015 **Close Date: 08/27/2001**
 QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 545 feet to the NW

ADDRESS CHANGE INFORMATION
 Revised street: 13734 NORTHERN BLVD
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL
 Notifier Type: DEC
 Caller Name:
 DEC Investigator: MCTIBBE

Spiller: VERIZON
 Notifier Name:
 Caller Agency:
 Contact for more spill info:

Spiller Phone:
 Notifier Phone:
 Caller Phone:
 Contact Person Phone:

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 08/27/2001 | | UNKNOWN | NO | NO |

| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| #2 FUEL OIL | PETROLEUM | 0 | GALLONS | 0 | GALLONS | SOIL |

Caller Remarks:

MINOR SOIL CONTAMINATION ENCOUNTERED IN SOIL BORING. SPILL OPENED FOR TRACKING PURPOSES.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TIBBE"

Map Identification Number 120 **BLACKTOP**
 137-58 NORTHERN BLVD R/O

Spill Number: 9508012 **Close Date: 11/22/1996**
 QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 553 feet to the N

ADDRESS CHANGE INFORMATION
 Revised street: 13758 NORTHERN BLVD
 Revised zip code: 11354

Source of Spill: UNKNOWN
 Notifier Type: Local Agency
 Caller Name: CHERYL WILLIAMS
 DEC Investigator: MCTIBBE

Spiller: UNKNOWN
 Notifier Name: UNKNOWN
 Caller Agency: NYC DEP - HAZMAT UNIT
 Contact for more spill info:

Spiller Phone:
 Notifier Phone:
 Caller Phone: (718) 595-6777
 Contact Person Phone:

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | | Penalty Recommended | |
|-------------------|---------------------|------------------|-------------------------|--------------------|---------------------|----------------------|
| 09/29/1995 | | UNKNOWN | NO | | NO | |
| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
| UNKNOWN PETROLEUM | PETROLEUM | 0 | GALLONS | 0 | GALLONS | SOIL |

Caller Remarks: CALLER STATED BLACK LIQUID FLOWING FROM DRUM IN REAR OF ADDRESS - NO FURTHER

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TIBBE"
 LEAKING COM. BOARD, MARILYN DENISE - REQUIRES DEC PRESENCE - KENNETH RESPONDING FROM DEP.

HANDLED BY NYCDEP

Map Identification Number 121 SEARS **Spill Number: 0006121** **Close Date: 06/18/2003**
 137-45 NORTHERN BLVD FLUSHING, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 607 feet to the NNW

ADDRESS CHANGE INFORMATION
 Revised street: 13745 NORTHERN BLVD
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL Spiller: RICHARD J. WEINBERG,ESQ - RICHARD WEINBERG, ESQ Spiller Phone:
 Notifier Type: Other Notifier Name: Notifier Phone:
 Caller Name: Caller Agency: Caller Phone:
 DEC Investigator: SIGONA Contact for more spill info: WAYNE BURTON Contact Person Phone: (518) 449-7680

Spill Class: KNOWN RELEASE THAT CREATES A FIRE OR HAZARD;DEC RESPONSE;UNABLE/UNWILLING RESPONSIBLE PARTY;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | PBS # Involved | Meets Cleanup Standards | | Penalty Recommended |
|------------------|---------------------|------------------|----------------|-------------------------|---------|----------------------|
| 08/21/2000 | | UNKNOWN | 2-604699 | NO | | NO |
| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
| #2 FUEL OIL | PETROLEUM | 0 | GALLONS | 0 | GALLONS | SOIL |

Caller Remarks:

CALLER IS A ATTORNEY THAT REPERSENTS THE PROPERTY OWNERS AND SAYS THAT LAST WEEK WITH THE HEAVEY RAIN OIL WAS COMING UP TO THE TOP
 CALLER WANTS A CALL BACK *****

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 122 **MANHOLE #13533** **Spill Number: 0007280** **Close Date: 10/26/2000**
 ROOSEVELT AV & BOWNE QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 678 feet to the E

ADDRESS CHANGE INFORMATION
 Revised street: ROOSEVELT AV / BOWNE ST
 Revised zip code: NO CHANGE

Source of Spill: UNKNOWN Spiller: UNKNOWN Spiller Phone:
 Notifier Type: Affected Persons Notifier Name: Notifier Phone:
 Caller Name: Caller Agency: Caller Phone:
 DEC Investigator: KMFOLEY Contact for more spill info: ANTHONY NATALE Contact Person Phone: (212) 580-6763

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | | Penalty Recommended | |
|------------|---------------------|----------------|-------------------------|--|---------------------|--|
| 09/21/2000 | | UNKNOWN | NO | | NO | |

| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
|-------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN PETROLEUM | PETROLEUM | 1.00 | GALLONS | 0.00 | GALLONS | SOIL |

Caller Remarks:

ON 800 GALS OF WATER - CLEANUP PENDING TEST RESUTLS REF #133510

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "FOLEY"
 e2mis notes:

Approximately 1-gallon of oil on 800 gallons of water in manhole 13533. Sample results <1ppm PCBs. Cleanup complete by double washing. No leaking equipment was found. Sump cemented. Incident is closed.

Map Identification Number 123

36-18 MAIN STREET

Spill Number: 9710135
 FLUSHING, NY NO ZIP PROVIDED

Close Date: 07/14/2003

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 686 feet to the WNW

ADDRESS CHANGE INFORMATION

Revised street: 3618 MAIN STREET
 Revised zip code: UNKNOWN

Source of Spill: UNKNOWN
 Notifier Type: Local Agency
 Caller Name: ALBERT GORDON
 DEC Investigator: SIGONA

Spiller: SAME
 Notifier Name: ALBERT GORDON
 Caller Agency: NYC DEP
 Contact for more spill info:

Spiller Phone:
 Notifier Phone: (718) 595-4714
 Caller Phone: (718) 595-4714
 Contact Person Phone:

Spill Class: KNOWN RELEASE THAT CREATES POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;UNKNOWN RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 12/03/1997 | | UNKNOWN | NO | NO |

| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| #2 FUEL OIL | PETROLEUM | 0 | GALLONS | 0 | GALLONS | AIR |

Caller Remarks: Caller stated that a strong odor of fuel oil is present inside building.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 124

MANHOLE 16934
 KISSENA BLVD & 41ST AVE

Spill Number: 0210225
 QUEENS, NY NO ZIP PROVIDED

Close Date: 02/26/2003

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 727 feet to the SSW

ADDRESS CHANGE INFORMATION

Revised street: KISSENA BLVD / 41ST AVE
 Revised zip code: NO CHANGE

Source of Spill: UNKNOWN
 Notifier Type: Affected Persons
 Caller Name:
 DEC Investigator: AERODRIG

Spiller: UNKNOWN
 Notifier Name:
 Caller Agency:
 Contact for more spill info: CALLER

Spiller Phone:
 Notifier Phone:
 Caller Phone:
 Contact Person Phone:

Spill Class: POSSIBLE REL WITH MIN POTENTIAL FOR FIRE OR HAZARD (OR KNOWN REL W/ NO DAMAGE);NO DEC RESP;WILLING RP;CORR ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 01/09/2003 | | UNKNOWN | NO | NO |

| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
|-------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN PETROLEUM | PETROLEUM | 1.00 | GALLONS | 0.00 | GALLONS | SEWER |

Caller Remarks:

1 QT ON 200 GALONS WATER.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "RODRIGUEZ"
E2MIS NOTES 146642

1/9/03-1320HRS FOD L.WILLIAMS #11235 REPORTS WHILE DOING SCH WORK ON FEEDER 7Q83 FOUND APPROX 1-QUART OF UNKNOWN OIL ON 200
GALLONS OF WATER IN MH-16934.

IT APPEARS TO BE CONTAINED AT THIS TIME NO SEWERS OR WATERWAYS EFFECTED.NO FIRE OR SMOKE OR PRIVATE PROPERTY INVOLVED.

1-SAMPLE TAKEN ENVIR TAG#15618 PLACED.

CLEANUP PENDING TEST RESULTS.

INCIDENT ON 24HRS DEC PROGRAM.

UPDATE 1-9-03 2035 HRS CHEM LAB # 03-00229-001 < 1 PPM LAZ # 04425

UPDATE: 1/10/03 - 0740

A. VALLONE - ENV. OPS., REPORTS AN EARTHEN SUMP IN THE STRUCTURE. INCIDENT IS NOW TAKEN OFF THE 24 HOUR CLOCK.

UPDATE: 1/10/03 - 0820

A. VALLONE - ENV. OPS., REPORTS CLEANUP COMPLETED BY DOUBLE WASHING STRUCTURE WITH BIO GEN 760. SUMP CLEANED & CEMENTED.

TAG # 15618 REMOVED. TJ - 50495

Map Identification Number 125

NORTHERN BLVD/BOWNE ST

QUEENS, NY NO ZIP PROVIDED

Spill Number: 0200436

Close Date: 10/16/2002

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING

Approximate distance from property: 827 feet to the NNE

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: UNKNOWN
 Notifier Type: Affected Persons
 Caller Name:
 DEC Investigator: JHOCONNE

Spiller: UNKNOWN
 Notifier Name:
 Caller Agency:
 Contact for more spill info:

Spiller Phone:
 Notifier Phone:
 Caller Phone:
 Contact Person Phone:

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | | Penalty Recommended | |
|------------|---------------------|----------------|-------------------------|--|---------------------|--|
| 04/12/2002 | | UNKNOWN | NO | | NO | |

| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
|-------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN PETROLEUM | PETROLEUM | 6.00 | GALLONS | 0.00 | GALLONS | SOIL |

Caller Remarks:

found in a gas main valve box - con ed is handling the clean up - ref #142244

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O CONNELL"
 e2mis no. 142-244:

The crew while performing a main vale inspection found about 6 gals of an unknown oil in the valve box.

clean up is in progress. it did not enter any water ways or sewers.

Logger Kenneth Heyman #96534 4/15/02 14:00 Update: I was at this on 4/12/02 around 14:00, there was a mixture of oil and water in this curb valve box (12" x 12") in the middle of the Street. The closest address for this valve box was 36-11 Bowne St. The mechanic (Rick Cook) was performing a valve inspection when he discovered this oil in the curb valve box. He set up containment and removed the liquid from the curb valve box. He removed approxiametly 5 - 1/2 gallons of an oil water mixture. The street where this valve box is located appears to be newly paved. I assume this is roadway oil from the paving job. I will have the oil sampled for PCB's and Oil I.D. for disposal purposes.

Lab Sequence Number: 02-03240-001 Analysis indicates the presence of a substance similar to a lubricating oil.

Lab Sequence Number: 02-03238-001 Aroclor 1260 < 1.0 ppm

Map Identification Number 126

E OF 135-25 NORTHERN BLVD

Spill Number: 9809614

Close Date: 10/30/1998

QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 840 feet to the WNW

ADDRESS CHANGE INFORMATION

Revised street: 13525 NORTHERN BLVD
 Revised zip code: 11354

Source of Spill: UNKNOWN
 Notifier Type: Fire Department
 Caller Name: FIREMAN LAROCCHIA
 DEC Investigator: SACCACIO

Spiller: DEC
 Notifier Name:
 Caller Agency: NYC FIRE DEPT
 Contact for more spill info: FIREMAN LAROCCHIA

Spiller Phone:
 Notifier Phone:
 Caller Phone: (917) 769-0483
 Contact Person Phone: (917) 769-0483

Spill Class: NO SPILL OCCURRED;NO DEC RESPONSE;NO CORRECTIVE ACTION REQUIRED

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | | Penalty Recommended | |
|------------------|---------------------|------------------|-------------------------|--------------------|---------------------|----------------------|
| 10/30/1998 | | OTHER | NO | | NO | |
| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
| UNKNOWN MATERIAL | OTHER | 0 | GALLONS | 0 | GALLONS | SOIL |

Caller Remarks: 2 55 gal drums labeled drill shavings and nys dec were found ifo above address. can contact hazmat officer at 718-476-6288

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 127

RESIDENTIAL FACILITY
 41-25 KISSENA BLVD

Spill Number: 0413170

Close Date: 03/21/2005

FOREST HILLS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 849 feet to the S

ADDRESS CHANGE INFORMATION

Revised street: 4125 KISSENA BLVD
 Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING Spiller: UNKNOWN NAME - RESIDENTIAL FACILITY Spiller Phone: () -
 Notifier Type: Affected Persons Notifier Name: Notifier Phone:
 Caller Name: Caller Agency: Caller Phone:
 DEC Investigator: JXZHAO Contact for more spill info: UNKNOWN NAME Contact Person Phone: () -

Spill Class: KNOWN RELEASE THAT CREATES POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | | Penalty Recommended | |
|------------|---------------------|----------------|-------------------------|--|---------------------|--|
| 03/17/2005 | | UNKNOWN | NO | | NO | |

| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| #6 FUEL OIL | PETROLEUM | 0 | GALLONS | 0 | GALLONS | SOIL |

Caller Remarks:

LEAK FROM 20,000 GAL TANK ONTO CONCRETE FLOOR. CLEAN UP PENDING. TANK COMPANY WILL BE CONTACTED. MECHANIC TO BE DISPATCHED TONITE - ROT ON SIDE OF TANK

DEC Investigator Remarks:

Duplicated call. Referred to spill # 0413171.

Map Identification Number 128 **141-25 NORTHERN BLVD/QUNS** **Spill Number: 8807938** **Close Date: 04/21/1989**
 141-25 NORTHERN BLVD NEW YORK CITY, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION ADDRESS CHANGE INFORMATION
 Site location mapped by: ADDRESS MATCHING Revised street: 14125 NORTHERN BLVD
 Approximate distance from property: 887 feet to the NNE Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL Spiller: UNKNOWN Spiller Phone:
 Notifier Type: Fire Department Notifier Name: Notifier Phone:
 Caller Name: FIRE MARSHALL SMITH Caller Agency: NYCFD Caller Phone: (212) 847-0588
 DEC Investigator: TOMASELLO Contact for more spill info: Contact Person Phone:

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | | Penalty Recommended | |
|------------|---------------------|----------------|-------------------------|--|---------------------|--|
| 01/02/1989 | 01/02/1989 | UNKNOWN | UNKNOWN | | NO | |

| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| #4 FUEL OIL | PETROLEUM | 500.00 | GALLONS | 0.00 | GALLONS | SOIL |

Caller Remarks:

BLDG STRUCTURE FIRE, DEC (TOMASELLO) RESPONDED, SPILL CLEANED UP.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 129 **VAULT # 6640** **Spill Number: 0300630** **Close Date: 07/18/2003**
 PRINCE ST & ROSEVELT AVE QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 956 feet to the SW

ADDRESS CHANGE INFORMATION

Revised street: PRINCE ST / ROOSEVELT AV
 Revised zip code: NO CHANGE

| | | |
|---------------------------------|-------------------------------------|-----------------------|
| Source of Spill: UNKNOWN | Spiller: UNKNOWN | Spiller Phone: |
| Notifier Type: Affected Persons | Notifier Name: | Notifier Phone: |
| Caller Name: | Caller Agency: | Caller Phone: |
| DEC Investigator: AERODRIG | Contact for more spill info: CALLER | Contact Person Phone: |

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 04/17/2003 | | UNKNOWN | NO | NO |

| Material Spilled | Material Class | Quantity Spilled | | Quantity Recovered | | Resource(s) Affected |
|-------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| | | Units | | Units | | |
| UNKNOWN PETROLEUM | PETROLEUM | 1.00 | GALLONS | 0.00 | GALLONS | SEWER |

Caller Remarks:

1 pt oil on 40 gallons water. investigating.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "RODRIGUEZ"
 e2mis 147965

4-17-03 1130 HRS K. OH # 88458 OS FLUSH DEPT REPORTS WHILE REMOVING A TRANSF FROM TM6640 (WAS REMOVED AND TAKEN AWAY FROM LOCATION) TM6640 CEN / OF PRINCE ST 26' N/O ROOSEVELT AVE ON FDR. 7Q78 SHE FOUND 1 PINT OF UNKNOWN OIL ON 40

GALLONS WATER. SHE IS CALLING THIS UNKNOWN OIL. TRANSF WAS NOT PRESSURE TESTED. HISTORICAL RECORD OF TRANSF IS 10 PPM AND WAS LAST TESTED 7-19-1995. TRUCK # 60506 SUCK UP LIQUIDS (CONTAMINATED) AND WILL CONTINUE TO COMPLETE CLEANING OF STRUCTURE AS 50-499 PPM. THERE WAS NO FIRE OR SMOKE AT THIS LOCATION. NO PRIVATE PROPERTY AFFECTED. NO INJURIES DUE TO THIS SPILL. . THEY DO NOT SEE A SEWER CONNECTION OR SUMP PUMP AT THIS TIME. LIQUID SEEMS CONTAINED, NO SEWERS OR WATERWAYS AFFECTED.. THEY TOOK A LIQUID SAMPLE FROM STRUCTURE. (NO SAMPLE TO BE TAKEN FROM VEHICLE AS PER MR. SALADINO). THEY REQUESTED EMERG PRIORITY FOR PCB SAMPLE RESULTS. CLEANUP WAS STARTED AS 50-499 PPM (REMOVED ALL LIQUIDS AND SOLID WITH CONTAMINATED TK60506. PLACED E.S.TAG # 34165 . TAG WILL REMAIN IN PLACE UNTILL SAMPLE RESULTS COME BACK. TRUCK TO BE PLACED IN CONTAMINATED AREA IN FLUSH YARD , ROPE OFF. THIS INCIDENT WILL NOT GO ON THE 24 HRS DEMINIMIS PROGRAM DUE TO EARTHEN SUMP AND UNKNOWN OIL LEAVING STRUCTURE (TRUCK SUCKING LIQUIDS FROM STRUCTURE.) CHAIN OF CUSTODY # 50-499 FOUND EARTHEN SUMP AT 1155 HRS. N/P ANYTIME CIG DIDONATO NOTIFIED 1239 HRS

UPDATE 4-17-03 1225 HRS AS PER R. HUTCHINSON OS FLUSH DEPT THERE IS A SUMP AND WAS FOUND CEMENTED. THERE IS NO EARTHEN SUMP IN STRUCTURE AT THIS TIME, THIS STILL WILL NOT GO ON THE 24 HRS DEMINIMIS PROGRAM.

LAB RESULT RECEIVED 4/17/03 - 1654. 03-03169. <1.0 PPM. CLEANUP IS COMPLETE. TAG TO BE REMOVED. TJ - 50495

4/17/03 19:30 Hrs. O.S. G.Jacobi reports Queens Env Ops crew Raft, Castro and O.S. Jacobi inspected inside the debris tank of the truck it was 1/3 full with liquid. Diapers where placed inside tank on water and no visible signs of oil were present. One box of solidification was placed inside the tank as a precaution.

Vactor was offloaded at Farrington St. facility and job is 100% complete.

Map Identification Number 130 **MANHOLE 2754**
 PRINCE STREET/ROOSEVELT

Spill Number: 0008180 **Close Date: 05/30/2001**
 QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 956 feet to the SW

ADDRESS CHANGE INFORMATION
 Revised street: PRINCE ST / ROOSEVELT AVE
 Revised zip code: NO CHANGE

Source of Spill: UNKNOWN
 Notifier Type: Local Agency
 Caller Name:
 DEC Investigator: JHOCONNE

Spiller: UNKNOWN
 Notifier Name:
 Caller Agency:
 Contact for more spill info: STEVEN ROMERO

Spiller Phone:
 Notifier Phone:
 Caller Phone:
 Contact Person Phone: (212) 580-6763

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | | Penalty Recommended | |
|------------|---------------------|----------------|-------------------------|--|---------------------|--|
| 10/12/2000 | | UNKNOWN | NO | | NO | |

| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
|-------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN PETROLEUM | PETROLEUM | 1.00 | GALLONS | 0.00 | GALLONS | SOIL |

Caller Remarks:

1 QUART ON FLOOR OF MANHOLE

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"
 DEC INSPECTOR'S NOTES

CON ED E2MIS REPORT 10-12-00

Found approx. 1qt of unknown oil mixed into mud on floor of MH-2754. Took sample of mud & oil mix, not able to get a liquid sample. Source of oil is unknown but Satira notified his office of a possible swollen hjoint i MH and he is remaining on location until Underground Supervisor responds to investigate.

Lab Seq.# 00-09826 5ppm

Update

Env. Ops reports structure was double washed and rinsed using slix and water. Cleanup completed as of 1-10-01 1825hrs. Upon arrival with cable foreman found default had been repaired.

Incident closed.

Map Identification Number 131 **CAR** **Spill Number: 0402589** **Close Date: 08/17/2004**
 135-05 NORTHERN BLVD QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 1027 feet to the WNW

ADDRESS CHANGE INFORMATION
 Revised street: 13505 NORTHERN BLVD
 Revised zip code: UNKNOWN

Source of Spill: PASSENGER VEHICLE Spiller: CAR Spiller Phone:
 Notifier Type: Fire Department Notifier Name: Notifier Phone:
 Caller Name: Caller Agency: Caller Phone:
 DEC Investigator: SMSANGES Contact for more spill info: DISPATCHER 318 Contact Person Phone: (718) 476-6200

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | | Penalty Recommended | |
|------------------|---------------------|------------------|-------------------------|--------------------|---------------------|----------------------|
| 06/09/2004 | | UNKNOWN | NO | | NO | |
| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
| #2 FUEL OIL | PETROLEUM | 0 | POUNDS | 0 | POUNDS | SEWER |

Caller Remarks:

OIL CAME FROM CAR, CAR NO LONGER ON SCENE, NO ONE KNOWS WHO THE SPILLER REALLY IS, THE CAR LEFT THE SCENE

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "SANGESLAND"

Map Identification Number 132 **MANHOLE 16929**
 BARKLEY AVE & BROWN ST

Spill Number: 0311577 **Close Date: 05/28/2004**
 QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 1183 feet to the ESE

ADDRESS CHANGE INFORMATION
 Revised street: BARCLAY AVE / BOWNE ST
 Revised zip code: NO CHANGE

Source of Spill: UNKNOWN
 Notifier Type: Responsible Party
 Caller Name:
 DEC Investigator: JHOCONNE

Spiller: UNKNOWN FUEL COMPANY
 Notifier Name:
 Caller Agency:
 Contact for more spill info:

Spiller Phone: (212) 580-8383
 Notifier Phone:
 Caller Phone:
 Contact Person Phone: (212) 580-8383

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 01/13/2004 | | UNKNOWN | NO | NO |

| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
|-------------------------------|----------------|------------------|--------|--------------------|--------|----------------------|
| WASTE OIL/USED OIL (NOT FUEL) | PETROLEUM | 0 | POUNDS | 0 | POUNDS | SOIL |

Caller Remarks:

.25 gallons unknown type oil in 860 gallons water, not weather related, no transformer involved

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"
 e2mis no. 151719:

1/13/04 0913hrs - Bill Deitsch # 28196 Planning Inspector UG reports while doing inspections for dead cable found 1 qt unknown oil on 860 gallons water in MH16929. Sample taken marked E priority - 24 hr program - chain of custody # CC06337. Spill appears to be contained to structure.

UPDATE: 13-JAN-2003 1510HRS LAB RESULTS RETURNED LSN # 04-00248-001 <1.0PPM

Update - 2/17/04 1210hrs

J. Davis, env. ops mech reports tanker removed 700 gallons of liquid from structure. Using vacor double washed structure with

biogen 760. No leaking co. equipment found. Found an earthen sump which he cemented. Removed env. stop tag # 23297. Clean up completed.

Map Identification Number 133 **133-30 37TH AVE.**
133-30 37TH AVE.

Spill Number: 9209651
QUEENS, NY NO ZIP PROVIDED

Close Date: 02/04/1998

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1218 feet to the WSW

ADDRESS CHANGE INFORMATION

Revised street: 13330 37TH AVE.
Revised zip code: UNKNOWN

Source of Spill: UNKNOWN
Notifier Type: Other
Caller Name:
DEC Investigator: WILSON

Spiller:
Notifier Name:
Caller Agency:
Contact for more spill info:

Spiller Phone:
Notifier Phone:
Caller Phone:
Contact Person Phone:

Spill Class: POSSIBLE REL WITH MIN POTENTIAL FOR FIRE OR HAZARD (OR KNOWN REL W/ NO DAMAGE);NO DEC RESP;WILLING RP;CORR ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | | Penalty Recommended | |
|------------|---------------------|----------------|-------------------------|--|---------------------|--|
| 11/19/1992 | | UNKNOWN | NO | | NO | |

| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
|------------------|----------------|------------------|--------|--------------------|--------|----------------------|
| #2 FUEL OIL | PETROLEUM | 0 | POUNDS | 0 | POUNDS | AIR |

Caller Remarks: NO REMARKS GIVEN FOR THIS SPILL

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 134 **NYC DEPT. OF SANITATION**
134-25 35TH AVENUE

Spill Number: 9416972
QUEENS, NY NO ZIP PROVIDED

Close Date: 05/18/1995

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1261 feet to the NW

ADDRESS CHANGE INFORMATION

Revised street: 13425 35TH AVENUE
Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL
Notifier Type: Other
Caller Name: WILLIAM FENNELL
DEC Investigator: GUTIERREZ

Spiller: DEPT OF SANITATION QE 11A
Notifier Name:
Caller Agency: LEHRER MCGOVERN BOVIS
Contact for more spill info:

Spiller Phone:
Notifier Phone:
Caller Phone: (718) 937-5286
Contact Person Phone:

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 03/31/1995 | 05/18/1995 | UNKNOWN | UNKNOWN | NO |

| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
|-------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN PETROLEUM | PETROLEUM | -1.00 | GALLONS | 0.00 | GALLONS | SOIL |

Caller Remarks: CLOSING TANKS AND FOUND SPILL IN SOIL., NO NOTIFICATION IN PBS DATABASE.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 135 MH 569
PRINCE ST/35TH AVE

Spill Number: 0105887 **Close Date: 09/04/2001**
QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1296 feet to the NW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: UNKNOWN
Notifier Type: Affected Persons
Caller Name:
DEC Investigator: JHOCONNE

Spiller: UNKNOWN
Notifier Name:
Caller Agency:
Contact for more spill info: MARK SCHLAGEL

Spiller Phone:
Notifier Phone:
Caller Phone:
Contact Person Phone: (212) 580-6765

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 08/31/2001 | | UNKNOWN | NO | NO |

| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN MATERIAL | OTHER | 1.00 | GALLONS | 1.00 | GALLONS | SOIL |

Caller Remarks:

ref # 139240..clean up complete..1 quart spill. less than 1 ppm. there was an earthen sump in the mh.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"

CON ED2MIS REPORT 8-31-01

1qt. of unknown oil on approx. 1000gals. of water in MH-569. Appears contained, 1 sample taken.

LSN 01-08725-001 @<1ppmPCB

9-01-01 1020hrs.

Cleanup is complete at this time using Bio Gen 760, structure double washed. All debris and liquids in structure removed. Cleanup completed. There was a earthen sump in structure, cemented.

Map Identification Number 136 **VAULT 4075** **Spill Number: 0306817** **Close Date: 10/14/2004**
 UNION ST/SANFORD ST QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 1338 feet to the SSE

ADDRESS CHANGE INFORMATION
 Revised street: UNION ST / SANFORD AVE
 Revised zip code: NO CHANGE

Source of Spill: UNKNOWN Spiller: UNKNOWN Spiller Phone:
 Notifier Type: Other Notifier Name: Notifier Phone:
 Caller Name: Caller Agency: Caller Phone:
 DEC Investigator: AERODRIG Contact for more spill info: PAUL DIDONATO Contact Person Phone: (212) 580-6763

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | | Penalty Recommended | |
|-------------------|---------------------|------------------|-------------------------|--------------------|---------------------|----------------------|
| 09/29/2003 | | UNKNOWN | NO | | NO | |
| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
| UNKNOWN PETROLEUM | PETROLEUM | 1.00 | GALLONS | 0.00 | GALLONS | SOIL |

Caller Remarks:

CON EDISON 150523. VAULT WAS PRESSUREIZED BUT DID NOT HOLD PRESSURE. CLEAN UP PENDING. NO CALL BACK NEEDED. 1 GAL ON 1 GAL OF WATER. update - product reahced the sewer and spill size is now 10-15 gals.

DEC Investigator Remarks:

E2MIS 150523

9-29-03 02:50HRS B. PLATT (FOD) REPORTS, FOUND ONE GALLON OF UNKNOWN OIL ON ONE GALLON OF WATER. AT THIS TIME OIL APPEARS TO BE CONTAINED AND NO SEWERS OR WATERWAYS WERE AFFECTED. OIL WAS DISCOVERED WHILE CHECKING N.W.P ON FEEDER 7Q83. ONE LIQUID SAMPLE WAS TAKEN FROM SUMP IN STRUCTURE. NO SEWER CONNECTION BUT A CONCRETE SUMP WAS PRESENT WITH PUMP DISCONNECTED. HISTORICAL RECORDS INDICATE 9 PPM FROM 5/6/1995 AND THE MANUFACTURE IS G.E 500 KVA. SERIAL # M174727. CLASS CODE FROM UNIT IS PI-GAX . AT THIS TIME NETWORKS WAS DISPATCHED TO LOCATION TO PRESSURE TEST VAULT AND WILL CALL BACK ON NEXT UPDATE. CLEANUP PENDING LAB SAMPLE.

UPDATE*****V. DINEEN 04:25HRS (NETWORKS) REPORTS, VAULT DID NOT HOLD PRESSURE UNIT IS A BOTTOM LEAKER. JOB WILL BE TAKEN OFF THE 24 HR CLOCK. PENDING UNIT DENENERGIZED.

UPDATE***** 04:55HRS ERT DUKE ADVISED TO SEE IF SUMP TRAP HAS OIL IN IT AND IF PIPE CAN BE OPENED S.PACE 49874.

UPDATE***** 05:05HRS HISTORICAL RECORDS REPORTS NO DRAINAGE.

UPDATE***** 06:20HRS V. DINEEN (NET) REPORTS, DURING FURTHER INVESTAGATION OPENED CHECK VALVE AND FOUND OIL ON BOTH SIDES. WHICH INDICATES OIL ENTERED SEWER, UNABLE TO DETERMINE HOW MUCH OIL LEAKED FROM TRANSFORMER FEEDER IS ABF AND NOT READY FOR WORK

LAB RESULT RECEIVED 9/29/03 - 1237. 03-08024. 7 PPM. TJ - 50495

UPDATE @ 2020 W.TORNGREN BQ EQUIPMENT REPORTS TRANSFORMER DRAINED & PIT DRAINED. CAPACITY OF TRANSFORMER MARKED AS 350 GALLONS ESTIMATES THAT LIQUID DRAINED CONTAINED 5 GALLONS OF WATER. 5 GALLONS OF OIL ARE MISSING. AS PER G.JACOBI SEWER CONNECTION WAS ALSO CLEANED.

9/29/03 21:15 HRS. -- G. JACOBI REPORTS ACTUAL TRANSFORMER CAPACITY IS 335 GAL. AND 330 GAL. OF OIL WAS DRAINED FROM TRANSFORMER BY TANKER, LEAVING 5 GAL. OF OIL MISSING. CLEANUP WILL BE DONE ON NEXT SHIFT DUE TO #9 JOBS BEING HANDLED AT THIS TIME. ENV. OPS. SUPERVISOR A. ADLER WILL REMAIN ON LOCATION.

Update 9/30/03 02:00hrs. O.S. B. Bamonte reports on location with Cotsifas & Weihs. Initial clean up is complete. Structure was double washed with bio-gen 760. Sump was found cemented. Checked and cleaned sewer trap. There were no traces of oil found in trap. Weep holes were also checked and cleaned and found no trace of oil had entered adjacent structure. Env. stop tag remains in place at this time until the removal of unit. Area should be inspected prior to removal to see if scaffolding has been removed over unit.

UPDATE: 11/23/03 - 1030

J. RUTIGLIANO - ENV. OPS., REPORTS TRANSFORMER REMOVED. REPLACED WITH NEW UNITBY B.Q.E. CLEANUP COMPLETED BY DOUBLE WASHING STRUCTURE WITH BIO GEN 760. SUMP FOUND CEMENTED.

Map Identification Number 137

38-25 PARSON AVE

Spill Number: 0203679

Close Date: 11/04/2002

QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING

Approximate distance from property: 1347 feet to the ENE

ADDRESS CHANGE INFORMATION

Revised street: 3825 PARSONS BLVD

Revised zip code: NO CHANGE

Source of Spill: UNKNOWN

Notifier Type: Other

Caller Name:

DEC Investigator: AERODRIG

Spiller: UNKNOWN

Notifier Name:

Caller Agency:

Contact for more spill info: ANDREW MORRIS

Spiller Phone:

Notifier Phone:

Caller Phone:

Contact Person Phone: (212) 580-6763

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 07/08/2002 | | UNKNOWN | NO | NO |

| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN MATERIAL | OTHER | 2.00 | GALLONS | 0.00 | GALLONS | SOIL |

Caller Remarks:

believe that the spill is from above address...2 gal of unk material. ref # 143835.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "RODRIGUEZ"
E2MIS NOTES 143835

Supervisor Jerome called the ERC and reported 2 gallons of unknown oil in a gas valve box. He spoke with Planner Morrissey and EH&S Heyman. The spill is on the customers property, inside a customers convenience valve box and may be from the customers underground oil tank 30' away. The oil appears to be contained in the box but it may have leached into the soil. This condition was found while investigating a #1 gas leak. We may need to excavate in the general area in the near future. We are not cleaning the spill and Jerome is attempting to contact the owner / management / superintendent of the building. This is a 100 family apartment building.

11:33 EH&S Heyman notified

11:36 Heyman called Gas ERC

11:39 Jerome told by ERC to call Heyman

11:53 Heyman called ERC and stated that we will not clean up the spill; it is the customer's responsibility

11:56 ERC called CIG Morris # 85791

12:22 Jerome notified the building management of the spill, Jerome told ERC that the crew was cleaning up the spill. ERC told Jerome to halt cleanup pending a call to Heyman

12:24 ERC spoke with Heyman, he will call Jerome

12:27 Heyman reports Jerome's crew is cleaning up spill because they will need to excavate at the valve box

12:30 Jerome reports cleanup is complete.

12:35 ERC Meyer updated CIG Morris, Morris wants a call from Heyman

12:40 Heyman notified to call CIG Morris

12:56 Heyman called ERC, he spoke with CIG Morris. Heyman will complete this report.

Logger Kenneth heyman #96534 7/8/02 13:50 Update: I arrived on location at 12:42 today. I spoke to Supervisor Jerome and he said there was not as much oil in the valve box as he originally thought. He got about 1/2 pint of liquid out, then he had to use absorbant pads to get the rest. He is guessing that maybe there

was 2 quarts of oil in the box. He thought there was a valve in the volve box but it was a stand pipe which made it difficult to remove the liquid. This valve box is located approximately 75' at the bottom of sloping driveway that leads to a below ground parking garage. Because the oil line goes along the driveway above ground and near the valve box it goes below ground that this oil line could be leaking. This valve box is on the customers property and therefore is not our responsibility. We cleaned the valve box in order to gain access to the valve if we had to shut off the gas but there was no valve in this box. Approximately 25' on the opposite side of the wall in the garage there is a sump pit, this pit has both water and oil in it and I also believe there is a sump pump hook up in this pit that pumps the oily water into a drain pipe. I do not know if this has an oil water seperator. The underground oil tank appears to be 75' away from the valve box. We had a company chemist on location and he stated there is only enogh sample to test for PCB and Oil I.D. We cannot do a TCLP.

Lab Sequence Number: 02-06273-001 Aroclor 1260 < 1.0 ppm

Lab Sequence Number: 02-06271-001 Analysis indicates the presence of a substance similar to a lubricating oil.c

Map Identification Number 138 **NORTHERN BLVD & PARSONS B**
 NORTHERN BLVD & PARSONS B

Spill Number: 9313627 **Close Date: 01/09/1995**
 QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 1381 feet to the NE

ADDRESS CHANGE INFORMATION

Revised street: NORTHERN BLVD / PARSONS BLVD
 Revised zip code: NO CHANGE

Source of Spill: GASOLINE STATION
 Notifier Type: Local Agency
 Caller Name: PHILIP STATEN
 DEC Investigator: SIGONA

Spiller: SHELL OIL
 Notifier Name:
 Caller Agency: NYC DEP
 Contact for more spill info:

Spiller Phone:
 Notifier Phone:
 Caller Phone: (718) 595-6700
 Contact Person Phone:

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | | Penalty Recommended | |
|------------|---------------------|----------------|-------------------------|--|---------------------|--|
| 02/20/1994 | 01/09/1995 | UNKNOWN | UNKNOWN | | NO | |

| Material Spilled | Material Class | Quantity Spilled | | Quantity Recovered | | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| | | Units | | Units | | |
| GASOLINE | PETROLEUM | 50.00 | GALLONS | 0.00 | GALLONS | SOIL |

Caller Remarks:

NOT SURE WHAT HAPPENED - SHELL CLEANED UP.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 139 **BTWN MAIN/COLLEGE PT AVE**
 41ST AVE & COLLEGE PT AVE

Spill Number: 0302268 **Close Date: 06/03/2003**
 QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 1398 feet to the SSW

ADDRESS CHANGE INFORMATION

Revised street: 41ST AVE
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL
 Notifier Type: Local Agency
 Caller Name:
 DEC Investigator: SMSANGES

Spiller: UNKNOWN
 Notifier Name:
 Caller Agency:
 Contact for more spill info: MALLORY GILMORE

Spiller Phone:
 Notifier Phone:
 Caller Phone:
 Contact Person Phone: (212) 689-1520

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Caller Remarks:

cleanup pending test results ref #132899

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"

Map Identification Number 141 **MAN HOLE #16942** **Spill Number: 9814061** **Close Date: 03/05/1999**
 SANFORD AV & W OF BOWNE QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
 Site location mapped by: MANUAL MAPPING (4)
 Approximate distance from property: 1426 feet to the SE

ADDRESS CHANGE INFORMATION
 Revised street: SANFORD AV
 Revised zip code: 11355

| | | |
|---------------------------------|---|--------------------------------------|
| Source of Spill: UNKNOWN | Spiller: UNKNOWN | Spiller Phone: |
| Notifier Type: Affected Persons | Notifier Name: MS NEVELL | Notifier Phone: |
| Caller Name: STEVE ROMERO | Caller Agency: CON EDISON | Caller Phone: (212) 580-6763 |
| DEC Investigator: JHOCONNE | Contact for more spill info: STEVE ROMERO | Contact Person Phone: (212) 580-6763 |

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 02/21/1999 | | UNKNOWN | NO | NO |

| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
|-------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN PETROLEUM | PETROLEUM | 1.00 | GALLONS | 0.00 | GALLONS | GROUNDWATER |

Caller Remarks: 2 quarts of product in 20gals of water - cleanup pending test resultsref #123177

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"
 Con ed e2mis notes:

Found 2 qts of unknown oil on 200 gallons of water in mh. Structure has concrete floor, there is no sump/pump pump in unit.
 <1ppm. P.Ahluwalia of environmental operations reports cleanup completed at 1945hrs.

Map Identification Number 142 **SANFORD AVE & BOWD ST/QUNS**
 SANFORD AVE & BOWD STREET

Spill Number: 8910331
 NEW YORK CITY, NY NO ZIP PROVIDED

Close Date: 01/28/1990

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 1471 feet to the SE

ADDRESS CHANGE INFORMATION

Revised street: SANFORD AVE / BOWNE ST
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL
 Notifier Type: Citizen
 Caller Name: MARTHA CORNELL
 DEC Investigator: SIGONA

Spiller:
 Notifier Name:
 Caller Agency: CITIZEN
 Contact for more spill info:

Spiller Phone:
 Notifier Phone:
 Caller Phone: (718) 539-7364
 Contact Person Phone:

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 01/28/1990 | 01/28/1990 | UNKNOWN | UNKNOWN | NO |

NO MATERIAL INFORMATION GIVEN FOR THIS SPILL

Caller Remarks: NO REMARKS GIVEN FOR THIS SPILL

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 143 **MANHOLE #13965**
 41ST AV & PARSONS BL

Spill Number: 0209365
 QUEENS, NY NO ZIP PROVIDED

Close Date: 02/21/2003

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 1484 feet to the E

ADDRESS CHANGE INFORMATION

Revised street: 41ST AV / PARSONS BL
 Revised zip code: NO CHANGE

Source of Spill: UNKNOWN
 Notifier Type: Local Agency
 Caller Name:
 DEC Investigator: KMFOLEY

Spiller: UNK - UNK
 Notifier Name:
 Caller Agency:
 Contact for more spill info: MARK SCHLAGEL

Spiller Phone: (000) 000-0000
 Notifier Phone:
 Caller Phone:
 Contact Person Phone: (212) 580-6763

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 12/11/2002 | | UNKNOWN | NO | NO |

| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
|-------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN PETROLEUM | PETROLEUM | 1.00 | GALLONS | 0.00 | GALLONS | SOIL |

Caller Remarks:

1 qt on no water - just dirt in manhole
con ed #146330 - clean up tomorrow morning

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "FOLEY"
Con Ed e2mis# 146330:

12/11/02 - 0955

C. SPERRAZZA - 16298 - U.G., WHILE DOING A CABLE REPLACEMENT ON FDR 7Q66, REPORTS FINDING APPROX 1 QT OF AN UNKNOWN SUBSTANCE MIXED WITH APPROX 2 YDS OF DIRT ON THE CONCRETE FLOOR OF MH13965. SPILL IS CONTAINED. NO SEWERS OR WATERWAYS AFFECTED. NO FIRE OR SMOKE INVOLVED. NO INJURIES RELATED TO SPILL. NO PRIVATE PROPERTY AFFECTED. TAG # 23268 PLACED IN STRUCTURE. NO LARGE CRACKS IN STRUCTURE. NO SEWER CONNECTIONS. NO WATER. CANNOT VERIFY THE EXISTENCE OF ANY SUMPS. NO PARKING 0930 - 1030 MON. PCB SAMPLE TAKEN. CHAIN OF CUSTODY FORM # BB10233 FILLED OUT AND MARKED 'E' (WITHIN 8 HRS) PRIORITY. CLEANUP PENDING LAB RESULT.

Lab Sequence Number: 02-11491-001

Chain of Custody ID: BB10233

Aroclor 1260 5.2 ppm

UPDATE: 11-DEC-2002 2220HRS D WELLS A MECH ENVIROMENTAL OPS. REPORTS CUSTOMER NOISE COMPLAINT . WILL TAKE OFF 24 HOUR CLOCK AND DO IN THE AM.

Map Identification Number 144 **139-29 34TH RD/QUEENS**
139-29 34TH ROAD

Spill Number: 9008665
NEW YORK CITY, NY NO ZIP PROVIDED

Close Date: 11/08/1990

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1492 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: 13929 34TH ROAD
Revised zip code: NO CHANGE

Source of Spill: UNKNOWN Spiller: UNKNOWN Spiller Phone:
 Notifier Type: Affected Persons Notifier Name: Notifier Phone:
 Caller Name: MARGARET Caller Agency: CITIZEN Caller Phone: (718) 539-3828
 DEC Investigator: TOMASELLO Contact for more spill info: Contact Person Phone:

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | | Penalty Recommended | |
|-------------------|---------------------|------------------|-------------------------|--------------------|---------------------|----------------------|
| 10/15/1990 | 11/08/1990 | UNKNOWN | UNKNOWN | | NO | |
| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
| UNKNOWN PETROLEUM | PETROLEUM | -1.00 | UNKNOWN | 0.00 | UNKNOWN | AIR |

Caller Remarks:

ODOR IN BLDG POSSIBLY CAUSING PEOPLE TO GET SICK, DEC REFERRED SITUATION TO THE NYCDOH.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 145

34-10 UNION ST

Spill Number: 9907569
 FLUSHING, NY NO ZIP PROVIDED

Close Date: 04/06/2000

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 1524 feet to the N

ADDRESS CHANGE INFORMATION

Revised street: 3410 UNION ST
 Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER Spiller: CHONG LEE Spiller Phone:
 Notifier Type: Citizen Notifier Name: Notifier Phone:
 Caller Name: BERT HICKEY Caller Agency: CITIZEN Caller Phone: (718) 267-9185
 DEC Investigator: MCTIBBE Contact for more spill info: CALLER Contact Person Phone:

Spill Class: KNOWN RELEASE THAT CREATES POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | | Penalty Recommended | |
|------------------|---------------------|------------------|-------------------------|--------------------|---------------------|----------------------|
| 09/22/1999 | | OTHER | NO | | NO | |
| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
| PESTICIDES | OTHER | 0 | GALLONS | 0 | GALLONS | AIR |

Caller Remarks:

caller reported that mr lee fumigated a building and several people became sick.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TIBBE"
 COPY GIVEN TO PESTICIDES. 9/23/99, 11:10 AM.

Map Identification Number 146 **134-04 39TH AVE**
 133-04 39TH AVE

Spill Number: 9508694 **Close Date: 11/24/1995**
 FLUSHING, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 1579 feet to the WSW

ADDRESS CHANGE INFORMATION
 Revised street: 13304 39TH AVE
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL
 Notifier Type: Other
 Caller Name: CHARLES SCHMIDGALL
 DEC Investigator: MMMULQUE

Spiller: UNKNOWN
 Notifier Name: SAME
 Caller Agency: TYREE ENVIRONMENTAL
 Contact for more spill info: CHARLES SCHMIDGALL

Spiller Phone:
 Notifier Phone:
 Caller Phone: (516) 249-3150 ext. 3
 Contact Person Phone: (516) 249-3150 ext. 3

Spill Class: KNOWN RELEASE THAT CREATES POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | | Penalty Recommended | |
|------------|---------------------|----------------|-------------------------|--|---------------------|--|
| 09/20/1995 | | UNKNOWN | NO | | NO | |

| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
|-------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN PETROLEUM | PETROLEUM | 0 | GALLONS | 0 | GALLONS | SOIL |

Caller Remarks: was working on sept 20th at site - did not smell anything - assumed no contamination - but when lab results came back there was low levels of contamination of various chemicals at 10-12 feet

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "MULQUEEN"
 Environmental Products & Services to be excavating the tank on Oct. 31, 1995. EPS removed tank, small area of contamination on east side of tank grave due to leaking suction & return lines. Soils were excavated and stockpiled, pending disposal. Endpoint sampling conducted - no impact to groundwater, no further investigation required.

Map Identification Number 147 **35-06 PARSONS BLVD**
 35-06 PARSONS BLVD

Spill Number: 8900257 **Close Date: 04/10/1989**
 FLUSHING, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 1584 feet to the NE

ADDRESS CHANGE INFORMATION
 Revised street: 3506 PARSONS BLVD
 Revised zip code: NO CHANGE

| | | |
|--------------------------|--|-------------------------------|
| Source of Spill: UNKNOWN | Spiller: UNK | Spiller Phone: (718) 321-6000 |
| Notifier Type: Other | Notifier Name: | Notifier Phone: |
| Caller Name: VAL MACARI | Caller Agency: PETROLEUM TANK CLEANING | Caller Phone: (718) 624-4842 |
| DEC Investigator: TAYLOR | Contact for more spill info: | Contact Person Phone: |

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | | Penalty Recommended | |
|------------|---------------------|----------------|-------------------------|--|---------------------|--|
| 04/10/1989 | 04/10/1989 | UNKNOWN | UNKNOWN | | NO | |

| Material Spilled | Material Class | Quantity Spilled | | Quantity Recovered | | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| | | Units | | Units | | |
| #2 FUEL OIL | PETROLEUM | -1.00 | UNKNOWN | 0.00 | UNKNOWN | SOIL |

Caller Remarks:

OIL PROBABLY CAME OUT OF VENT, CONTAINED IN PARKING LOT. DRI-SORB AP-PLIED. SINCE VERY SMALL SPILL, INVESTIGATION NOT WARRANTED.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 148 **39TH ST + COLLEGE PT BLVD**
 39TH ST + COLLEGE PT BLVD

Spill Number: 9712504 **Close Date: 02/17/1998**
 QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 1593 feet to the WSW

ADDRESS CHANGE INFORMATION
 Revised street: 39TH AV / COLLEGE POINT BLVD
 Revised zip code: NO CHANGE

| | | |
|--|--|--------------------------------------|
| Source of Spill: COMMERCIAL/INDUSTRIAL | Spiller: CON ED | Spiller Phone: |
| Notifier Type: Federal Government | Notifier Name: CON ED | Notifier Phone: |
| Caller Name: JOHN MENDELSON | Caller Agency: EPA EDISON | Caller Phone: (908) 548-8730 |
| DEC Investigator: CAENGELH | Contact for more spill info: JOE BASMAGY | Contact Person Phone: (212) 586-6757 |

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 02/09/1998 | | OTHER | NO | NO |

| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| NATURAL GAS | OTHER | 0 | GALLONS | 0 | GALLONS | AIR |

 Caller Remarks: A CONTRACTOR HIT A GAS LINE

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ENGELHARDT"

Map Identification Number 149 VS 7425 **Spill Number: 0012140** **Close Date: 08/17/2001**
 39 AV / COLLEGE POINT BLV QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 1593 feet to the WSW

ADDRESS CHANGE INFORMATION
 Revised street: 39TH AV / COLLEGE POINT BLVD
 Revised zip code: NO CHANGE

| | | |
|---------------------------------|-------------------------------------|-----------------------|
| Source of Spill: UNKNOWN | Spiller: UNKNOWN | Spiller Phone: |
| Notifier Type: Affected Persons | Notifier Name: | Notifier Phone: |
| Caller Name: | Caller Agency: | Caller Phone: |
| DEC Investigator: KMFOLEY | Contact for more spill info: CALLER | Contact Person Phone: |

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 02/12/2001 | | UNKNOWN | NO | NO |

| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
|-------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN PETROLEUM | PETROLEUM | 5.00 | GALLONS | 0.00 | GALLONS | SOIL |

 Caller Remarks:

9ppm on transformer clean up pending 135478

 DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "FOLEY"

Map Identification Number 150 EXCAVATION
 36ND AVE AT COLLEGE POINT

Spill Number: 9702516 Close Date: 11/10/2003
 QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 1597 feet to the W

ADDRESS CHANGE INFORMATION
 Revised street: 36TH AV / COLLEGE POINT BLVD
 Revised zip code: 11354

| | | |
|--|------------------------------------|--------------------------------|
| Source of Spill: COMMERCIAL/INDUSTRIAL | Spiller: TIM SOILCH - CON ED | Spiller Phone: (212) 580-6764 |
| Notifier Type: Responsible Party | Notifier Name: FRANK MASSERIA | Notifier Phone: (212) 580-6763 |
| Caller Name: FRANK MASSERIA | Caller Agency: CON ED | Caller Phone: (212) 580-6763 |
| DEC Investigator: CAENGELH | Contact for more spill info: ABOVE | Contact Person Phone: |

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 05/28/1997 | | UNKNOWN | NO | NO |

| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
|-------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN PETROLEUM | PETROLEUM | 0 | GALLONS | 0 | GALLONS | GROUNDWATER |

Caller Remarks: CALLER STATES THERE IS AN UNKNOWN SHEEN OF OIL TYPE MATERIAL ON THE WATER ON SITE APPROX 3 OUNCE OF SPILL SPILL CONTAINED AND CLEANED

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ENGELHARDT"
 E2MIS 107810

F.SPACKE OF CONSTRUCTION MAN. FOUND SHEEN IN EXCAVATION REPORTED SAME TO T.LOONEY ON 5/29/97 JJS 88437=====

Field forces cleaned spill and properly disposed of all cleanup materials.

Map Identification Number 151 37-02 COLLEGE PT BLVD,LLC
 37-02 COLLEGE POINT BLVD

Spill Number: 9807959 Close Date: 03/21/2003
 FLUSHING, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
 Site location mapped by: MANUAL MAPPING (1)
 Approximate distance from property: 1624 feet to the WSW

ADDRESS CHANGE INFORMATION
 Revised street: 3702 COLLEGE POINT BLVD
 Revised zip code: 11355

Source of Spill: MAJOR OIL FACILITY (>400,000 GAL) Spiller: TIM ROBERTS - 37-02 COLLEGE PT BLVD,LLC Spiller Phone: (303) 763-8500
 Notifier Type: Citizen Notifier Name: ANONYMOUS Notifier Phone:
 Caller Name: ANONYMOUS Caller Agency: Caller Phone:
 DEC Investigator: SIGONA Contact for more spill info: TIM ROBERTS Contact Person Phone: (303) 763-8500

Spill Class: KNOWN RELEASE THAT CREATES POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | | Penalty Recommended | |
|------------|---------------------|----------------|-------------------------|--|---------------------|--|
| 09/29/1998 | | UNKNOWN | NO | | NO | |

| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
|--------------------------|------------------|------------------|--------------------|--------------------|--------------------|----------------------|
| OTHER OTHER PETROLEUM | OTHER UNKNOWN | 0 0 | GALLONS GALLONS | 0 0 | GALLONS GALLONS | SOIL |

Caller Remarks: CALLER STATES THAT THE LOCATION HAS BEEN CLOSED FOR YEARS AND USE TO BE A OIL DISTRIBUTOR. CALLER STATES THAT THE PROPERTY HAS BEEN SOLD AND THE AREA HAS NEVER CLEANED UP.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 152 **37-02 COLLEGE POINT BLVD** **Spill Number: 9613079** **Close Date: 02/04/1997**
 37-02 COLLEGE POINT BLVD FLUSHING, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
 Site location mapped by: MANUAL MAPPING (1)
 Approximate distance from property: 1624 feet to the WSW

ADDRESS CHANGE INFORMATION
 Revised street: 3702 COLLEGE POINT BLVD
 Revised zip code: 11355

Source of Spill: UNKNOWN Spiller: UNKNOWN Spiller Phone:
 Notifier Type: Other Notifier Name: DAVID LIEN Notifier Phone: (718) 961-7117
 Caller Name: DAVID LIEN Caller Agency: CENTURY PLYWOOD SUPPLY Caller Phone: (718) 961-7117
 DEC Investigator: MCTIBBE Contact for more spill info: DAVID LEIN Contact Person Phone: (718) 961-7117

Spill Class: KNOWN RELEASE THAT CREATES POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | | Penalty Recommended | |
|------------|---------------------|----------------|-------------------------|--|---------------------|--|
| 02/04/1997 | | OTHER | NO | | NO | |

| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN MATERIAL | OTHER | 0 | GALLONS | 0 | GALLONS | |

Caller Remarks: CALLER WANTS A SOIL INVESTIAGTION DONE AT SITE WHICH IS A PREVIOUS OIL STORAGE AREA - HE INTENDS TO PURCHASE PROPERTY AND WANTS TO KNOW IF IS CONTAMINATED

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TIBBE"
THERE WAS NO SPILL. 16:50 - 17:10 I CALLED MR. LIEN AND EXPLAINED STATE POLICY REGARDING A SITE ASSESSMENT.

Map Identification Number 153 **VAULT #7378** **Spill Number: 0205900** **Close Date: 11/07/2002**
35-32 COLLEGE POINT BL QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1626 feet to the W

ADDRESS CHANGE INFORMATION
Revised street: 3532 COLLEGE POINT BL
Revised zip code: NO CHANGE

| | | |
|---------------------------------|--|--------------------------------------|
| Source of Spill: UNKNOWN | Spiller: UNKNOWN | Spiller Phone: |
| Notifier Type: Affected Persons | Notifier Name: | Notifier Phone: |
| Caller Name: | Caller Agency: | Caller Phone: |
| DEC Investigator: KMFOLEY | Contact for more spill info: ANDREW MORRIS | Contact Person Phone: (212) 580-6763 |

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 09/06/2002 | | UNKNOWN | NO | NO |

| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
|-------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN PETROLEUM | PETROLEUM | 4.00 | GALLONS | 0.00 | GALLONS | SOIL |

Caller Remarks:

ABOVE MATERIAL DISCOVERED AT ABOVE LOCATION ON TOP OF 40 GALLONS ON WATER. CLEANUP IS PENDING. CON ED # 144896.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "FOLEY"
See #0205874

Con Ed e2mis #144896:

9/06/02 11:10 HRS.

S. STATHIS #64470 OF BROOKLYN/QUEENS EH&S REPORTS WHILE ON LOCATION FOR CLEANUP IN VS-7378 (E2MIS # 144890) AT 11:00 HRS. FOUND APPROX. 4 GAL. UNKNOWN OIL ON APPROX. 400 GAL. WATER IN ADJACENT VAULT TO THE SOUTH (CD&O PLATE IN OFFICE INDICATES IT IS VS-817). NO TRANSFORMER IN THIS VAULT. ERT IS ON LOCATION WITH EH&S AND THEY DETERMINED NEW INCIDENT REPORT IS REQUIRED BECAUSE THE TWO VAULTS AND ADJACENT BUS COMPARTMENT DO NOT APPEAR TO BE CONNECTED (BASED ON INSPECTION OF VS-7378 AND ALSO ON DIFFERENT WATER LEVELS). SPILL APPEARS TO BE CONTAINED. NO SEWERS OR WATERWAYS APPEAR TO BE AFFECTED. NO PRIVATE PROPERTY AFFECTED. NO FIRE OR SMOKE INVOLVED. NO INJURIES. ENV. STOP TAG #04735 PLACED. SAMPLE TAKEN FROM SPILL BY G. FERNANDEZ #90226 OF QUEENS ENV. OPS. CHAIN OF CUSTODY FORM BB-04844 MARKED "E" PRIORITY TURNAROUND FOR PCB TEST & OIL ID. MEETS D.E.C. 24-HOUR DEMINIMIS PROGRAM REQUIREMENTS. CLEANUP PENDING RESULTS FROM CHEM LAB.

PARKING RESTRICTIONS: MIDNIGHT TO 3 A.M. ON MONDAYS.

9/06/02 12:17 HRS. -- NOTIFIED P. McGUIRE OF C.I.G.

UPDATE: 9/6/02 - 1400

EPA # ISSUED - NYP 004 102 299.

LAB RESULT RECEIVED 9/6/02 - 1510. 02-08316. 10 PPM.

9/06/02 15:40 HRS. -- OIL ID RESULTS: LSN 02-08319-001, "ANALYSIS INDICATED THE PRESENCE OF A SUBSTANCE SIMILAR TO A DIELECTRIC FLUID".

9-6-02 19:15HRS W. WALKER REPORTS, EARTHEN SUMP FOUND, TAKEN OFF 24HR CLOCK.

9-6-02 19:17 CIG (MR. MORRIS) WAS NOTIFIED.

UPDATE 9/06/02 20:50 HRS. -- P. ROSADO OF QUEENS ENV. OPS. REPORTS: DOUBLE WASHED STRUCTURE WITH BIOGEN 760, CEMENTED SUMP, LEFT ENV. STOP TAG IN PLACE PENDING CLEANUP OF ORIGINAL SPILL IN VS-7378 (E2MIS # 144890).

UPDATE 9/06/02 21:10 HRS. -- G. JACOBI, O.S. QUEENS ENV. OPS, REPORTS ALL THREE STRUCTURES: VS-7378 (#144890), VS-817 (#144896) & BUS COMPARTMENT MH-14619 (#144899) ARE CONNECTED BY CABLE DUCTS AND WATER LEVEL WAS ABOVE DUCT LINE WHEN INCIDENTS WERE DISCOVERED. DUE TO THIS, INCIDENTS FOR VS-817 & MH-14619 WILL REMAIN OPEN UNTIL TRANSFORMER IN VS-7378 REMOVED & THAT CLEANUP IS COMPLETE. INCIDENT WAS ALREADY REMOVED FROM 24 HR DEMINIMIS DUE TO EARTHEN SUMP.

UPDATE - 10-SEP-2002 09:30 HRS..

ENVIR. FLUSH DEPT. MECH-A. J.STEVENS EMP# 00776

REPORTS: STRUCTURE WAS INSPECTED NO SIGNS OF OIL PRESENT. ENVIR. TAG# 04735 REMOVED. CLEANUP COMPLETE. 100%

Map Identification Number 154 **COLLEGE POINT BLVD+**
 ROOSEVELT AVE

Spill Number: 0002275 **Close Date: 09/24/2001**
 QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
 Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 1653 feet to the SW

ADDRESS CHANGE INFORMATION
 Revised street: COLLEGE POINT BLVD /ROOSEVELT AVE
 Revised zip code: 11354

Source of Spill: UNKNOWN
 Notifier Type: Affected Persons
 Caller Name:
 DEC Investigator: JHOCONNE

Spiller: UNKNOWN
 Notifier Name:
 Caller Agency:
 Contact for more spill info: BRIAN JOYCE

Spiller Phone:
 Notifier Phone:
 Caller Phone:
 Contact Person Phone: (212) 580-6763

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | | Penalty Recommended | |
|------------|---------------------|----------------|-------------------------|--|---------------------|--|
| 05/23/2000 | | UNKNOWN | NO | | NO | |

| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| OTHER | OTHER | 1.00 | GALLONS | 0.00 | GALLONS | SOIL |
| OTHER PETROLEUM | PETROLEUM | 1.00 | GALLONS | 0.00 | GALLONS | |

Caller Remarks:

THEY HAVE 1 QUART OF UNKNOWN TYPE OIL SITTING ON TOP OF 300 GALLONS OF WATER.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"
 Con Ed e2mis #131546:

5-23-00 1qt unknown oil on 300gal water. Liquid sample taken and returned <1ppm PCB.

5-24-00 Cleanup completed by double washing hole with slix. Waste generated was removed using diapers, coagulant, and vactor.
 No leaking equipment. Sump was cemented.

Map Identification Number 155 **FLUSHING BAY** **Spill Number: 9910163** **Close Date: 01/23/2004**
 COLLEGE PT & NORTHERN BLV QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION ADDRESS CHANGE INFORMATION
 Site location mapped by: MANUAL MAPPING (3) Revised street: COLLEGE POINT BLVD / NORTHERN BLVD
 Approximate distance from property: 1670 feet to the WNW Revised zip code: 11354

Source of Spill: UNKNOWN Spiller: UNKNOWN Spiller Phone:
 Notifier Type: Affected Persons Notifier Name: Notifier Phone:
 Caller Name: REFUSED Caller Agency: CITIZEN Caller Phone: (000) 000-0000
 DEC Investigator: JMROMMEL Contact for more spill info: Contact Person Phone:

Spill Class: POSSIBLE REL WITH MIN POTENTIAL FOR FIRE OR HAZARD (OR KNOWN REL W/ NO DAMAGE);NO DEC RESP;WILLING RP;CORR ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | | Penalty Recommended | |
|------------|---------------------|----------------|-------------------------|--|---------------------|--|
| 11/22/1999 | | UNKNOWN | NO | | NO | |

| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
|-------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN PETROLEUM | PETROLEUM | 0 | GALLONS | 0 | GALLONS | SURFACE WATER |

Caller Remarks:

caller reports sheen on water near the best concrete plant.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ROMMEL"

Map Identification Number 156 **SERVICE BOX 37566** **Spill Number: 9814294** **Close Date: 03/01/1999**
 NORTHERN BL & COLLEGE PT FLUSHING, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
 Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 1670 feet to the WNW

ADDRESS CHANGE INFORMATION
 Revised street: NORTHERN BLVD / COLLEGE POINT BLVD
 Revised zip code: 11354

| | | |
|-----------------------------|---|--------------------------------------|
| Source of Spill: UNKNOWN | Spiller: UNKNOWN | Spiller Phone: |
| Notifier Type: Other | Notifier Name: MR WAINWRIGHT | Notifier Phone: () - |
| Caller Name: LISA PRIMEGGIA | Caller Agency: CON EDISON | Caller Phone: (212) 580-6763 |
| DEC Investigator: CAENGELH | Contact for more spill info: LISA PRIMEGGIA | Contact Person Phone: (212) 580-6763 |

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | | Penalty Recommended | |
|------------|---------------------|----------------|-------------------------|--|---------------------|--|
| 02/27/1999 | | UNKNOWN | NO | | NO | |

| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
|-------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN PETROLEUM | PETROLEUM | 1.00 | GALLONS | 0.00 | GALLONS | SOIL |

Caller Remarks: 1 PINT OF PRODUCT CON ED 123323 - SAMPLE TAKEN CLEAN UP PENDING LAB RESULTS

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ENGELHARDT"
 e2mis no. 123-323:

2/27/99 12:55 hrs

John Licata #29724, Lead Mech. with Queens Cable, reports that while replacing open mains at 12:50 hrs he found approx. 1 pint unknown oil on approx. 5 gal water in SB-37566. Location is N/S Northern Blvd. 23' W/O College Point Blvd. Spill is contained. No sewers or waterways affected. Env. stop tag #18959 placed. One liquid sample taken on a 4-6 hour priority turnaround. Cleanup pending PCB results from Chem Lab.

2/27/99 18:55HRS-LAB SEQ#99-02074-RESULTS- <1.00PPM.

UPDATE 2/27/99-21:21HRS-J RUSSO-FLUS OPS REPORTS CLEANUP COMPLETE WITH SLIX AND ENV TAG 18959 REMOVED.

Map Identification Number 157 **COLLEGE POINT BLVD/NORTHE**
COLLEGE PT./NORTHERN BLVD

Spill Number: 8703684 **Close Date: 08/05/1987**
 NEW YORK CITY, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 1670 feet to the WNW

ADDRESS CHANGE INFORMATION

Revised street: COLLEGE POINT BLVD/NORTHERN BLVD
 Revised zip code: NO CHANGE

Source of Spill: UNKNOWN
 Notifier Type: DEC
 Caller Name:
 DEC Investigator: UNASSIGNED

Spiller: UNKNOWN
 Notifier Name:
 Caller Agency:
 Contact for more spill info:

Spiller Phone:
 Notifier Phone:
 Caller Phone:
 Contact Person Phone:

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | | Penalty Recommended | |
|-------------------|---------------------|------------------|-------------------------|--------------------|---------------------|----------------------|
| 08/05/1987 | 08/05/1987 | OTHER | UNKNOWN | | NO | |
| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
| UNKNOWN PETROLEUM | PETROLEUM | -1.00 | UNKNOWN | 0.00 | UNKNOWN | SEWER |

Caller Remarks:

OIL IN SEWER - DISCOVERED BY DEP SEWER INVESTIGATORS.THEY ALSO CHANGED A RECOVERY SYSTEM.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was " "

Map Identification Number 158 **MAN HOLE 7378 -NOTHERN BL**
AND COLLEGE POINT BL

Spill Number: 0211787 **Close Date: 04/03/2003**
 QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 1670 feet to the WNW

ADDRESS CHANGE INFORMATION

Revised street: NORTHERN BLVD / COLLEGE POINT BLVD
 Revised zip code: UNKNOWN

Source of Spill: UNKNOWN
 Notifier Type: Local Agency
 Caller Name:
 DEC Investigator: AERODRIG

Spiller: UNKNOWN
 Notifier Name:
 Caller Agency:
 Contact for more spill info: LARRY COSTA

Spiller Phone:
 Notifier Phone:
 Caller Phone:
 Contact Person Phone: (212) 580-6763

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | | Penalty Recommended | |
|-------------------|---------------------|------------------|-------------------------|--------------------|---------------------|----------------------|
| 02/27/2003 | | UNKNOWN | NO | | NO | |
| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
| UNKNOWN PETROLEUM | PETROLEUM | 3.00 | GALLONS | 0.00 | GALLONS | SOIL |

 Caller Remarks:

3 gallons spilled onto 200 gallons of water - coned 147320 - spill is contained to the man hole - clean up scheduled for tomorrow with a tanker truck

 DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "RODRIGUEZ"
 e2mis 147320

2/27/03 0920hrs - Tom Didonato # 26557 Splicer Networks reports while on location to do maintenace work on new transformer installation found 3 gallons unknown oil on 200 gallons water in VS7378. States no sewers or waterways appears to be affected. Structure makes water. No private property affected. No fire/smoke affected. Unit is being pressure tested and sample to be taken. Env. stop tag # 16482 placed. No parking restrictions. 24 hr program. Sample taken - e priority - chain of custody # CC17079. Clean up pending test results.

Update Notified CIG P. McGuire@0953hrs

UPDATE - 27-FEB-2003 19:48 HRS.. LSN# 03-01644 , SAMPLE TYPE: OIL, AROCLOR: 1260,

RESULT: < 1. PPM.

UPDATE 2/27/03 21:00 HRS. -- B. BAMONTE, O.S. WITH QUEENS ENV. OPS., REPORTS ON LOCATION WITH ENV. OPS. CREW AND A TANKER WILL BE REQUIRED. TANKER WAS NOT AVAILABLE UNTIL 7AM SHIFT TOMORROW, THEREFORE CLEANUP WILL NOT BE COMPLETED WITHIN 24 HOURS. INCIDENT WILL BE REMOVED FROM 24-HOUR DEMINIMIS.

21:50 HRS. -- ORDERED 7AM TANKER & FAXED PAPERWORK TO ASTORIA.

21:58 HRS. -- NOTIFIED L. COSTA OF C.I.G.

Update 3/3/03 - 1045hrs

A. Vallone env. ops reports structure was double washed with biogen 760 and removed all liquids with <50 tanker. . Found cement sump. Removed env. stop tag # 16482. Networks was on location and made repairs to unit. Clean up completed.

update - 3/4/03 - 0620 hrs - Updated event involved materials and event involved persons lists.

H Bertorelli # 54348.

| | | | |
|--|---|--|-------------------------------|
| Map Identification Number 159 | MANHOLE #395 | Spill Number: 0200788 | Close Date: 10/16/2002 |
| | COLLEGE PT BLVD/NORTHERN | QUEENS, NY NO ZIP PROVIDED | |
| MAP LOCATION INFORMATION | | ADDRESS CHANGE INFORMATION | |
| Site location mapped by: MANUAL MAPPING (3) | | Revised street: COLLEGE POINT BLVD / NORTHERN BLVD | |
| Approximate distance from property: 1670 feet to the WNW | | Revised zip code: NO CHANGE | |
| Source of Spill: UNKNOWN | Spiller: UNKNOWN | Spiller Phone: | |
| Notifier Type: Affected Persons | Notifier Name: | Notifier Phone: | |
| Caller Name: | Caller Agency: | Caller Phone: | |
| DEC Investigator: JHOCONNE | Contact for more spill info: ANTHONY NATALE | Contact Person Phone: (212) 580-6763 | |

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | | Penalty Recommended | |
|-------------------|---------------------|------------------|-------------------------|--------------------|---------------------|----------------------|
| 04/20/2002 | | UNKNOWN | NO | | NO | |
| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
| UNKNOWN PETROLEUM | PETROLEUM | 1.00 | GALLONS | 0.00 | GALLONS | SOIL |

Caller Remarks:

WORKERS FOUND 1 GAL OF AN UNKNOWN OIL FLOATING ON 300 GALS OF WATER IN THE ABOVE MANHOLE - CLEANUP IS PENDING TEST RESULTS - CON ED SPILL #142392

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"
e2mis no. 142-392:

4/19/02 0858hrs - Mike Clark # 13212 Crew Chief, Cable, reports while doing routine cable work in Fdr 1208 found 1 gallon unknown oil on 300 gallons water in MH395. No sewers or waterways affected. Env. stop tag # 23566 placed. Sample taken.

4/19/02 17:04 HRS. -- PCB RESULTS: LAB SEQ # 02-03399, <1.0 PPM.

UPDATE - 20-APR-2002 03:10 HRS.

ENVIR.FLUSH DEPT MECH-A I.AHLUWALIA EMP# 13903 REPORTS:

ASTORIA TANKER (SILVER BULLET) FILLED UP DRAINING ONLY HALF THE STRUCTURE. DUE TO WATER CONDITION (STRUCTURE IS A POSSIBLE TIDE HOLE) INCIDENT # 13903 WILL NOT BE MEETING THE 24 HR. CRITERIA. SPILL WILL BE RECLASSIFIED AS SPILL UNKNOWN OIL.

Update - 4/20/02 1110hrs

R. Walters, OS, # 75865 reports while removing liquids with vactors, truck # 60506 filled up and 5 gallons of soapy (<1ppm) water spilled from debris clean out trap onto concrete and 10' along curb line. Spill was immediately contained and picked up with truck # 60479. No sewers or waterways have been affected.

Attempted to clean this structure using 2 vactors which have filled up but structure is making too much water to clean. Will need multiple tankers to perform

clean up.

UPDATE: 4/23/02 - 0555

P. ROSADO - ENV. OPS., REPORTS <1.0 PPM CLEANUP COMPLETED BY DOUBLE WASHING STRUCTURE WITH BIO GEN 760. LIQUID WASTE REMOVED WITH ASTORIA TANKER. SOLID WASTE REMOVED WITH VACTOR. SUMP FOUND CEMENTED. TAG # 23566 REMOVED.

Map Identification Number 160 **MANHOLE 480**
 NORTHERN BLVD/COLLEGE PT

Spill Number: 0004074 **Close Date: 10/17/2001**
 QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
 Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 1670 feet to the WNW

ADDRESS CHANGE INFORMATION
 Revised street: NORTHERN BLVD/COLLEGE POINT BLVD
 Revised zip code: 11354

| | | |
|---------------------------------|-------------------------------------|-----------------------|
| Source of Spill: UNKNOWN | Spiller: UNKNOWN | Spiller Phone: |
| Notifier Type: Affected Persons | Notifier Name: | Notifier Phone: |
| Caller Name: | Caller Agency: | Caller Phone: |
| DEC Investigator: JHOCONNE | Contact for more spill info: CALLER | Contact Person Phone: |

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | | Penalty Recommended | |
|------------|---------------------|----------------|-------------------------|--|---------------------|--|
| 07/05/2000 | | UNKNOWN | NO | | NO | |

| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
|-------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN PETROLEUM | PETROLEUM | 1.00 | GALLONS | 0.00 | GALLONS | SOIL |

Caller Remarks:
 1 pt of unk oil on top of 100 gallons of water. clean up pending results. con ed #132176

DEC Investigator Remarks:
 Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"
 Con Ed e2mis Notes:

7/5/00 1 pint unknown oil on 100gal water in manhole. Sample returned <1ppm PCB. Vactor sucked up env stop tag. Replaced with new one. Since manhole makes water, he will leave tag until UG completes work.

Cleanup was completed by double washing. Removed all liquids and solids. UG completed work. Tag removed.

Map Identification Number 161 **LATIMER PL AND
LINDEN PL**

Spill Number: 9515111
QUEENS, NY NO ZIP PROVIDED

Close Date: 02/12/2003

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1773 feet to the NNW

ADDRESS CHANGE INFORMATION

Revised street: LINDEN PL / LATIMER PL
Revised zip code: 11354

Source of Spill: UNKNOWN
Notifier Type: Local Agency
Caller Name: SABINE HERARD
DEC Investigator: CAENGELH

Spiller: UNKNOWN - UNKNOWN
Notifier Name: FF SMITH
Caller Agency: DEPT ENVIRONMENT PROTECT
Contact for more spill info: NONE

Spiller Phone:
Notifier Phone: (917) 769-0483
Caller Phone: (718) 595-6700
Contact Person Phone:

Spill Class: KNOWN RELEASE THAT CREATES POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 02/24/1996 | | UNKNOWN | NO | NO |

| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| GASOLINE | PETROLEUM | 0 | GALLONS | 0 | GALLONS | SEWER |

Caller Remarks: spill is a large amount but fire dept still on the way at time of call - spill is in street and the sewers

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ENGELHARDT"
02/12/2003: Spill closed this date by Tom Plesnarski. No additional information available. No further follow-up warranted because it was a surface spill and the length of time that has transpired.

Map Identification Number 162 **MANHOLE #13737
LINDEN PL / LATIMER PL**

Spill Number: 0404716
QUEENS, NY NO ZIP PROVIDED

Close Date: 10/21/2004

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1773 feet to the NNW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: UNKNOWN
Notifier Type: Affected Persons
Caller Name:
DEC Investigator: JHOCONNE

Spiller: ERT DESK - UNKNOWN
Notifier Name:
Caller Agency:
Contact for more spill info: ERT DESK

Spiller Phone: (212) 580-8383
Notifier Phone:
Caller Phone:
Contact Person Phone: (212) 580-8383

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | | Penalty Recommended | |
|-------------------|---------------------|------------------|-------------------------|--------------------|---------------------|----------------------|
| 07/30/2004 | | UNKNOWN | NO | | NO | |
| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
| UNKNOWN PETROLEUM | PETROLEUM | 0 | POUNDS | 0 | POUNDS | SOIL |

Caller Remarks:

1 QT. UNKNOWN OIL ON 100 GAL WATER IN MANHOLE.

DEC Investigator Remarks:

e2mis no. 154600:

1 QT OF AN UNKNOWN OIL ON APPROX 100 GALS OF WATER IN MH13737. SPILL IS CONTAINED. CLEANUP PENDING LAB RESULT.

LAB SEQ# 04-05986-001 PCB 204 PPM.

UG OS on location and has dfailed structure. Structure needs to be made safe to complete cleanup.

2100 hrs. Crew triple washed structure with 760 Biogen and Safe Wash detergent. >50 Corporate Tanker removed 1430 gallons of liquid. Crew found cemented sump. Clean up will resume pending D fault repair.

UPDATE 8/26/04 18:00 HRS ENV OPS SUPV R. QUIIJE REPORTS THE STRUCTURE WAS DOUBLE WASHED WITH BIO-GEN 760, U/G REMOVED THE LEAKING JOINT, AN OVER 50 TANKER REMOVED 1325 GAL OF LIQUID, THREE DRUMS OF OF SOLIDS, LEAD, AND CABLE TO BE PICKED UP BY ORP TRANSPORTATION, ENV TAG# 38416 WAS REMOVED, AND CLEANUP IS 100% COMPLETE.

Map Identification Number 163 **MAMHOLE 16147** **Spill Number: 0111438** **Close Date: 04/16/2002**
 N SANFORD AVE/FRAME PL QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION ADDRESS CHANGE INFORMATION
 Site location mapped by: MANUAL MAPPING (3) Revised street: SANFORD AVE / FRAME PL
 Approximate distance from property: 1793 feet to the SSW Revised zip code: NO CHANGE

Source of Spill: UNKNOWN Spiller: UNK - UNK Spiller Phone: (000) 000-0000
 Notifier Type: Responsible Party Notifier Name: Notifier Phone:
 Caller Name: Caller Agency: Caller Phone:
 DEC Investigator: AERODRIG Contact for more spill info: CALLER Contact Person Phone:

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | | Penalty Recommended | |
|-------------------|---------------------|------------------|-------------------------|--------------------|---------------------|----------------------|
| 03/04/2002 | | UNKNOWN | NO | | NO | |
| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
| UNKNOWN PETROLEUM | PETROLEUM | 1.00 | GALLONS | 0.00 | GALLONS | SOIL |

Caller Remarks:

1 qt unk oil in manhole. sample taken cleanup pending

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "RODRIGUEZ"
 Con Ed em2is #141621 Notes:

04-MAR-2002 10:40 HRS.

QUEENS UNDER GROUND DEPT. SPLICER. J.GUZZI EMP# 18703 REPORTS WHILE ON LOCATION FOR INSPECTION WORK FOUND APPROX. 1 QT OF UNKNOWN OIL ON APPROX. 5 GAL'S OF WATER. SPILL IS CONTAINED. NO SEWERS OR WATER WAYS APPEAR TO BE AFFECTED. NO KNOWN SUMP OR PUMP. NO KNOWN SEWER CONNECTION PRESENT. ENVIR. TAG# 23380 PLACED. 1 LIQ. SAMPLE TAKEN FROM SPILL & MARKED PRIORITY " E " 24 HR. DEMINIMIS PROGRAM. CHAIN OF CUSTODY# CC-01952. CLEANUP PENDING TEST RESULTS.

MATRIX: OIL GRAB

LOCATION: NS SANFORD AV 36 ' W/O FRANE PL

STRUCTURE: MANHOLE 16147

LSN: 02-01775-001

TEST DESCRIPTION RESULT UNIT METHOD

Aroclor 1242 < 1.0 ppm EPA 608/8082

Aroclor 1254 36.4 ppm EPA 608/8082

Aroclor 1248 < 1.0 ppm EPA 608/8082

Aroclor 1260 < 1.0 ppm EPA 608/8082

 TOTAL PCB 36 ppm
 =====

UPDATE: 05-MAR-2002 0050HRS BECAUSE OF PARKING RESTRICTIONS WE ARE TAKING THIS JOB OFF OF THE 24 HOUR PROGRAM.

UPDATE: 3/11/02 - 1730

M. KNOX & A. VALLONE - ENV.OPS., REPORT STRUCTURE DOUBLE WASHED USING 10 GALS OF BIO GEN 760, 10 GALS OF BIO GEN 715 & 5 GALS OF BIO GEN 634. 300 GALS OF LIQUID WASTE REMOVED BY ASTORIA TANKER. SOLID WASTE REMOVED BY VACTOR. SUMP FOUND SEALED. TAG # 23380 REMOVED.

Map Identification Number 164 **BROKEN FORCE MAIN** **Spill Number: 8806239** **Close Date: 10/25/1988**
 40 ROAD NR COLLGE PT BLVD NEW YORK CITY, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
 Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 1803 feet to the SW

ADDRESS CHANGE INFORMATION
 Revised street: 40TH RD / COLLEGE PT BLVD
 Revised zip code: 11354

Source of Spill: UNKNOWN Spiller: Spiller Phone:
 Notifier Type: Local Agency Notifier Name: Notifier Phone:
 Caller Name: MR VIOLA Caller Agency: US EPA Caller Phone: (718) 539-7597
 DEC Investigator: MANDALA Contact for more spill info: Contact Person Phone:

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | | Penalty Recommended | |
|------------------|---------------------|------------------|-------------------------|--------------------|---------------------|----------------------|
| 10/25/1988 | 10/25/1988 | UNKNOWN | UNKNOWN | | NO | |
| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
| RAW SEWAGE | OTHER | -1.00 | UNKNOWN | 0.00 | UNKNOWN | SOIL |

 Caller Remarks:

COMING UP OUT OF GUTTER IN MIDDLE OF STREET.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "MANDALAA"

Map Identification Number 165 **MAN HOLE #2856** **Spill Number: 0111528** **Close Date: 04/16/2002**
 IFO 38-09 JANET PL QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
 Site location mapped by: MANUAL MAPPING (5)
 Approximate distance from property: 1831 feet to the WSW

ADDRESS CHANGE INFORMATION
 Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: UNKNOWN Spiller: JIM FOX - UNKNOWN Spiller Phone:
 Notifier Type: Affected Persons Notifier Name: Notifier Phone:
 Caller Name: Caller Agency: Caller Phone:
 DEC Investigator: KMFOLEY Contact for more spill info: CALLER Contact Person Phone:

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 03/06/2002 | | UNKNOWN | NO | NO |

| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
|-------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN PETROLEUM | PETROLEUM | 1.00 | GALLONS | 0.00 | GALLONS | SOIL |

Caller Remarks:

LESS THAN 1 GAL OF UNKNOWN OIL (A SHEEN ON 2000 GALS OF WATER). UNKNOWN WHEN CLEAN UP WILL BEGIN. CON ED #141660.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "FOLEY"
 Con Ed e2mis #141660 Notes:

3/06/02 10:00 HRS.

A. FERRARO #26181, TROUBLESHOOTER H.V. WITH #9 , REPORTS WHILE ON LOCATION TO INSPECT CABLE IN MH-2856 AT 09:50 HRS. FOUND AN UNDIAPERABLE SHEEN OF UNKNOWN OIL ON APPROX. 200 GAL. WATER. SPILL APPEARS TO BE CONTAINED. NO SEWERS OR WATERWAYS APPEAR TO BE AFFECTED. ENV. STOP TAG #27411 TO BE PLACED. LIQUID SAMPLE TO BE TAKEN ON "E" PRIORITY TURNAROUND. D.E.C. 24 HOUR DEMINIMIS PROGRAM. CLEANUP PENDING PCB RESULTS.

3/06/02 10:27 HRS. NOTIFIED R. ROACH OF CIG.

10:45 HRS. FERRARO REPORTS CHAIN OF CUSTODY FORM # AA-11136.

LAB RESULT RECEIVED 3/6/02 - 2037. 02-01863. <1.0 PPM.

07-MAR-2002 0111HRS TAKING OFF 24 HOUR PROGRAM DUE TO UNSAFE DANGEROUS AREA . NO LIGHTS. CAN NOT BE DONE ON MIDNIGHTS. STRUCTURE MAKES WATER ALSO. CIG FOX NOTIFIED @ 0114HRS

UPDATE: 3/8/02 - 1330

J. FOSCHINO - ENV. OPS., REPORTS <1.0 PPM CLEANUP COMPLETED BY DOUBLE WASHING STRUCTURE WITH SLIX. LIQUID WASTE REMOVED BY TANKER. SOLID WASTE REMOVED BY VACTOR. SUMP SEALED. TAG # 27411 REMOVED.

3/8/02 - No leaking company equipment, incident is closed.

Map Identification Number 166 **MANHOLE 15071**
35TH AV / COLLEGE POINT B

Spill Number: 9908068
QUEENS, NY NO ZIP PROVIDED

Close Date: 02/20/2002

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1866 feet to the WNW

ADDRESS CHANGE INFORMATION
Revised street: 35TH AV / COLLEGE POINT BLVD
Revised zip code: 11354

Source of Spill: COMMERCIAL/INDUSTRIAL
Notifier Type: Responsible Party
Caller Name: MIKE CESARE
DEC Investigator: COMENALE

Spiller: SAME - CON EDISON
Notifier Name: POVERELLI
Caller Agency: CON EDISON
Contact for more spill info:

Spiller Phone:
Notifier Phone: () -
Caller Phone: (212) 580-6763
Contact Person Phone:

Spill Class: POSSIBLE REL WITH MIN POTENTIAL FOR FIRE OR HAZARD (OR KNOWN RELEASE W/ NO DAMAGE);DEC RESP;WILLING RP;CORR ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | | Penalty Recommended | |
|-------------------|---------------------|------------------|-------------------------|--------------------|---------------------|----------------------|
| 10/03/1999 | | UNKNOWN | NO | | NO | |
| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
| UNKNOWN PETROLEUM | PETROLEUM | 1.00 | GALLONS | 0.00 | GALLONS | SOIL |

Caller Remarks:

1/2GAL OF UNK OIL ON BOTTOM OF MANHOLE - CASE #128204

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 167 **MAHOLE 2725** **Spill Number: 0204046** **Close Date: 07/22/2002**
 MAPLE AV/MAIN ST QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 1878 feet to the S

ADDRESS CHANGE INFORMATION
 Revised street: NO CHANGE
 Revised zip code: NO CHANGE

| | | |
|----------------------------|--|--------------------------------------|
| Source of Spill: UNKNOWN | Spiller: UNKNOWN | Spiller Phone: |
| Notifier Type: Other | Notifier Name: | Notifier Phone: |
| Caller Name: | Caller Agency: | Caller Phone: |
| DEC Investigator: AERODRIG | Contact for more spill info: BILL MURPHY | Contact Person Phone: (212) 580-6763 |

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | | Penalty Recommended | |
|-------------------|---------------------|------------------|-------------------------|--------------------|---------------------|----------------------|
| 07/18/2002 | | UNKNOWN | NO | | NO | |
| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
| UNKNOWN PETROLEUM | PETROLEUM | 2.00 | GALLONS | 0.00 | GALLONS | SOIL |

Caller Remarks:

MANHOLE HAS EARTHEN SUMP - 2 GALS UNK OIL ON 200 GALS WATER SAMPLE TAKEN RESULTS LESS 1 PPM PCB - SPILL ORIGINAL 24 HR DIMINIMUS PROGRAM AT 11-00 AM CREW FOUND EARTHEN SUMP AND REMOVED FROM 24 HR PRGRAM CON ED 144005

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "RODRIGUEZ"
e2mis no. 144-005:

D.SALVESEN #07099 FIELD OPERATOR DOING FAULT FINDING ON FDR-7Q81 REPORTS FINDING APPROX 2 GALLONS OF AN UNKNOWN OIL ON 200 GALLONS OF STANDING WATER. NO SEWERS OR WATERWAYS APPEAR AFFECTED, NO FIRE OR SMOKE INVOLVED, NO INJURIES OR PRIVATE PROPERTY INVOLVED. LIQUID SAMPLE TAKEN MARKED FOR 24 HOUR PROGRAM. CHAIN OF CUSTODY FORM BB00215 FILLED OUT. ENVIROMENTAL TAG #15725 PLACED. CLEANUP PENDING TEST RESULTS.

7/18/02 06:20 HRS. -- PCB RESULTS: LAB SEQ # 02-06623, <1.0 PPM.

7/18/02=1100HRS FOSCHINO ENVIR OPPTS REPORTS FOUND EARTHEN SUMP.INCIDENT WILL BE TAKEN OFF 24HR DEC PROGRAM.CLEANUP CONTINUES.

7/18/02=1120HRS FOSCHINO ENVIR OPPTS REPORTS CLEANUP COMPLETED .DOULBED WASHED STRUCTURE USING BULL-DOG. ENVIR TAG #15725 REMOVED. CEMENTED SUMP.

Map Identification Number 168 **INTERSECTION ROOSEVELT
AND JANET PLACE**

Spill Number: 9800091
QUEENS, NY NO ZIP PROVIDED

Close Date: 04/02/1998

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1879 feet to the WSW

ADDRESS CHANGE INFORMATION

Revised street: ROOSEVELT AV / JANET PL
Revised zip code: 11354

Source of Spill: UNKNOWN
Notifier Type: Local Agency
Caller Name: RONALD LOCHAN
DEC Investigator: MCTIBBE

Spiller: UNK - UNK
Notifier Name: RONALD LOCHAN
Caller Agency: NYC DEP
Contact for more spill info: RONALD LOCHAN

Spiller Phone: (000) 000-0000
Notifier Phone: (718) 595-4724
Caller Phone: (718) 595-4724
Contact Person Phone: (718) 595-4724

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | | Penalty Recommended | |
|---|---------------------|------------------|-------------------------|--------------------|---------------------|----------------------|
| 04/02/1998 | | UNKNOWN | NO | | NO | |
| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
| #2 FUEL OIL | PETROLEUM | 2000 | GALLONS | 0 | GALLONS | SOIL |
| Caller Remarks: DEP PERSONNEL ON SCENE FOR INVESTIGATION-THEY ALSO NOTIFIED THEUS COAST GUARD IN CASE SPILL MAY AFFECT WATERWAY. REQ CONTACT FROM DEC | | | | | | |

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TIBBE" REFER TO 9800087.

MARK TIBBE RESPONDING.

Map Identification Number 169 **COMMERCIAL BUS** **Spill Number: 9608076** **Close Date: 10/02/1996**
 SANFORD AVE PARSONS BLVD QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 1906 feet to the ESE

ADDRESS CHANGE INFORMATION
 Revised street: SANFORD AVE / PARSONS BLVD
 Revised zip code: 11355

| | | |
|-------------------------------------|---|--------------------------------------|
| Source of Spill: COMMERCIAL VEHICLE | Spiller: CHARLES BURRUS - NYC TRANSIT AUTHORITY | Spiller Phone: (718) 243-4581 |
| Notifier Type: Responsible Party | Notifier Name: MR ANDERSON | Notifier Phone: (718) 671-0699 |
| Caller Name: CHARLES BURRUS | Caller Agency: NYC TRANSIT AUTH | Caller Phone: (718) 671-0699 |
| DEC Investigator: ADZHITOM | Contact for more spill info: CHARLES BURRUS | Contact Person Phone: (718) 671-0699 |

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | | Penalty Recommended | |
|------------------|---------------------|------------------|-------------------------|--------------------|---------------------|----------------------|
| 09/27/1996 | | OTHER | NO | | NO | |
| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
| DIESEL | PETROLEUM | 0 | GALLONS | 0 | GALLONS | SOIL |

Caller Remarks: bus ran over unk object that punctured fuel tank-still underinvestigation

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ZHITOMIRSKY"
DEPARTMENT OF SANITATION CLEANED UP THE SPILL -J. BROWN 10/01/96

Map Identification Number 170

33-05 FARRINGTON ST

QUEENS, NY NO ZIP PROVIDED

Spill Number: 0300478

Close Date: 07/18/2003

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1937 feet to the NNW

ADDRESS CHANGE INFORMATION

Revised street: 3305 FARRINGTON ST
Revised zip code: NO CHANGE

Source of Spill: UNKNOWN
Notifier Type: Affected Persons
Caller Name:
DEC Investigator: AERODRIG

Spiller: UNKNOWN
Notifier Name:
Caller Agency:
Contact for more spill info: TOM MARCINEK

Spiller Phone:
Notifier Phone:
Caller Phone:
Contact Person Phone: (212) 580-6763

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | | Penalty Recommended | |
|------------|---------------------|----------------|-------------------------|--|---------------------|--|
| 04/14/2003 | | UNKNOWN | NO | | NO | |

| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
|-------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN PETROLEUM | PETROLEUM | 1.00 | GALLONS | 0.00 | GALLONS | SOIL |

Caller Remarks:

Above material discovered in a valve box at above location. Sample has been taken and further action pending test results.

Con Ed #147884.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "RODRIGUEZ"
e2mis 147884

14-APR-2003 - At 10:05 Construction Management inspector K. Foley #18533 reports he found approximately 1 gallon of oil in an 8" diameter gas main valve box. The spill did not enter any sewers, waterways or sub surface structures. There was no fire or smoke.

Environmental rep C. McCallion #86578 and V. Basso #52420 were notified and are responding. Gas construction F. McTague #77472 was notified and is sending a gas construction crew to perform cleanup.

14-APR-2003 - Gas construction mechanic's Hutcheon #15440 and Kagan #84962 completed cleanup at 12:14. All clean up material will be disposed of properly in the C.P.Blvd. yard.

Logger C. McCallion (86578) 15-APR-2003 11:00 - oil appears to be a third party spill. Cleanup complete and satisfactory per GEI 2.10. Changed status to "- CLOSE" and entered a resolved date and time.

Logger C. McCallion (86578) 16-APR-2003 17:00 - Added "3P" to front of description to denote third party spill.

Map Identification Number 171 **PARKING LOT** **Spill Number: 9907466** **Close Date: 04/05/2000**
 4103 COLLEGE POINT BLVD FLUSHING, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION ADDRESS CHANGE INFORMATION
 Site location mapped by: ADDRESS MATCHING Revised street: NO CHANGE
 Approximate distance from property: 1966 feet to the SW Revised zip code: NO CHANGE

Source of Spill: UNKNOWN Spiller: UNKNOWN Spiller Phone:
 Notifier Type: Local Agency Notifier Name: JAMES MARCHICA Notifier Phone: (516) 595-1082
 Caller Name: JAMES MARCHICA Caller Agency: DIVERSIFIED PETROLEUM Caller Phone: (516) 595-1082
 DEC Investigator: JMROMMEL Contact for more spill info: JAMES MARCHICA Contact Person Phone: (516) 595-1082

Spill Class: KNOWN RELEASE THAT CREATES POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | | Penalty Recommended | |
|------------------|---------------------|------------------|-------------------------|--------------------|---------------------|----------------------|
| 09/21/1999 | | UNKNOWN | NO | | NO | |
| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
| HYDRAULIC OIL | OTHER | 0 | GALLONS | 0 | GALLONS | SOIL |

Caller Remarks:

PARKING LOT - TEST RESULTS CAME BACK POSITIVE - MOBILE 516-807-0731

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ROMMEL"

Map Identification Number 172 **TALLMAN ISLAND REGULATOR** **Spill Number: 9901392** **Close Date: 09/08/1999**
 57 NEW YORK CITY, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION ADDRESS CHANGE INFORMATION
 Site location mapped by: MANUAL MAPPING (4) Revised street: 41ST AVE / COLLEGE POINT BLVD
 Approximate distance from property: 1978 feet to the SW Revised zip code: 11355

Source of Spill: MAJOR OIL FACILITY (>400,000 GAL) Spiller: DEP Spiller Phone:
 Notifier Type: Affected Persons Notifier Name: EMPLOYEE Notifier Phone: () -
 Caller Name: KACHI OBIAKWATL Caller Agency: DEP Caller Phone: (718) 595-5020
 DEC Investigator: SMMARTIN Contact for more spill info: ERIC KLEE Contact Person Phone: (718) 321-8540

Spill Class: POSSIBLE REL WITH MIN POTENTIAL FOR FIRE OR HAZARD (OR KNOWN REL W/ NO DAMAGE);NO DEC RESP;WILLING RP;CORR ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 05/05/1999 | | UNKNOWN | NO | NO |

| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| RAW SEWAGE | OTHER | 103000000 | GALLONS | 0 | GALLONS | SURFACE WATER |

Caller Remarks:

BLOCKAGE IN LINE CAUSED LEAK

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "MARTINKAT"
 COPY TO DIV. OF WATER.

Map Identification Number 173 **TALLMANS ISLAND REG #57** **Spill Number: 9900950** **Close Date: 03/20/2003**
 41ST AV & COLLEGE PT BLVD QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION ADDRESS CHANGE INFORMATION
 Site location mapped by: MANUAL MAPPING (4) Revised street: 41ST AVE / COLLEGE POINT BLVD
 Approximate distance from property: 1978 feet to the SW Revised zip code: 11355

Source of Spill: COMMERCIAL/INDUSTRIAL Spiller: NEW YORK CITY DEP Spiller Phone:
 Notifier Type: Responsible Party Notifier Name: ERIC KLEE Notifier Phone: (718) 321-8540
 Caller Name: GERARD MCAULIFFE Caller Agency: NYC DEP Caller Phone: (718) 372-7193
 DEC Investigator: SACCACIO Contact for more spill info: ERIC KLEE Contact Person Phone: (718) 321-8540

Spill Class: KNOWN RELEASE THAT CREATES POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | | Penalty Recommended | |
|------------|---------------------|----------------|-------------------------|--|---------------------|--|
| 04/25/1999 | | OTHER | NO | | NO | |

| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| RAW SEWAGE | OTHER | 0 | GALLONS | 0 | GALLONS | SURFACE WATER |

Caller Remarks:

caller states a blockage in the sewer line caused a back up. backing up into sewer and into flushing bay. is an ongoing problem and the flusher truck is trying to break it up at this time.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 174 **FLUSHING BAY** **Spill Number: 9811502** **Close Date: 01/13/1999**
 REGULATOR 57 QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
 Site location mapped by: MANUAL MAPPING (4)
 Approximate distance from property: 1978 feet to the SW

ADDRESS CHANGE INFORMATION
 Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL Spiller: MR CHRISTENSEN - CITY OF NEW YORK Spiller Phone: (718) 372-7193
 Notifier Type: Responsible Party Notifier Name: SAME Notifier Phone:
 Caller Name: MR CHRISTENSEN Caller Agency: CITY OF NEW YORK EPA Caller Phone: (718) 372-7193
 DEC Investigator: CAENGELH Contact for more spill info: MR CHRISTENSEN Contact Person Phone: (718) 372-7193

Spill Class: POSSIBLE REL WITH MIN POTENTIAL FOR FIRE OR HAZARD (OR KNOWN REL W/ NO DAMAGE);NO DEC RESP;WILLING RP;CORR ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | | Penalty Recommended | |
|------------|---------------------|----------------|-------------------------|--|---------------------|--|
| 12/12/1998 | | OTHER | NO | | NO | |

| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| RAW SEWAGE | OTHER | 0 | GALLONS | 0 | GALLONS | SURFACE WATER |

Caller Remarks: THERE WAS A HEAVY GREASE BUILD UP IN THE PIPELINE .THE LINES GOINGTO THE PUMPING STATION WERE CLOGGED WITH GREASE AND IT BACKED UP INTO THE REGULATOR.ACTUAL SPILLED WAS .043 MILLION GALLONS

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ENGELHARDT"
1/13/98 Referred to Water Unit (Burns)

Map Identification Number 175 **TALLMAN ISLAND REGULAT 57** **Spill Number: 0306267** **Close Date: 10/31/2003**
41ST AV AND LAWERENCE ST QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (4)
Approximate distance from property: 1978 feet to the SW

ADDRESS CHANGE INFORMATION

Revised street: 41ST AVE / LAWERENCE ST
Revised zip code: UNKNOWN

| | | |
|--|---|--------------------------------------|
| Source of Spill: COMMERCIAL/INDUSTRIAL | Spiller: NYC DEP | Spiller Phone: |
| Notifier Type: Responsible Party | Notifier Name: | Notifier Phone: |
| Caller Name: | Caller Agency: | Caller Phone: |
| DEC Investigator: MXTIPPLE | Contact for more spill info: MICHAEL KOWALSKI | Contact Person Phone: (718) 372-7193 |

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;NO CORRECTIVE ACTION REQUIRED

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 09/13/2003 | | OTHER | NO | NO |

| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| RAW SEWAGE | OTHER | 0 | GALLONS | 0 | GALLONS | SURFACE WATER |

Caller Remarks:

spill is still on-going - started at 1020 - spill is not confined - spill is due to a blockage

**** FINISH TIME 1130 AM *****

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TIPPLE"
9/15/03 REFERRED TO WATER UNIT.

Map Identification Number 176 **TALLMAN ISLAND REG. #57**
 41ST ST E. OF LAWRENCE AV

Spill Number: 0003978
 QUEENS, NY NO ZIP PROVIDED

Close Date: 05/09/2003

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (4)
 Approximate distance from property: 1978 feet to the SW

ADDRESS CHANGE INFORMATION

Revised street: 41ST AVE / COLLEGE POINT BLVD
 Revised zip code: 11355

Source of Spill: COMMERCIAL/INDUSTRIAL
 Notifier Type: Responsible Party
 Caller Name:
 DEC Investigator: TJDEMEO

Spiller: TALLMAN ISLAND REG 57
 Notifier Name:
 Caller Agency:
 Contact for more spill info:

Spiller Phone:
 Notifier Phone:
 Caller Phone:
 Contact Person Phone:

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 07/01/2000 | | OTHER | NO | NO |

| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| RAW SEWAGE | OTHER | 0 | GALLONS | 0 | GALLONS | SURFACE WATER |

Caller Remarks:

HIGH FLOW CAUSED BYPASS DUE TO 2 OPEN HYDRANTS AROUND THE CORNER FROM THE SPILL - BYPASS STOPPED AT 18:45

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "DEMEO"
 5/9/03 TJD

Raw Sewage Bypass. Referred to DOW. No further action required.

Map Identification Number 177 **TALLMAN ISLAND REGUL. 57**
 41ST AVE E. OF LAWRENCE

Spill Number: 0003657
 QUEENS, NY NO ZIP PROVIDED

Close Date: 03/26/2004

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (4)
 Approximate distance from property: 1978 feet to the SW

ADDRESS CHANGE INFORMATION

Revised street: 41ST AVE / COLLEGE POINT BLVD
 Revised zip code: 11355

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER
 Notifier Type: Responsible Party
 Caller Name:
 DEC Investigator: SACCACIO

Spiller: TIM CHRISTENSEN - CITY OF NEW YORK
 Notifier Name:
 Caller Agency:
 Contact for more spill info:

Spiller Phone: (718) 372-7193
 Notifier Phone:
 Caller Phone:
 Contact Person Phone:

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | | Penalty Recommended | |
|------------|---------------------|----------------|-------------------------|--|---------------------|--|
| 06/25/2000 | | OTHER | NO | | NO | |

| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| RAW SEWAGE | OTHER | 0 | GALLONS | 0 | GALLONS | SURFACE WATER |

Caller Remarks:

CLOG IN SYSTEM CAUSING BYPASS - REPAIR CREW ON WAY

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 178 VS 6739
 42-14 MAIN ST

Spill Number: 9901270 **Close Date: 05/12/1999**
 QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 2042 feet to the S

ADDRESS CHANGE INFORMATION
 Revised street: 4214 MAIN ST
 Revised zip code: NO CHANGE

Source of Spill: UNKNOWN
 Notifier Type: Affected Persons
 Caller Name: STEVEN CRIBBIN
 DEC Investigator: CAENGELH

Spiller: UNK - UNK
 Notifier Name: MR DONATONE
 Caller Agency: CON EDISON
 Contact for more spill info:

Spiller Phone:
 Notifier Phone: (212) 580-6763
 Caller Phone: (212) 580-6763
 Contact Person Phone:

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | | Penalty Recommended | |
|------------|---------------------|----------------|-------------------------|--|---------------------|--|
| 05/03/1999 | | UNKNOWN | NO | | NO | |

| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
|-------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN PETROLEUM | PETROLEUM | 1.00 | GALLONS | 0.00 | GALLONS | SOIL |

Caller Remarks:

unk oil on 800 gal of water - contained in vault - transformer will
 be tested - con ed #124603 - sample taken - records indicated 1 ppm
 but clean up is pending the lab results

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ENGELHARDT"
 DEC Inspector notes:

5/11/99: emailed ERT's for e2mis.

Con ed e2mis notes:

Records show 1ppm. approx 1 gal of unknown oil on 800 gallons water. PCB results: 3ppm, clean up is complete.

| | | | |
|--|---|--------------------------------------|-------------------------------|
| Map Identification Number 179 | MANHOLE 2856 3908 JANET PLACE | Spill Number: 9810488 | Close Date: 10/31/2002 |
| | | QUEENS, NY NO ZIP PROVIDED | |
| MAP LOCATION INFORMATION | | ADDRESS CHANGE INFORMATION | |
| Site location mapped by: MANUAL MAPPING (1) | | Revised street: NO CHANGE | |
| Approximate distance from property: 2058 feet to the WSW | | Revised zip code: 11354 | |
| Source of Spill: UNKNOWN | Spiller: UNKNOWN | Spiller Phone: | |
| Notifier Type: Affected Persons | Notifier Name: | Notifier Phone: | |
| Caller Name: TONY CONSTANTINE | Caller Agency: CON EDISON | Caller Phone: (212) 580-6763 | |
| DEC Investigator: CAENGELH | Contact for more spill info: CALLER | Contact Person Phone: (212) 580-6763 | |

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | | Penalty Recommended | | |
|------------|---------------------|----------------|-------------------------|--|---------------------|--|--|
| 11/19/1998 | | UNKNOWN | NO | | NO | | |

| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
|-------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN PETROLEUM | PETROLEUM | 1.00 | GALLONS | 0.00 | GALLONS | SOIL |

Caller Remarks: 2QT UNK OIL IN MANHOLE, CLEANUP PENDING. SPILL # 121363

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ENGELHARDT"
E2MIS NOTES 121363

11/19/98 100HRS--BONFIGLIO REPORTS FOUND APPROX-2-QUARTS OF UNKNOWN OIL ON 400 GALLONS WATER ,IN MH-2856 CONTAINED NO SEWERS OR WATERWAYS EFFECTED,WAITING FOR SUPERV.TO TAKE SAMPLE AND HANG TAG,----G DONATONE----- UPDATE***** MR. SAGONAS REPORTS TAG WAS PLACED # 00648. ALSO SAID, HE NOW NOTICED CABLE ENDS IN WATER BUT CAN NOT DETERMINE IF THEY ARE LEAKING OR IF THEY ARE CAPPED. WILL TAKEN 1 LIQUID SAMPLE ON A 4-6HR TURNAROUND. S.PACE 49874.

11/20/98--SAMPLE RETURN 1.PPM-LAB SEQ#--98-12800---G DONATONE-----NOTE--THIS INCIDENT WAS PUT IN BROOKLYN SITE BY MISTAKE--- SEE INCIDENT #121361-----g donatone-----

11/20/98--1200HRS--MR KNOX FLUSH REPORTS CLEANUP COMPLETED WITH SLIX ,TAG WILL REMAIN UNTIL I&A COMPLETES THEIR WORK--

update - 12/19/98 - O.S. R. SALADINO REPORTS THAT I&A HAS COMPLETED WORK AND HAS PULLED TAG # 00648. H BERTORELLI # 54348.

UPDATE - 12/21/98 - O.S. R. SALADINO REPORTS THAT AN INSPECTION OF THE SITE WAS PERFORMED AND CLEAN UP COMPLETED. H BERTORELLI # 54348.

UPDATE - 12/21/98 - INCIDENT IS CLOSED - (CANNOT UPDATE EVENT INVOLVED HISTORTY PORTION OF E2MIS, SYSTEM ERROR).

Map Identification Number 180 **CATCH BASIN**
 41-33 COLLEGE POINT BLVD

Spill Number: 0409784 **Close Date: 05/05/2005**
 QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 2145 feet to the SSW

ADDRESS CHANGE INFORMATION
 Revised street: 4133 COLLEGE POINT BLVD
 Revised zip code: NO CHANGE

Source of Spill: UNKNOWN
 Notifier Type: Other
 Caller Name:
 DEC Investigator: GDBREEN

Spiller:
 Notifier Name:
 Caller Agency:
 Contact for more spill info: ERT DESK

Spiller Phone:
 Notifier Phone:
 Caller Phone:
 Contact Person Phone: (212) 580-8383

Spill Class: POSSIBLE REL WITH MIN POTENTIAL FOR FIRE OR HAZARD (OR KNOWN REL W/ NO DAMAGE);NO DEC RESP;WILLING RP;CORR ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 12/02/2004 | | UNKNOWN | NO | NO |

| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| ANTIFREEZE | OTHER | 0 | UNKNOWN | 0 | UNKNOWN | |

Caller Remarks:

MECHANIC FOUND THIS IN CATCH BASIN: UNKNOWN WHERE IT CAME FROM. See 156434.

DEC Investigator Remarks:

e2mis no 156434

GDS Mechanic, Howard Walsh reported a 3rd Party spill of an unknown amount of antifreeze in catchbasin in front of 41-33 College Point Blvd, Queens. No further action required. Entered resolved date and time. Changed status to CLOSN.

Map Identification Number 181 **131-60 40TH ROAD/QUEENS**
 131-60 40TH ROAD

Spill Number: 8806394 **Close Date: 10/31/1988**
 NEW YORK CITY, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 2157 feet to the SW

ADDRESS CHANGE INFORMATION
 Revised street: 13160 40TH ROAD
 Revised zip code: NO CHANGE

Source of Spill: UNKNOWN Spiller: Spiller Phone:
 Notifier Type: Citizen Notifier Name: Notifier Phone:
 Caller Name: MRS.WHEELER Caller Agency: CITIZEN Caller Phone: (718) 353-4574
 DEC Investigator: TAYLOR Contact for more spill info: Contact Person Phone:

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | | Penalty Recommended | |
|------------------|---------------------|------------------|-------------------------|--------------------|---------------------|----------------------|
| 10/28/1988 | 10/31/1988 | OTHER | UNKNOWN | | NO | |
| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
| RAW SEWAGE | OTHER | -1.00 | UNKNOWN | 0.00 | UNKNOWN | SEWER |

Caller Remarks:

NOTIFIED NYCDEP, NYCDEP RESPONDED BUT CLAIMED IT WAS NOT THEIR RESPONSIBILITY, ACROSS FROM TREATMENT PLANT.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 182 ON THE STREET IN FRONT OF Spill Number: 9811411 Close Date: 12/10/1998
 132-19 34TH AVE FLUSHING, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 2211 feet to the WNW

ADDRESS CHANGE INFORMATION
 Revised street: 13219 34TH AVE
 Revised zip code: UNKNOWN

Source of Spill: UNKNOWN Spiller: UNKNOWN Spiller Phone:
 Notifier Type: Federal Government Notifier Name: NRC Notifier Phone:
 Caller Name: PETTY OFFICER CARNEL Caller Agency: USCG Caller Phone: (718) 354-4136
 DEC Investigator: MCTIBBE Contact for more spill info: SALVATORE ARENA Contact Person Phone: (718) 353-9415

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;UNABLE/UNWILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | | Penalty Recommended | |
|-------------------|---------------------|------------------|-------------------------|--------------------|---------------------|----------------------|
| 12/10/1998 | | UNKNOWN | NO | | NO | |
| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
| UNKNOWN PETROLEUM | PETROLEUM | 0 | GALLONS | 0 | GALLONS | SOIL |

Caller Remarks: CALLER STATED THAT THERE IS A LOT OF OIL IN THE STREET AND THE ORIGINAL COMPLAINANT TO THE NRC STATED THE OIL CAUSED HIM TO GET INTO AN ACCIDENT AT THE ABOVE LOCATION NRC SPILL #467033

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TIBBE"
 NOT OIL - WATER AND MARBLE DUST FROM MARBLE CUTTING PLAGE. SAND SPREAD IN STREET.

Map Identification Number 183 **32-02 LINDEN PL** **Spill Number: 9103428** **Close Date: 06/27/1991**
 32-02 LINDEN PL FLUSHING, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 2221 feet to the NNW

ADDRESS CHANGE INFORMATION
 Revised street: 3202 LINDEN PL
 Revised zip code: NO CHANGE

| | | |
|-------------------------------------|-------------------------------------|------------------------------|
| Source of Spill: COMMERCIAL VEHICLE | Spiller: LINDEN MOTOR FREIGHT | Spiller Phone: |
| Notifier Type: Responsible Party | Notifier Name: | Notifier Phone: |
| Caller Name: JACK KAZANN | Caller Agency: LINDEN MOTOR FREIGHT | Caller Phone: (908) 862-1400 |
| DEC Investigator: KSTANG | Contact for more spill info: | Contact Person Phone: |

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 06/27/1991 | 06/27/1991 | UNKNOWN | UNKNOWN | NO |

NO MATERIAL INFORMATION GIVEN FOR THIS SPILL

Caller Remarks:

2 55 GAL DRUMS INSIDE 28 FT TRAILER ONE OR BOTH MAY BE LEAKING, PAILS SET UP TO CATCH LEAK, REQUESTS CALLBACK, 1 DRUM OF CELLOXYDE 492 PAINTTHINNER ALSO LEAKING

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TANG"
 / / : NYCDEP, FD & PD HAZ MAT ON SCENE TO OVERPACK THE LEAKING DRUMS WITH 85 GAL DRUMS. DRISOL APPLIED DUPONT EMERG UNIT ENROUTE TO DISPOSE.

10/10/95: This is additional information about material spilled from the translation of the old spill file: METHYL-METHACROLATE.

Map Identification Number 184 **MANHOLE 13535**
 138-10 FRANKLIN AVE

Spill Number: 0105754 **Close Date: 07/23/2003**
 QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 2231 feet to the SSE

ADDRESS CHANGE INFORMATION
 Revised street: 13810 FRANKLIN AVE
 Revised zip code: NO CHANGE

Source of Spill: UNKNOWN
 Notifier Type: Affected Persons
 Caller Name:
 DEC Investigator: KMFOLEY

Spiller:
 Notifier Name:
 Caller Agency:
 Contact for more spill info:

Spiller Phone:
 Notifier Phone:
 Caller Phone:
 Contact Person Phone:

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | | Penalty Recommended | |
|------------|---------------------|----------------|-------------------------|--|---------------------|--|
| 08/28/2001 | | UNKNOWN | NO | | NO | |

| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
|-------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN PETROLEUM | PETROLEUM | 1.00 | GALLONS | 0.00 | GALLONS | SOIL |

Caller Remarks:

4qts unk oil in manhole - cleanup not performed yet - case #139162
 400gal of water

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "FOLEY"
 E2MIS 139162

T.CASSANO #28111 U.G SPLICER ON LOCATION TO REPAIR STREET LAMP REPORTS FINDING IN MH-13535 APPROX 4 QUARTS OF AN UNKNOWN OIL ON 400 GALLONS OF STANDING WATER. NO FIRE INVOLVED, NO SEWERS OR WATERWAYS APPEAR AFFECTED, NO PRIVATE PROPERTY INVLOVED, NO OIL FILLED EQUIPMENT VISABLE. LIQUID SAMPLE TAKEN MARKED FOR A 24 HOUR DIMINIMUS PROGRAM & STOP TAG #05544 PLACED, CHAIN OF CUSTODY # AA20001 FILLED OUT. NO PARKING TUES 8-11AM. #12255 VDC.

UPDATE CIG MCCARTHY NOTIFIED. #12255 VDC.

UPDATE @ 0910 HRS 8/28 SAMPLE ARRIVED AT CHEM LAB. #12255 VDC.

UPDATE @ 1243 HRS 8/28 LAB RESULTS

RECEIVED SEQ #01-08600-001 @ <1PPM PCB. #12255 VDC.

Update - 8/29/01 - 0045hrs

Due to no access situation (no parking tues 8 - 11 am) will remove incident from 24 hr deminimus as per R.Hutchinson, Env. Ops OS.

Advised CIG M. Schlagel @ 0049hrs 8/29/01

UPDATE - 04-SEP-2001 10:55 HRS.

ENVIR. FLUSH DEPT. MECH-A. J.RUTIGLIANO EMP# 42669

REPORTS: STRUCTURE DBL. WASHED WITH BIO-GEN 760 ENVIR. TAG# 05544 REMOVED. CEMENTED SUMP IN STRUCTURE. CLEANUP COMPLETE.

100%

CHOGAN 07511

Map Identification Number 185 **MANHOLE 1461**
NW 140TH ST AT 32ND AVE

Spill Number: 9912928 **Close Date: 02/27/2002**
QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 2242 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: NW 140TH ST / 32ND AVE
Revised zip code: 11354

Source of Spill: COMMERCIAL/INDUSTRIAL
Notifier Type: Responsible Party
Caller Name:
DEC Investigator: JHOCONNE

Spiller: UNKNOWN
Notifier Name:
Caller Agency:
Contact for more spill info: BRIAN JOYCE

Spiller Phone:
Notifier Phone:
Caller Phone:
Contact Person Phone: (212) 580-6763

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

FLUSH PIT HAS BEEN DRAINED 2700 GALS OF PRODUCT AND PLACED IN FRAT TANK - SAMPLES TAKEN SHOW 65 PART PER TRILLION PCB - CLEAN UP
PENDING LAB RESULTS - AREAS AFFECTED HAVE BEEN ISOLATED

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"

e2mis no. 130656:

3/31/00--1100hrs--G.Jacobi Envir.Ops O.S.reports, Queens was notified by Bronx Westchester Divison that Vehicle #60507 had dumped at Farrington St. pits, on 3/30/00. When the truck returned to the Bronx Division, the crew noticed the back splash pan was coated with oil. A sample was taken, results came back as 1084-PPM PCB's. They notified Queens Division of results. Farrington St. pits were closed, pending results of sludge samples taken by Queens Env. Ops. crew.

Update - 3/31/00 - 1200hrs - O.S. R. Walter reports that Jane O'Connell, NYS DEC, Ajit Kalra DEP, and Dalkeith Wright DEP, Mike Saladino EHS Con Ed, Raymond Lo, ERT Con Ed, Rod Herbert Envir Ops Con Ed, Robert Hutchinson Envir Ops Con Ed, George Jacobi Envir Ops Con Ed, and Randy Walter Con Ed arrived at Farrington Street Flush Facility to investigate the Bronx/ Farrington incident. DEP agents placed a seal on the NYC discharge valve which had previously been put in the closed position when the facility was closed down. The effluent readings at that time were 4644200 at the sampling point, and 29842.8 after last bag on carbon unit.

1345hrs lab results returned from chem lab #00-03047- grab results 1622ppm, 1549ppm ,1974ppm composite results -2.ppm, 6ppm, 1ppm

-----Original Message-----

From: Kessler, Michael

Sent: Friday, March 31, 2000 3:06 PM

To: Donovan, Robert

Cc: Lo, Raymond; dl - Environmental Response Team; CIG-DESK

Subject: Farrington Flush Pit

Robert, I have attached the document I spoke to you about. The first page is the information that should be provided in the E2MIS report. The second two pages are background information.

Incident Detail

E2MIS #130656

Farrington Street Flush Facility (Farrington Street & 32nd Street, Queens)

Start Time 30-MAR-2000 03:00

First Reported 30-MAR-2000 21:00

First Reported to CIG 31-MAR-2000 08:30

At 21:00 3-30-00, ERT received results of 1084 ppm PCBs from the ChemLab. The sludge is from a splash pan from flush truck #60507. This flush truck is at the Van Nest Shops, 1615 Bronxdale Avenue, Bronx, NY. The truck is isolated pending decontamination. According to the sample requester, Rod Herbert, the flush truck dumped its load at the Farrington Flush pit, Farrington St & 32nd Avenue, Queens, at approximately 03:00 am, 3-30-00. The truck was then taken to Van Nest at 07:00, 3-30-00. The flush pit has been closed and samples of soil and sludge taken for PCBs. A preliminary sample result of the discharge from the pit shows <65 parts per trillion (ppt).

The following agencies were notified by telephone message by ERT-Perez, DEC, EPA, DEP, and Ombudsman. ERT-Kessler received the following preliminary sample results at 07:30, 3-31-00.

(1) oil duct plug greater than or equal to 1200 ppm PCBs, (2) oil spot in the center of the pit greater than or equal to 1500 ppm

PCBs, and (3) oil spot from the s/w/c greater than or equal to 1700 ppm PCBs.

The preliminary sample results and the information found above were report via CIG to the following agencies, NRC, EPA Region #2, DEC, DEP, DEP Right-to-Know, and the Con Ed Law Department.

UPDATE

The following information is provided by ERT- Lo, 12:45, 03-31-00 flush truck #60507 had flushed 6 manholes in Westchester County. manhole #7792 located at Yonkers Ave & Grace, Yonkers, N.Y..the manhole number is 7792 will be checked first. this Manhole will be investigated for contamination using an >500 ppm PCB sampling grid. if this manhole is contaminated the investigation will be concluded that the contamination at Farrington came from this manhole. if this manhole is clean the other 6 manholes will be sampled. Clean Harbors has been contacted and is responding with an estimated time of arrival at 13:25, 3-31-00, for remediation of the Farrington Flush Pit.

The above protocol was approved by Con Edison Environmental personnel, DEC Region 2 and EPA.

Both the initial information and the update has been provided to Todd Ghiosay, DEC Region 3, via ERT -Kessler with a telephone message. The above update will be provided via CIG to the NRC (US Coast Guard), EPA Region 2, DEC Region 2, DEP, DEP Right to Know, and Con Ed Law Department. The above initial information and update will be provided via CIG to DEC Region 3, and WDOH.

Farrington Flush Pit Contamination Chronology - March 31, 2000

1. Below information provide to Dave Perez - ERT

- a. At approximately 21:00 3-30-00, ERT received results of 1084 ppm PCBs from sludge from a splash pan from flush truck #60507. This flush truck is at the Van Nest Shops, 1615 Bronxdale Avenue, Bronx, NY. The truck is isolated pending decontamination.
- b. According to the sample requester, Rod Herbert, the flush truck dumped its load at the Farrington Flush pit, Farrington St & 32nd Avenue, Queens, at approximately 03:00 am, 3-30-00. The truck was then taken to Van Nest at 07:00, 3-30-00.
- c. The flush pit has been closed and samples of soil and sludge taken for PCBs. A preliminary sample result of the discharge from the pit shows <65 parts per trillion (ppt).
- d. The following agencies were notified by telephone message by ERT, DEC, EPA, DEP, and Ombudsman.

2. 07:30 - 3-31-00

- a. ERT-Kessler received the following preliminary sample results; (1) oil duct plug greater than or equal to 1200 ppm PCBs, (2) oil spot in the center of the pit greater than or equal to 1500 ppm PCBs, and (3) oil spot from the s/w/c greater than or equal to 1700 ppm PCBs.
- b. The preliminary sample results and the information found in item 1 were report via CIG to the following agencies, NRC, EPA Region #2, DEC, DEP, DEPRTK, and the Con Ed Law Department.

3. 11:12 - 3-31-00 the below information was provided by Barry Cohen to the EPA.

- a. As we discussed at about 9:20 AM this morning, I am forwarding to you an email from David Perez of Con Edison's Environmental Response Team re the incident involving We'll keep you informed of future developments. In addition, I am confirming my understanding of our agreement re how to proceed:
 - (i) Con Ed will ship the collected wastewater from the Farrington Flush Facility to our Astoria Wastewater Treatment Plant or to a commercial TSDF;
 - (ii) Con Ed will manage all sediment as PCB waste. We will also manage all water as PCB waste unless it has been sampled and found to contain <0.5 ppb PCBs (the decon standard for unrestricted use).
 - (iii) Con Ed will wash and rinse the concrete on which sediment was deposited at least two times. We will then perform PCB wipe sampling in accordance with the Grid referenced in the PCB Spill Cleanup Policy. We did not discuss the appropriate cleanup standard. If we cannot achieve surface concentrations less than or equal to 10 ug/100 cm² by washing and rinsing, we will call you to discuss our options.

(iv) We will decon the flush truck in accordance with applicable EPA decontamination requirements. This will involve swabbing with solvent or double washing/rinsing the splash pan and other affected exterior portions of the vehicle and triple flushing the interior of the waste hauling compartment with an appropriate solvent (e.g., mineral oil, citrikleen) containing <50 ppm PCBs (the volume of solvent used for each flush must be at least 10% of the capacity of the interior compartment). Note that Con Ed may use separate batches of solvent for each flush or reuse the initial batch for all 3 flushes.

(v) We will attempt to determine when the flush truck dumped its previous load and from which underground structures it picked up sediment between that time and Wednesday night when it dumped the load in question. We will then inspect each identified structure to determine if there is any oily or other unusual material (e.g., the sludge-type material found on the truck's splash pan) and if we can determine potential sources of such material. If we find oily or other suspicious material in a structure, we will sample it for PCBs. If you have any questions or believe that I misunderstood the agreements reached during our phone conversation, please call me at 718-204-4236 or page me at 917-314-6903. Thanks.

4. 03-31-00, 12:45, Information provided by ERT- Lo

a. Flush truck #60507 had flushed 6 manholes, all in Westchester County. The manholes will be investigated for contamination using an >500 ppm PCB sampling grid. If all the manholes are clean, 2 other flush trucks will be investigated because they dumped at the Farrington Flush Pit at approximately the same time as truck #60507.

b. Clean Harbors has been contacted and is responding with an estimated time of arrival at 13:25, 3-31-00, for remediation of the Farrington Flush Pit.

c. The above protocol was approved by Con Edison Environmental personnel, DEC and EPA.

d. The information found in items 1 and 4 were reported to Todd Ghiosay, DEC Region 3, via the ERT with a telephone message.

-----Original Message-----

From: Kessler, Michael

Sent: Friday, March 31, 2000 3:13 PM

To: Donovan, Robert

Cc: dl - Environmental Response Team; CIG-DESK

Subject: FW: By RANDY WALTER 00-03047

The following sample results were provided to the following agencies via CIG NRC(US Coast Guard), EPA Region 2, DEC Regions 2 and 3, DEP, DEP Right to Know, WDOH, Law Department.

Lab Sequence Number: 00-03047 Date Reported: 03/31/00

E2 Incident Number: Date Received: 03/31/00

Date Sampled: 03/31/00

Description: SOIL&OIL; FARRINGTON WWTF - EAST DUMP PIT

Facility: 124-15 31ST AVE QUEENS.

001 SAMPLE TYPE: OIL 1254 1622. PPM

EQUIPMENT: EAST DUMP PIT

LOCATION: OILY DUCT PLUG SAMPLE-EAST DUMP PIT

002 SAMPLE TYPE: OIL 1254 1549. PPM

EQUIPMENT: CTR- EAST DUMP PIT

LOCATION: OIL SPOT -CTR- EAST DUMP PIT

#####

Lab Sequence Number: 00-03047

Description: SOIL&OIL; FARRINGTON WWTF - EAST DUMP PIT

Facility: 124-15 31ST AVE QUEENS.

003 SAMPLE TYPE: OIL 1254 1974. PPM

EQUIPMENT: S/W/C EAST DUMP

LOCATION: OIL SPOT S/W/C EAST DUMP PIT

VAULT: N/A FDR: N/A PHASE: N/A
004 SAMPLE TYPE: SLUDGE 1254 2. PPM
EQUIPMENT: FOUR CORNERS
LOCATION: FOUR CORNERS-DEBRIS PILE EAST PIT

Lab Sequence Number: 00-03047
Description: SOIL&OIL; FARRINGTON WWTF - EAST DUMP PIT
Facility: 124-15 31ST AVE QUEENS.
005 SAMPLE TYPE: SLUDGE 1254 1. PPM
EQUIPMENT: NORTH END
LOCATION: NORTH END - DEBRIS PILE EAST PIT
006 SAMPLE TYPE: SLUDGE 1254 6. PPM
EQUIPMENT: NORTHER MOST PART
LOCATION: NORTHERN MOST PART BY RETAINING BURN

1550hrs--lab results returned for 2 queens vactors- #60506 & 60566 both were <1.ppm lab#00-0354

UPDATE: 3/31/00 18:39HRS
R. WALTERS CALLED WITH THE FOLLOWING UPDATE:
@15:00 HRS CHEM LAB CHEMISTS TOOK THE FOLLOWING SAMPLES TO BE ANALYZED FOR PCB'S:
1- EAST SETTLING PIT-1 COMPOSITE SAMPLE
2-WEST SETTLING PIT- 1 COMPOSITE SAMPLE
3- NORTH SETTLING PIT- 1 COMPOSITE SAMPLE
4- SOUTH PUMP MANHOLE- 1 COMPOSITE SAMPLE
5- NORTH PUMP MANHOLE-1 COMPOSITE SAMPLE
6- GRAY FERRIC TANK- 2 GRAB SAMPLES
7- FRACK TANK- 1 GRAB SAMPLE
8- FRONT OF SOUTH DRYING BIN- 1 GRAB SAMPLE
JANE O'CONNELL AND SAM ARAKHAN OF DEC STILL ON LOCATION AND WILL STAND BY DURING CLEANUP EFFORTS. THEY HAVE REQUESTED A SITE SPECIFIC HEALTH AND SAFETY PLAN. RAY BARRETT OF CLEAN HARBORS ON LOCATION WITH 5 TECHNICIANS. HE HAS SUPPLIED MS. O'CONNELL WITH HIS SITE SPECIFIC HEALTH AND SAFETY PLAN AND SHE HAS APPROVED OF THE PLAN.

18:30HRS: CLEANUP EFFORTS HAVE BEGUN-ALL SOLID DEBRIS FROM THE EAST DUMP PIT IS IN THE PROCESS OF BEING REMOVED USING A VAC TANK AND A VACTOR TO SUPPLY VACUUM. MIKE SALADINO, GEORGE GREENWOOD AND BOB O'KANE WERE ON LOCATION AND LEFT AT 18:00HRS. RAY LOWE IS ON LOCATION AND PRESENTLY WITH JANE O'CONNELL.

UPDATE: 3/31/00 UPDATE BELOW FROM ANDREA SCHMITZ SENT FROM DAVE PEREZ (ERT) THROUGH E-MAIL.
Below are the precautionary steps we have taken to address the possible PCB contamination from six electric manholes.
1. Paul Lonseth is contacting the gas employees that may have been exposed to PCBs to offer them an exposure form and a medical, if requested. These employees are Carlos Rivera, Alex Torres, George Jones, Kevin Ross and Ken Hurley. The clothing and PPE that was used by the gas employees in the rodging truck operation at the six manholes in question (listed below) was confiscated and is being held "pending analysis" at Bruckner Blvd.
2. The six manholes in question are off-limits until the PCB source from the flush truck is located. Gas Operations will not enter the following manholes:
#8882, Location 2058 Central Park, Yonkers
#8791, 2082 Central Park, Yonkers
#7792, Yonkers and Grace Ave., Yonkers

#7771, 315 Saw Mill River Road, Yonkers

#7772, Lockwood and Burhams, Yonkers

#7770, 339 Saw Mill River, Yonkers

3. For other manholes (currently not under investigation), Gas Operations will follow the existing procedure of stopping and sampling prior to entry if oil is discovered.

4. The rodding truck used by Gas Operations at the six manholes has been taken out of service, cordoned off and covered at the Yonkers workout location until the flush investigation is complete.

5. We are putting together a list of the other locations that the rodding truck was used after being used in the six manholes listed in item 2 above. We will provide this list to Andrea Johnson.

UPDATE: 3/31/00

MS. ANDREA SCHMITZ, 84229, CALLED ME TO INFORM ADD THE FOLLOWING:

CLEAN HARBORS TO DECON THE GAS UTILITY TRUCK THE CABLE PULLING TRUCK AND THE RODDING TRUCK ON SATURDAY, 4/1/00 IN YONKERS.

UPDATE: 3/31/00 23:00HRSR. WALTER CALLED WITH THE FOLLOWING UPDATE:

S&D SUPERVISOR PETE BOWMAN AND 4 TECHNICIANS BEGAN CLEAN OUT OF GRAY SEDIMENT TANK AFTER DEC AGENT SAM ARAKHAN APPROVED THEIR SITE SPECIFIC HEALTH AND SAFETY PLAN. CLEANUP BEING PERFORMED USING A VAC TANK AND A VACTOR FOR VACUUM. DEC AGENT JANE O'CONNELL LEFT SITE @ 22:00HRS. AGENT ARAKHAN WILL REMAIN ON SITE UNTIL RELIEVED IN AM BY JANE O'CONNELL. CORPORATE TRANSPORTATION REMOVED 3600 GALLONS OF WATER OUT OF FRACK TANK USING AN OVER 50 TANKER ON MANIFEST# NYE 068703 DOCUMENT# 96418.

THREE (3) SEPERATE WIPE SAMPLE GRIDS WERE MADE UP BY BOB O'KANE OF E H &S.

1st GRID- EAST DUMP PIT 40' X 15' CONSISTING OF 19 WIPE SAMPLE POINTS

2nd GRID- EAST SETTLING PIT 10' X 5' CONSISTING OF 21 WIPE SAMPLE POINTS

3rd GRID- FRONT OF DRYING BIN 39' X 5' CONSISTING OF 7 WIPE SAMPLE POINTS

UPDATE 01-APR-2000 1124hrs

R. Hutchinson reports at 0430 hrs. S&D Environmental completed clean out of grey settling tank. Copies of billing information is filed in Env. Ops. office. 0435 hrs. Corp. Transp. tanker removed 3500 gallons of liquid from frac tank. Next available tanker will be dispatched to refill at 2300 hrs. 0520 hrs. Clean Harbors filled first vacuum box and replaced it with empty box. At this point east bin is 90% complete. 1005 hrs. Clean Harbors roll off truck broke a brake line, truck unable to roll. Brought Clean Harbors mechanic into College Pt. Yard and had Qns. Transportation mechanic replace hose.

Update 4/1/00 - 1100 hrs - O. S. Randy Walter met Jane O'Connell of the NYSDEC, and both parties agreed to the following preliminary plan for the return of the Farrington Street Flush Facility to operational status.

1- Contractor will complete clean up of East waste pile area, 4 settling pits and surface concrete area.

2- Con Edison Chem lab will perform wipe testing on approved grids in East waste pile area, concrete area in front of drying bins, and East settling pit 1.

3- Until results are received, system can only operate with the discharge to Frac tank. Once wipe samples are received and approved, Con Ed will sample effluent from system for compliance parameters for city sewer discharge.

4- Once NYC DEP has reviewed and approved effluent sample results, both NYC DEP, and NYS DEC approval must be given before system can resume discharge to city sewer system. Both R. Walter and J. O'Connell signed the above preliminary agreement and a copy was faxed to George Pennecke. Another copy is on file in the Envir OPs office in College Point.

Update 4/1/00 1615: Operating supervisor R. Walters reports that Clean Harbors has completed removing all solids from above ground contaminated area. All above ground areas have been double washed and rinsed with citrus cleaner and water. Additional Clean Harbor employees are on site. They are in the process of resetting zones around contaminated area. The second vac box is being

removed and 2 additional vac boxes are being dropped off. These vac boxes will be used for sediment removal from the below ground settling basins. Clean Harbors has notified Con Ed they should be completed with scope of work by 2300hrs tonight. Chem Lab supervisor Stella Volpe was notified that we will require 47 PCB wipe sample on Sunday ,4/2/00 @ 0800hrs.

UPDATE: 4/1/00 18:45HRS R. WALTER CALLED STATING THAT BASED ON THE LAB RESULTS BELOW, IT CLEARLY SHOWS THAT CONTAMINATION CAME FROM TRUCK 60507:

CROSS REFERENCING LAB RESULTS FROM INCIDENT 130650 FROM TRUCK 60507:

LAB SEQ#: 00-03101

001-SAMPLE TYPE: OILY SWAB AS OIL: 956PPM- TRUCK TUBE

002-SAMPLE TYPE: OILY SWAB AS OIL: 473PPM- TUBE A

003-SAMPLE TYPE: OILY SWAB AS OIL: 126PPM- TUBE B

004-SAMPLE TYPE: OILY SWAB AS OIL: 149PPM- TUBE C

005-SAMPLE TYPE: OILY SWAB AS OIL: 715PPM- END TUBE

006-SAMPLE TYPE: OILY SWAB AS OIL: 1675PPM- INSIDE ON DOOR

007-SAMPLE TYPE: OILY SWAB AS OIL: 228PPM- INSIDE TRUCK

008-SAMPLE TYPE: OILY SWAB AS OIL: 1543PPM- DIAPER TUBE

UPDATE: 4/1/00 20:00HRS R. WALTER CALLED WITH THE FOLLOWING UPDATE:

AT 19:30 HRS JANE O'CONNELL CALLED FOR UPDATE ON CLEANUP. INFORMED HER PRESENTLY ALL ABOVE GROUND SURFACES HAVE BEEN DOUBLE WASHED AND STEAM CLEANED AND CLEAN HARBORS TECHNICIANS ARE IN THE PROCESS OF CLEANING THE EAST AND WEST SETTLING PITS. SHE HAS ASKED THAT A COPY OF ALL THE CONFINED SPACE PERMITS FOR BOTH CLEAN HARBORS AND S&D BE FAXED TO HER OFFICE @ 718 482-4043.

Update - 4/2/00 - 0700hrs - O. S. R. Walter reports that Envir Ops employees Ahluwalia, Weihs, and Raft soda blasted a 5' x 39' area in front of drying bin, and the entire east dump pit, including walls. An >50 tanker was used during the clean up.

4/2/00--0922hrs- G. Jacobi O.S. reports Clean Harbors removed all sediment from the east, west, and north settling pits, as well as the north and south pump manholes. All structures were then doulbed washed using citrus cleaner.

Update - 4/2/00 - 1100 hrs - O. S. R. Walter reports that Chem Lab chemists took a total of 26 wipe samples from the 5' x 39' area in front of drying bin, and the east dumping pit. All surfaces were then protected with plastic or zone matting materials. Chem Lab chemist will return to sample east settling pit when soda blasting of pit is completed.

02-APRIL-2000 - 1207hrs - Chem lab sample results lab sequence # 00-03081

001-sample type - sludge- 3ppm east setting pit

002-sample type - sludge-34ppm- west settling pit

003-sample type- sludge-7ppm north settling pit

004-sample type- sludge- 47ppm south pump manhole

005-sample type- sludge--358ppm north pump manhole

006-sample type- water 1ppm frac tank

007-sampletype- solid bebris 4 ppm south holding area

008-sample type- water- 1ppm grey ferric tank north

009-sample type-water and silt -9ppm grey ferric tank south

Update: 04-02 00 1339hrs Hutchinson reports. clean harbors completed decontamination of their vactor. according to EPA standards. At this time they left Farrington St Yard.

Update - 4/3/00 - 0500hrs - O.S. R. Walter reports Envir Ops crew consisting of employees J. Buchler, A. Vallone, R. Lacasse, and P. Rosado completed soda blasting of all surfaces in the east settling pit. Two >50 tankers were used to remove wash water. Tanker 1 removed 2,870 gallons on manifest # NYE0669762- DOC # 98638, and Tanker 2 removed 180 gallons on manifest # NYE0669798- DOC # 96668. Chem Lab chemist N. Marzian then took 21 wipe samples from the inside of the east settling pit. Grading covers were then placed back on the structure, and the entire top area was protected with plastic. Astoria Transportation then picked up 4 barrels of PCB/LEAD solid waste on manifest # NYE0173531- DOC # 39718. The facility remains closed pending the wipe sample results.

Update - 4/3/00 - 0937hrs - Wipe sample results received from area in front of the drying bin. Lab sequence # 00-03122. All results are within acceptable limits.

F/O Drying Bin - Farrington Street Flush Pit

- 1- <1.00 ugs/100cm-2
- 2- <1.00 ugs/100cm-2
- 3- <1.00ugs/100cm-2
- 4- <1.00ugs/100cm-2
- 5- <1.00ugs/100cm-2
- 6- <1.00ugs/100cm-2
- 7- <1.00ugs/100cm-2

UPDATE: 4/3/00 15:15HRS

LAB SEQ# 00-03126 RESULTS:

ALL WIPE SAMPLES- ABOVE GROUND EAST #' S 1 THROUGH 19- ALL WIPES <1.00 UGS/100CM2

UPDATE: 4/3/2000 21:45HRS LAB SEQ# 00-03132 WIPES-BELOW GROUND EAST SETTLING PIT #' 1 THROUGH 21-ALL WIPES <1.00 UGS/100CM2

Update - 4/6/00 2100hrs - G. Jacobi os, env.ops reports Sam Arakam -DEC- met with B. Saladino, Ken Mason, Bob O'Kane at Farrington St. & requested new tarps be put on drying bin for solids & to also put tarps over mud after dumping is complete. Gave authorization to start dumping trucks but DEP has seal on sewer and CE is only authorized to sample & discharge to a frak tanker on site. Clean Harbors came in & picked up 1 vac box manifest # Mak260400 destination is Brain Tree, MA. Astoria > 50 tanker picked up 3750 gallons from frac tanker manifest #s are NYE0443871 & NYE0668844. Frac tanker is completely empty at this time. Astoria tanker removed 1600 gallons of liquid off of vac box & is waiting to be picked up by vendor. As requested by DEC #9 installed new curtains and tarps over drying bins to protect the solids from the rain.

Update - 4/8/00 1205hrs G.Jacobi, IS, Env. Ops reports HAZMAT ENV. GROUP removed s&d vac box manifest # mam516845 to be brought up to Clean Harbors in Brain Tree MA for disposal. The container # v2900. Clean Harbors picked up vac box iecb-2 to be brought to Brain Tree Ma for disposal manifest # mam 516837.

Map Identification Number 187

FARRINGTON ST/32ND ST

Spill Number: 9900087

Close Date: 01/08/2003

QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING

Approximate distance from property: 2244 feet to the NNW

ADDRESS CHANGE INFORMATION

Revised street: FARRINGTON ST / 32ND AVE

Revised zip code: 11354

Source of Spill: COMMERCIAL VEHICLE
 Notifier Type: Other
 Caller Name: RICHARD ROACH
 DEC Investigator: JHOCONNE

Spiller: DURANTE TRUCKING
 Notifier Name: MR PAVORELLI
 Caller Agency: CON EDISON
 Contact for more spill info: RICHARD ROACH

Spiller Phone:
 Notifier Phone:
 Caller Phone: (212) 580-6764
 Contact Person Phone: (212) 580-6764

Spill Class: KNOWN RELEASE THAT CREATES POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | | Penalty Recommended | |
|-------------------|---------------------|------------------|-------------------------|--------------------|---------------------|----------------------|
| 04/02/1999 | | UNKNOWN | NO | | NO | |
| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
| UNKNOWN PETROLEUM | PETROLEUM | 0 | GALLONS | 0 | GALLONS | SOIL |

Caller Remarks:

3RD PARTY CALL. 80 LBS OF CONTAMINATED SOIL FOUND UNDER A TRUCK. CON ED 124-018.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"
 DEC Inspector notes:

Following removal of Durante's equipment from Con Ed's side of the property, they found several areas of stained soil.

4/3/99: oil ID from soil samples = lube oil/light fuel oil. Also PCBs were non-detect.

4/6/99: visited site w/ Con Ed reps (Glenn Newell, Mariella Gonzalez, Greg Rucco and Bob Massoni). Requested they develop a work plan for clean up.

4/27/99: Bharat Mukhi (Con Ed Remediation) submits work plan for spot excavation.

5/5/99: verbal comments on work plan given to B. Mukhi.

5/20/99: on-site to inspect soil removal activities. There had been heavy rain the night before, and puddles covered soil removal

areas, so direct observation could not be made. However, there was no sheen on the puddles. Requested visual obs./jar tests to confirm clean up, as well as soil samples (VOCs and SVOCs).

6/2/99: Soil samples submitted for BN analysis. No exceedences of STARS.

6/14/99: Additional samples analyzed for volatiles via EPA 6010 and SVOCs via EPA 8270C.

1/8/03 O'Connell reviewed file. Spill was cleaned up satisfactorily.

Con Ed e2mis #124018:

4/2/99-14:00HRS-G. RUCCO-80852-M.S-MAINTENANCE SERVICES- FOUND UNKNOWN SPILL IN SOIL FROM A THIRD PARTY TRUCK IN FARRINGTON

ST LOT-LOCATED AT FARRINGTON ST AND 32 AVE. A CON ED FACILITY- MR. RUCCO EXPLAINED THAT THIS IS OUR LOT AND PART OF THIS LOT

IS SHARED BY DURANTE COMPANY TRUCKS- THIS PARTICULAR TRUCK HAS BEEN PARKING AT THIS LOCATION FOR SOME TIME AND IT WAS FINALLY REMOVED UPON REQUEST OF CON ED. AFTER TRUCK WAS REMOVED, HE FOUND SOIL DISCOLORED WITH AN UNKNOWN SPILL. HE COMMENCED CLEANUP-HE DUG INTO SOIL APPROX 1 INCH AND FOUND SOIL CLEAN BUT CONTINUED TO DIG AND STATED REMOVED APPROX 4" IN TOTAL OF SOIL-BAGGED APPROX 80 LBS OF IT. CALLED CHEMLAB TO LOCATION TO TAKE SAMPLE OF SOIL FOR AN OIL I/D AND PCB COUNT AND WILL WAIT FOR SAMPLE RESULTS TO BE RETURNED BEFORE DISPOSING OF BAGGED SOIL. THIS WAS ALL CONTAINED TO AREA-NO WATER INVOLVED-NO SEWERS OR WATERWAYS AFFECTED. MR. RUCCO WILL PLACE CONES AND CORDON AREA TO MAKE SAFE EVEN THOUGH CLEANUP COMPLETED. NOTIFIED CIG R. ROACH @ 15:04HRS

UPDATE

4/2/99-ERT STAN PISZCZATOWSKI CALLED AND STATED THAT DEC WANTED TO VISIT SITE. I CALLED MR. RUCCO AND HE WILL STAY TO WAIT FOR DEC TO ARRIVE.

UPDATE

MR RUCCO CALLED AND STATED THAT DEC WAS NOT GOING THERE TONIGHT BUT HAD CALLED HIS ENV MGR GLEN NEWELL- 71634-TO INFORM HIM THAT DEC WAS GOING TO LOCATION. WHEN MR NEWELL ARRIVED, THEY BOTH WALKED AROUND THE AREA AND FOUND 2 MORE LOCATIONS OF DISCLORED SOIL APPROX 20 YARDS N/O ORIGINAL AREA. ONE OF THESE 2 NEW LOCATIONS HAD FREE STANDING, UNKNOWN OIL, APPROX 3-4 OZ. ON A 1" X 1" AREA. CALLED ERT STAN P. TO ASK IF EACH AREA SHOULD BE A NEW INCIDENT. HE STATED TO JUST UPDATE ORIGINAL AND INFORM CIG OF UPDATE. MR. RUCCO AND MR NEWELL CORDONED OFF BOTH AREAS SEPERATELY AND CALLED CHEMLAB TO COME BACK AND TAKE MORE SAMPLES. THEY WILL MARK SAMPLES AND AREAS SO THAT SAMPLE RESULTS CAN BE DIFFERENTIATED. THEY ALSO STATED THAT AFTER SAMPLES ARE TAKEN, THEY WILL TRY TO COVER AREAS WITH TARPS. UPDATED CIG J DEVOTI @ 18:02HRS.

UPDATE - 4-5-99 LAB SEQ# 99-03413 <1.0PPM.

UPDATE - 5/5/99 - GLEN NEWELL REPORTS (VIA VOICE MAIL) THAT INCIDENT IS STILL NOT RESOLVED. INCIDENT IS WITH CENTRAL ENVIRONMENTAL WAITING FOR APPROVAL FROM DEC ON SCOPE OF WORK.

UPDATE

5/25/99 02:45HRS-LAB SEQ 99-05204 ROLLOFF CONTAINER # WS286- RESULTS <1.00PPM

update - 7/15/99 - 1000hrs - Glen Newell informed Environmental Operations that clean up at this location was completed on 5/27/99.

UPDATE - 7/15/99 - NO LEAKING COMPANY EQUIPMENT, INCIDENT IS CLOSED

Map Identification Number 188 **FARRINGTON ST FLUSH FACILITY**
FARRINGTON ST/32ND AVE

Spill Number: 9606861
FLUSHING, QUEENS, NY NO ZIP PROVIDED

Close Date: 02/09/2005

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 2244 feet to the NNW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
Revised zip code: UNKNOWN

Source of Spill: COMMERCIAL/INDUSTRIAL Spiller: Spiller Phone:
 Notifier Type: Responsible Party Notifier Name: WICKLUND,ANITA Notifier Phone: (718) 830-8679
 Caller Name: MCHUGH,PAT Caller Agency: CON ED Caller Phone: (212) 580-6763
 DEC Investigator: JHOCONNE Contact for more spill info: ANITA WICKLUND Contact Person Phone: (718) 830-8679

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | | Penalty Recommended | |
|-------------------|---------------------|------------------|-------------------------|--------------------|---------------------|----------------------|
| 08/28/1996 | | OTHER | NO | | NO | |
| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
| UNKNOWN PETROLEUM | PETROLEUM | 0 | GALLONS | 0 | GALLONS | SEWER |

Caller Remarks: flush truck dumped its material into a flush pit - it was unk to the driver that there was a quantity of oil and water mix in the truck - some of the material was recovered but some of it was lost in the sewer system as the pit was drained

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"

2/9/05: Con Ed inspected facility: "Site visit was performed to confirm cleanup - Found no evidence of oil." Close out. (JHO)

Map Identification Number 189 **MANHOLE #1476** **Spill Number: 0207089** **Close Date: 01/22/2003**
 PARSON BLVD & 33RD AVE QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 2285 feet to the NNE

ADDRESS CHANGE INFORMATION

Revised street: PARSONS BLVD / 33RD AVE
 Revised zip code: NO CHANGE

Source of Spill: UNKNOWN Spiller: UNKNOWN Spiller Phone:
 Notifier Type: Affected Persons Notifier Name: Notifier Phone:
 Caller Name: Caller Agency: Caller Phone:
 DEC Investigator: KMFOLEY Contact for more spill info: ANDREW MORRIS Contact Person Phone: (212) 580-6763

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | | Penalty Recommended | |
|------------|---------------------|----------------|-------------------------|--|---------------------|--|
| 10/08/2002 | | UNKNOWN | NO | | NO | |

| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
|-------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN PETROLEUM | PETROLEUM | 1.00 | GALLONS | 0.00 | GALLONS | SOIL |

Caller Remarks:

on 10 gals of water - was to be cleaned up in 24 hours but found earthen sump

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "FOLEY"
 Con Ed e2mis #145481:

10/8/02 16:35 HRS.

R. SAVINO #11348 OF QUEENS CABLE REPORTS WHILE ON LOCATION TO PULL CABLE FOR FEEDER 7Q66 AT 16:30 HRS. FOUND APPROX. 3 QTS.

UNKNOWN OIL ON APPROX. 10 GAL. WATER IN MH-1476. SPILL APPEARS TO BE CONTAINED. NO SEWERS OR WATERWAYS APPEAR TO BE AFFECTED. NO PRIVATE PROPERTY AFFECTED. NO FIRE OR SMOKE. ENV. STOP TAG #32505 PLACED. LIQUID SAMPLE TAKEN ON "E" PRIORITY TURNAROUND. CHAIN OF CUSTODY FORM # CC-02344. D.E.C. 24-HOUR DEMINIMIS PROGRAM. CLEANUP PENDING PCB RESULTS FROM CHEM LAB.

10/08/02 16:49 HRS. -- NOTIFIED S. McKEEVER OF CIG.

10/08/02=2230HRS LAB RESULTS RETURNED 12PPM LSN09463

10/09/02 09:53 HRS. -- M. KNOX OF QUEENS ENV. OPS. REPORTS FOUND EARTHEN SUMP. CLEANUP IS IN PROGRESS. REMOVED JOB FROM 24 HOUR DEMINIMIS PROGRAM.

UPDATE: 10/9/02 - 1045

M. KNOX - ENV. OPS., REPORTS CLEANUP COMPLETED BY DOUBLE WASHING STRUCTURE WITH 10 GALS OF BIO GEN 760. WASTE PRODUCT REMOVED BY VACTOR. CEMENTED SUMP. TAG # 32505 REMOVED. TJ - 50495

Map Identification Number 190 **MANHOLE 1462**
 32ND AV/LEAVITT AV

Spill Number: 0106775 **Close Date: 11/23/2001**
 QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 2313 feet to the N

ADDRESS CHANGE INFORMATION
 Revised street: 32ND AV/LEAVITT ST
 Revised zip code: NO CHANGE

Source of Spill: UNKNOWN
 Notifier Type: Other
 Caller Name:
 DEC Investigator: JHOCONNE

Spiller: UNKNOWN
 Notifier Name:
 Caller Agency:
 Contact for more spill info: SEAN MCKEEVER

Spiller Phone:
 Notifier Phone:
 Caller Phone:
 Contact Person Phone: (212) 580-6763

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | | Penalty Recommended | |
|------------|---------------------|----------------|-------------------------|--|---------------------|--|
| 09/28/2001 | | UNKNOWN | NO | | NO | |

| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
|-------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN PETROLEUM | PETROLEUM | 1.00 | GALLONS | 0.00 | GALLONS | SOIL |

Caller Remarks:
 1 qt unk oil on 75 gals in manhole - conm ed 139604 - clean up in progress

DEC Investigator Remarks:
 Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"
 e2mis notes:
 Approx 1 qt of unknown oil on approx 75 gals water in manhole.PCB sample taken.

9/29/01, 0310 hrs: lab results 43 ppm PCB. Earthen sump found in structure.

9/29/01, 1100 hrs: Clean up complete. Sealed sump.

(JHO)

Map Identification Number 191 **MANHOLE 397**
 34TH AV & COLLEGEPOINT BL

Spill Number: 9911319 **Close Date: 03/28/2002**
 QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 2351 feet to the WNW

ADDRESS CHANGE INFORMATION
 Revised street: 34TH AV / COLLEGE POINT BLVD
 Revised zip code: 11354

| | | |
|---------------------------------|------------------------------|------------------------------|
| Source of Spill: UNKNOWN | Spiller: UNKNOWN | Spiller Phone: |
| Notifier Type: Affected Persons | Notifier Name: MR PACE | Notifier Phone: () - |
| Caller Name: STEVE ROMERO | Caller Agency: CON EDISON | Caller Phone: (212) 580-6763 |
| DEC Investigator: COMENALE | Contact for more spill info: | Contact Person Phone: |

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | | Penalty Recommended | |
|------------|---------------------|----------------|-------------------------|--|---------------------|--|
| 12/27/1999 | | UNKNOWN | NO | | NO | |

| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
|-------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN PETROLEUM | PETROLEUM | 1.00 | GALLONS | 0.00 | GALLONS | SOIL |

Caller Remarks:
 1 QUART OF UNK OIL ON 500 GALLONS OF WATER - CLEAN UP PENDING LAB RESULTS - REF #129405

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 192 **MANHOLE 397**
 34TH AVE / COLLEGE PT BLV

Spill Number: 0107376 **Close Date: 12/28/2001**
 QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 2351 feet to the WNW

ADDRESS CHANGE INFORMATION
 Revised street: 34TH AVE / COLLEGE POINT BLVD
 Revised zip code: 11354

| | | |
|---------------------------------|------------------------------|-----------------------|
| Source of Spill: UNKNOWN | Spiller: UNKNOWN | Spiller Phone: |
| Notifier Type: Affected Persons | Notifier Name: | Notifier Phone: |
| Caller Name: | Caller Agency: | Caller Phone: |
| DEC Investigator: AERODRIG | Contact for more spill info: | Contact Person Phone: |

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | | Penalty Recommended | | |
|-------------------|---------------------|------------------|-------------------------|--------------------|---------------------|----------------------|--|
| 10/17/2001 | | UNKNOWN | NO | | NO | | |
| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected | |
| UNKNOWN PETROLEUM | PETROLEUM | 1.00 | GALLONS | 0.00 | GALLONS | SOIL | |

Caller Remarks:

1PINT UNK OIL IN MANHOLE - CASE 139814 - CONTAINED

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "RODRIGUEZ"
E2MIS notes:

10/17/2001 0120 hrs. 1 pint of unknown oil on 1000 gallons water. It appears to be contained to structure at this time. This is on feeder 7q62. Took sample on a 4 to 6 hours tunraround.

8:40 am. arochlor 1260 <1.00 ppm.

20:00 Env. Ops. reports that <1.00 ppm cleanup completed by double washing the structure with slix. Liquid waste was removed by tanker. Solids waste removed by Vactor. Sump found cemented. Tag remains pending joint replacement.

10/18/01 0225 hrs: splicing completed.

Map Identification Number 193 **MANHOLE #13779**
N/S ROOSEVELT AV & 147TH

Spill Number: 0306082
QUEENS, NY NO ZIP PROVIDED

Close Date: 10/15/2003

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 2355 feet to the E

ADDRESS CHANGE INFORMATION
Revised street: ROOSEVELT AVE / 147TH ST
Revised zip code: NO CHANGE

| | | |
|---------------------------------|--|--------------------------------------|
| Source of Spill: UNKNOWN | Spiller: UNKNOWN | Spiller Phone: |
| Notifier Type: Affected Persons | Notifier Name: | Notifier Phone: |
| Caller Name: | Caller Agency: | Caller Phone: |
| DEC Investigator: SKARAKHA | Contact for more spill info: LARRY COSTA | Contact Person Phone: (212) 580-6763 |

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | | Penalty Recommended | |
|------------|---------------------|----------------|-------------------------|--|---------------------|--|
| 09/08/2003 | | UNKNOWN | NO | | NO | |

| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
|-------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN PETROLEUM | PETROLEUM | 1.00 | GALLONS | 0.00 | GALLONS | SOIL |

Caller Remarks:

1 quart on 700 gallons of water - under the 24 hour rule - con ed #150234 - clean up not done - veh parked over the hole

DEC Investigator Remarks:

E2MIS 150234

08-SEP-2003 0945HRS LISTL # 09450 REPORTS FOUND QT UNKNOWN OIL ON 800 GALLONS WATER IN M- 13779. NO FIRE OR SMOKE. NO PRIVATE PROPERTY AFFECTED. NO INJURIES. NO SEWERS OR WATERWAYS APPEAR TO BE AFFECTED. IT APPEARS TO BE CONTAINED TO STRUCTURE.

TOOK SAMPLE ON A TO 6 HR PRIORITY E TURN AROUND. CLEAN UP PENDING RESULTS. PLACED ENVIROMENTAL STOP TAG # 2779. NO VISUAL WATER MOVEMENTS. NO CRACKS IN STRUCTURE WALLS. CHAIN OF CUSTODY # IS AA0192. THIS WILL BE ON THE COMPANYS HOUR

LAB RESULT RECEIVED 9/8/03 - 1728. 03-07435. <.0 PPM. TJ - 50495

9/9/03 01:30 HRS. -- AS PER QUEENS ENV. OPS. O.S. B. BAMONTE, ENV. OPS. CREW REPORTS THEY CANNOT OBTAIN ACCESS TO CLEAN STRUCTURE DUE TO CAR PARKED OVER MANHOLE. WILL ATTEMPT AGAIN ON DAY SHIFT. -- W.W. #17344 --

9/9/03 06:15 HRS. -- AS PER QUEENS ENV. OPS. O.S. G. JACOBI, REMOVED INCIDENT FROM -HOUR DEMINIMIS PROGRAM DUE TO NO ACCESS

AM CREW COULD COMPLETE THE CLEANUP.

9/9/03 06: HRS. -- NOTIFIED L. COSTA OF C.I.G. -- W.W. #17344 --

UPDATE: 0-SEP-2003 19:35 HRS.

ENVIRONMENTAL OPERATIONS OPER. SUPV. B.BELMONTE EMP# 16614 REPORTS: WHILE PERFORMING CLEANUP FOUND AN EARTHEN SUMP IN STRUCTURE. HOGANC 07511

UPDATE - 10-SEP-2003 20:13 HRS.

ENVIR. FLUSH DEPT. MECH-A. G.CASTRO EMP# 46397 REPORTS:

STRUCTURE DBL. WASHED WITH BIO-GEN 760. ENVIR. TAG# 27792 REMOVED. EARTHEN SUMP FOUND AND REPORTED EARLIER HAS BEEN CEMENTED. CLEANUP COMPLETE. 100%

Map Identification Number 194 **FLUSHING BAY**
UNION ST / 32ND AVE

Spill Number: 9912898 **Close Date: 03/08/2000**
FLUSHING, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 2392 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL
Notifier Type: Responsible Party
Caller Name:
DEC Investigator: SACCACIO

Spiller: CALLER - NYC DEP
Notifier Name:
Caller Agency:
Contact for more spill info: CALLER

Spiller Phone:
Notifier Phone:
Caller Phone:
Contact Person Phone:

Spill Class: POSSIBLE REL WITH MIN POTENTIAL FOR FIRE OR HAZARD (OR KNOWN REL W/ NO DAMAGE);NO DEC RESP;WILLING RP;CORR ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | | Penalty Recommended | |
|------------------|---------------------|------------------|-------------------------|--------------------|---------------------|----------------------|
| 02/12/2000 | | UNKNOWN | NO | | NO | |
| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
| RAW SEWAGE | OTHER | 0 | GALLONS | 0 | GALLONS | SURFACE WATER |

Caller Remarks:

caller reporting an on going spill of raw sewage no clean up as of yet no callback necessary spill possibly due to a closed gauge

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 195 **INTERSECTION -NYCT** **Spill Number: 0403969** **Close Date: 02/25/2005**
 SANFORD AV/COLLEGE POINT QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
 Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 2397 feet to the SSW

ADDRESS CHANGE INFORMATION
 Revised street: SNAFORD AVE / COLLEGE POINT BLVD
 Revised zip code: 11355

| | | |
|---------------------------|------------------------------|-----------------------|
| Source of Spill: UNKNOWN | Spiller: UNKNOWN | Spiller Phone: |
| Notifier Type: Other | Notifier Name: | Notifier Phone: |
| Caller Name: | Caller Agency: | Caller Phone: |
| DEC Investigator: MCTIBBE | Contact for more spill info: | Contact Person Phone: |

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;NO CORRECTIVE ACTION REQUIRED

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 07/14/2004 | | UNKNOWN | NO | NO |

| Material Spilled | Material Class | Quantity Spilled | | Quantity Recovered | | Resource(s) Affected |
|------------------|----------------|------------------|--------|--------------------|--------|----------------------|
| | | Units | | Units | | |
| MOTOR OIL | PETROLEUM | 0 | POUNDS | 0 | POUNDS | SOIL |

Caller Remarks:

Caller reports an oil spill in the roadway about 100 feet long. No cleanup company has been contacted as of yet. Intersection of Sanford Av. and College Point Blvd. 0709-Caller recalled and stated spill came from an unknown contractors truck that is working in the area. Speedy dry is being applied by the contractor.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "SANGESLAND"

02/25/05: As per two e-mails (10/13/04 & 2/22/05), NYCT OSS and DOB hace no information pertaining to this spill.

Map Identification Number 196 **8043 MANHOLE**
 STANFORD AVE/COLLEGE POIN

Spill Number: 0310089 **Close Date: 06/29/2005**
 QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 2397 feet to the SSW

ADDRESS CHANGE INFORMATION
 Revised street: SANFORD AVE / COLLEGE POINT BLVD
 Revised zip code: NO CHANGE

| | | |
|----------------------------|--|--------------------------------------|
| Source of Spill: UNKNOWN | Spiller: UNKNOWN | Spiller Phone: |
| Notifier Type: Other | Notifier Name: | Notifier Phone: |
| Caller Name: | Caller Agency: | Caller Phone: |
| DEC Investigator: JHOCONNE | Contact for more spill info: RON ELLIOTT | Contact Person Phone: (212) 580-6763 |

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 11/26/2003 | | UNKNOWN | NO | NO |

| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN MATERIAL | OTHER | 2.00 | GALLONS | 0.00 | GALLONS | SOIL |

Caller Remarks:

SAMPLE TAKEN

CLEAN UP PENDING REMOVAL OF CAR BLOCKING HOLE

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "RODRIGUEZ"
 e2mis no. 151-287:

APPROX 2 GALLONS OF AN UNKNOWN OIL ON 1200 GALLONS OF STANDING WATER IN MH-8043. LIQUID SAMPLE TAKEN.

UPDATE 1557 HRS 11/26 LAB RESULTS RECEIVED SEQ #03-09550-001 @ 27PPM.

UPDATE 09:30HRS G. JACOBI REPORTS, CREW FOUND A LEAKING JOINT IN STRUCTURE. A CALL WENT OUT TO #9 TO INSPECT FOR DEFAULT.

UPDATE 13:00HRS T. VOLLONE (ENV OPS) REPORTS, DOUBLE WASHED STRUCTURE FROM TOP OF HOLE USING 10 GALLONS OF 760 BIO GEN. FOUND SUMP SEALED AND TAG LEFT IN PLACE. A LEAKING FEEDER WAS DETERMINED BY #9 SUPERVISOR, AND A #9 CREW WILL BE GOING TO LOCATION TO DEFAULT THE HOLE.

UPDATE 13:55 HRS #9 VERIFIED D-FAULT. WILL NOT BE REPAIRED UNTIL FEEDER COMES OUT.

4-28-04 06:00hrs feeder out of service, fod to mark phases per feeder rep, o.k to clean in the a.m.

UPDATE: 28-APR-2004 1355HRS M KNOX REPORTS DOUBLE WASHED STRUCTURE. WITH BIO GEN 760. REMOVED ALL LIQUIDS FOUND NO EATHERN SUMP IT WAS CEMENTED. ENVIROMENTAL TAG LEFT IN PLACE PENDING FEEDER RESTORATION.

UPDATE: 28-APR-2004 1832 HRS PIROPATO SPLICER UG REPORTS REMOVED TAG # 23559 FROM STRUCTURE . JOB COMPLETE 100%

Map Identification Number 197 **CARLISLE TOWERS**
43-32 KISSENA BLVD

Spill Number: 9614948 **Close Date: 09/14/1998**
QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 2416 feet to the SSE

ADDRESS CHANGE INFORMATION
Revised street: 4332 KISSENA BLVD
Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING
Notifier Type: Responsible Party
Caller Name: DAN UNWIN
DEC Investigator: SIGONA

Spiller: RENEE MOREL - CARLISLE TOWERS
Notifier Name: DAN UNWIN
Caller Agency: PETRO-CHEM TANK TESTING
Contact for more spill info: RENEE MOREL

Spiller Phone: (718) 762-2320
Notifier Phone: (518) 497-3261
Caller Phone: () 497-3261
Contact Person Phone: (718) 762-2320

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | PBS # Involved | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|----------------|-------------------------|---------------------|
| 03/27/1997 | | OTHER | 2-294233 | YES | NO |

| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| #6 FUEL OIL | PETROLEUM | 0 | GALLONS | 0 | GALLONS | SOIL |

Caller Remarks: system failure will excavate and will be back april 1st to do tank test pbs#2-294233

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 198 **FARRENTON ST/DURANTE PROP**
 31 DRIVE & 32ND AVE

Spill Number: 9909358 **Close Date: 05/08/2000**
 QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 2420 feet to the NNW

ADDRESS CHANGE INFORMATION

Revised street: FARRENTON ST/31ST DRIVE/32ND AVE
 Revised zip code: UNKNOWN

Source of Spill: UNKNOWN
 Notifier Type: Other
 Caller Name: MARK SCHALGEL
 DEC Investigator: JHOCONNE

Spiller: UNK - UNK
 Notifier Name: MR POVERELLI
 Caller Agency: CON ED
 Contact for more spill info:

Spiller Phone:
 Notifier Phone: () -
 Caller Phone: (212) 580-6763
 Contact Person Phone:

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | | Penalty Recommended | |
|------------|---------------------|----------------|-------------------------|--|---------------------|--|
| 11/01/1999 | | UNKNOWN | NO | | NO | |

| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| DIESEL | PETROLEUM | 8.00 | GALLONS | 0.00 | GALLONS | SOIL |

Caller Remarks:

3rd party spill of 8 gal of material in an 8 by 8 area no clean up as of yet no callback necessary con ed#128796

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"
 Soil excavated - post-ex samples collected and analyzed for VOCs and SVOCs. VOC results good (ND), SVOCs slightly elevated due to contaminated backfill not related to this spill.

Map Identification Number 199 **MANHOLE # 15583**
 4233 COLLEGE POINT BL

Spill Number: 0002276 **Close Date: 09/24/2001**
 QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 2421 feet to the SSW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: UNKNOWN
 Notifier Type: Affected Persons
 Caller Name:
 DEC Investigator: JHOCONNE

Spiller: UNKNOWN
 Notifier Name:
 Caller Agency:
 Contact for more spill info: BRIAN JOYCE

Spiller Phone:
 Notifier Phone:
 Caller Phone:
 Contact Person Phone: (212) 580-6763

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | | Penalty Recommended | |
|-------------------|---------------------|------------------|-------------------------|--------------------|---------------------|----------------------|
| 05/23/2000 | | UNKNOWN | NO | | NO | |
| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
| UNKNOWN PETROLEUM | PETROLEUM | 1.00 | GALLONS | 0.00 | GALLONS | SOIL |

Caller Remarks:

ABOVE MATERIAL DISCOVERED AT ABOVE LOCAITON. MATERIAL ON TOP OF 400 GALLONS OF WATER. SAMPLE HAS BEEN TAKEN AND CLEANUP IS PENDING LAB RESULTS. CON ED #131547. NO CALL BACK REQUESTED.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL" Con Ed e2mis #131547:

5-23-00 8oz unknown oil-appears to be cooking grease-on 400gal water in manhole. Deli person at location states he sees occupants of the building pouring cooking grease into the structure. Sample has been taken. PCB count <1ppm. Cleanup completed by Env Ops. #9 cut feeder cable and removed debris. Sump is cemented.

Map Identification Number 200 **PALLMAN ISLAND - REG #54**
 DOWNING ST & 32ND AV

Spill Number: 0109389 **Close Date: 12/24/2001**
 QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 2439 feet to the NW

ADDRESS CHANGE INFORMATION
 Revised street: DOWNING ST / 32ND AV
 Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER
 Notifier Type: Responsible Party
 Caller Name:
 DEC Investigator: JMKRIMGO

Spiller: DEP
 Notifier Name:
 Caller Agency:
 Contact for more spill info:

Spiller Phone:
 Notifier Phone:
 Caller Phone:
 Contact Person Phone:

Spill Class: POSSIBLE RELEASE WITH MIN POTENTIAL FOR FIRE OR HAZARD (OR KNOWN REL W/ NO DAMAGE);NO DEC RESP;NO CORR ACTION REQUIRED

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | | Penalty Recommended | |
|------------------|---------------------|------------------|-------------------------|--------------------|---------------------|----------------------|
| 12/23/2001 | | OTHER | NO | | NO | |
| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
| RAW SEWAGE | OTHER | 0 | GALLONS | 0 | GALLONS | SURFACE WATER |

Caller Remarks:

there is a blockage - spill is on going - they have to flush the pipe out prior to the release being stopped

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "KRIMGOLD" REFERRED TO THE DIV. OF WATER. YK

Map Identification Number 201 **SEWER MAINT. STOREHOUSE DEP -DDC** **Spill Number: 9609182** **Close Date: 06/21/2001**
 133-25 32ND AVE QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION ADDRESS CHANGE INFORMATION
 Site location mapped by: ADDRESS MATCHING Revised street: 13325 32ND AVE
 Approximate distance from property: 2466 feet to the NW Revised zip code: UNKNOWN

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER Spiller: RICK NARSON - DEP SEWER MAINT Spiller Phone: (212) 736-4444
 Notifier Type: Responsible Party Notifier Name: BRIAN COSTELLO Notifier Phone: (516) 249-3150
 Caller Name: BRIAN COSTELLO Caller Agency: TYREE ENVIROMENTAL Caller Phone: (516) 249-3150
 DEC Investigator: ADZHITOM Contact for more spill info: RICK NARSON Contact Person Phone: (212) 736-4444

Spill Class: KNOWN RELEASE THAT CREATES POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;UNABLE/UNWILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | | Penalty Recommended | |
|------------------|---------------------|------------------|-------------------------|--------------------|---------------------|----------------------|
| 10/23/1996 | | UNKNOWN | NO | | NO | |
| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
| DIESEL | PETROLEUM | 0 | GALLONS | 0 | GALLONS | SOIL |
| GASOLINE | PETROLEUM | 0 | GALLONS | 0 | GALLONS | SOIL |

Caller Remarks: abandoned tanks removed, contaminated soil.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ZHITOMIRSKY"
 IT Corporation submitted a report dated April 20, 2001. The report stated that groundwater sampling in 02/2001 showed non detect. TCLP sampling in 01/2001 showed non detect for SVOC. Previous sampling showed non detect for VOCs. Historical soil data indicated that BN are likely attributed to the presence of fill material.

A closure letter was issued on 06/21/2001

Alex Zhitomirsky

Map Identification Number 202 **MOBIL** **Spill Number: 0308748** **Close Date: 11/17/2003**
 147-10 NORTHERN BLVD FLUSHING, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 2468 feet to the ENE

ADDRESS CHANGE INFORMATION

Revised street: 14710 NORTHERN BLVD
 Revised zip code: NO CHANGE

Source of Spill: GASOLINE STATION Spiller: Spiller Phone:
 Notifier Type: Other Notifier Name: Notifier Phone:
 Caller Name: Caller Agency: Caller Phone:
 DEC Investigator: SIGONA Contact for more spill info: MELISSA WINDSOR Contact Person Phone: (908) 474-3613

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | | Penalty Recommended | |
|------------|---------------------|----------------|-------------------------|--|---------------------|--|
| 11/17/2003 | | UNKNOWN | NO | | NO | |

| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN MATERIAL | OTHER | 0 | GALLONS | 0 | GALLONS | SOIL |

Caller Remarks:

monitoring well being installed in ref to 03-04906 - elevated levels on pid meter

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 203 **MANHOLE 2856**
 NORTHSIDE ROOSEVELT AVE

Spill Number: 9809461 **Close Date: 11/01/2002**
 QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
 Site location mapped by: MANUAL MAPPING (4)
 Approximate distance from property: 2471 feet to the WSW

ADDRESS CHANGE INFORMATION
 Revised street: ROOSEVELT AVE
 Revised zip code: NO CHANGE

| | | |
|--|---|--------------------------------------|
| Source of Spill: COMMERCIAL/INDUSTRIAL | Spiller: UNKNOWN | Spiller Phone: |
| Notifier Type: Affected Persons | Notifier Name: MR NEVILLE | Notifier Phone: (718) 246-6610 |
| Caller Name: STEVE ROMERO | Caller Agency: CON EDISON | Caller Phone: (212) 580-6763 |
| DEC Investigator: CAENGELH | Contact for more spill info: STEVE ROMERO | Contact Person Phone: (212) 580-6763 |

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 10/28/1998 | | UNKNOWN | NO | NO |

| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
|-------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN PETROLEUM | PETROLEUM | 1.00 | GALLONS | 0.00 | GALLONS | GROUNDWATER |

Caller Remarks: BETTER LOCATION 700 FEET WEST OF JANET PLACE - INSIDE LOT REAR OF BUILDING - 1 GALLON OF OIL ON 500 GALLONS OF WATER REFERENCE 120887

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ENGELHARDT"
 Con Ed e2mis 120-887:

10/28/98 10:37 C. SCHILLING #38938 I&A REPORTS HE FOUND 1 GAL UNKNOWN OIL ON 500 GAL WATER IN MH 2856. STOP TAG PLACED # 16074 AND SAMPLE TAKEN WITH 4-6 HR PRIORITY. CONTAINED, NO SEWERS OR WATERWAYS AFFECTED.

CIG - S. ROMERO TOOK REPORT AT 12:09.

10-28-98 - 2025 HRS - CHEM LAB RESULTS - # 98-11729

PCB 16 PPM.

14:00HRS CLEANUP COMPLETED WITH SLIX & TAG STILL IN PLACE WAITING FOR #9 TO CAP ENDS.

11-8-98 E.S.TAG #16074 WAS SUCKED UP BY VACATOR. JOB IS INCOMPLETE DUE TO UNCAP CABLE ENDS. PLACE NEW E.S.TAG #20439.

08-NOV-1998 13:30 VELEZ FLUSH DEPT REPORTS CLEANUP COMPLETE & STOP TAG #16074 WAS REMOVED.

11/8/98 ENVIR OPS SUPERVISOR R. SALADINO REPORTS # 9 CAPPED OPEN ENDS.

Map Identification Number 204 **140-35 BEECH AVE**
 140-35 BEECH AVE

Spill Number: 9203189 **Close Date: 06/18/1992**
 FLUSHING, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
 Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 2476 feet to the SE

ADDRESS CHANGE INFORMATION
 Revised street: 14035 BEECH AVE
 Revised zip code: NO CHANGE

| | | |
|----------------------------|------------------------------|------------------------------|
| Source of Spill: UNKNOWN | Spiller: | Spiller Phone: |
| Notifier Type: Citizen | Notifier Name: | Notifier Phone: |
| Caller Name: NINA AZRIEL | Caller Agency: | Caller Phone: (718) 358-5699 |
| DEC Investigator: SULLIVAN | Contact for more spill info: | Contact Person Phone: |

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 06/14/1992 | 06/18/1992 | UNKNOWN | UNKNOWN | NO |

| Material Spilled | Material Class | Quantity Spilled | | Quantity Recovered | | Resource(s) Affected |
|-------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| | | Units | | Units | | |
| UNKNOWN PETROLEUM | PETROLEUM | -1.00 | UNKNOWN | 0.00 | UNKNOWN | SOIL |

Caller Remarks:

DARK OIL ENTERING APT THROUGH WATER SYSTEM INTO SINK BATH & TOILET

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 205 FARRINGTON ST FLUSH PIT
 31-43 FARRINGTON ST

Spill Number: 0404707 Close Date: 08/09/2004
 QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 2507 feet to the NNW

ADDRESS CHANGE INFORMATION
 Revised street: 3143 FARRINGTON ST
 Revised zip code: NO CHANGE

| | | |
|----------------------------|---------------------------------------|--------------------------------------|
| Source of Spill: UNKNOWN | Spiller: ERT DESK - CON ED | Spiller Phone: (212) 580-8383 |
| Notifier Type: Other | Notifier Name: | Notifier Phone: |
| Caller Name: | Caller Agency: | Caller Phone: |
| DEC Investigator: JHOCONNE | Contact for more spill info: ERT DESK | Contact Person Phone: (212) 580-8383 |

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | | Penalty Recommended | |
|------------|---------------------|----------------|-------------------------|--|---------------------|--|
| 07/30/2004 | | UNKNOWN | NO | | NO | |

| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
|------------------|----------------|------------------|--------|--------------------|--------|----------------------|
| DEBRIS | OTHER | 0 | POUNDS | 0 | POUNDS | SOIL |

Caller Remarks:

they took a sample of the sludge in the drying bin andit came up as .the pcb count in the sludge was 1490 ppm

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"
 7/30/04, 5:50 PM e-mail from Ed Radtke:

"Sam/Jane,

Keith and I called you on Friday, we had manhole debris dumped at the Farrington St. Flush Facility that contained higher than 50 ppm PCB. The following are the sample results from various areas of the facility:

South Drying Bin----soil composite----- 1490 ppm

East Basin----sludge grab----- 108 ppm

West Basin----sludge grab----- 333 ppm

North Basin----sludge grab----- 10 ppm

Pump M/H North----sludge grab----- 14 ppm

Pump M/H South----sludge grab----- 6 ppm

North Settling Basin----water grab----- <1.0 ppm

Pump M/H South----water grab----- < 1.0 ppm

Flocculation Tank----sludge grab----- 2 ppm

Flocculation Tank----oil grab----- 658 ppm

The attached ETL report indicates that the PCB concentration in the Farrington Street discharge manhole the sewer was non detect for all aroclors (less than 6 ppt). The decontamination plan will be sent separately. Clean up has started."

7/30/04, 6:04 PM e-mail from Ed Radtke:

"Jane/Sam, below is the decontamination plan Farrington st. The DEC spill hot line has been notified and an E2mis report has been filled out. Jane, I will contact you Monday to discuss.

> The following is the plan for the Farrington Street Flush Truck Facility. This plan has been reviewed with and approved by Dan Kraft - USEPA.

> Flocculation Tank (aka - waste waster mixing tank)

> 1. Remove all liquids - Corp. Tanker. (in progress)

> 2. Remove all sediment - Clean Venture

> 3. Triple wash using BG-SOL 760 - Clean Venture

> Off-loading, Settling pits and Drying bin

> 1. Remove all solids from the south drying bin and east and west pits - Clean Ventures

> 2. Remove sediment from settling pits - Clean Ventures

> 3. Double wash all areas with BG-SOL 760 - Clean Ventures/Con Edison

> 4. Soda-blast west off-loading pit and south drying bin

> 5. Wipe sample west off-loading pit, south drying bin and west setting pits.

> In addition to the above, the sand filter and carbon filters will be back-washed."

8/2/04, 10:05 AM e-mail from Ed Radtke:

"Clean-up Status as of 8/1/04 @ 09:30:

> Settling Pits

> * All sediment removed - Clean Venture

> * Setting pits doubled washed with BG-SOL 760 - Clean Venture

> * Out-flow from west pit plugged to prevent cross contamination. Plug will be removed when clean-up completed.

> * Wash water being removed from west pit - Corp Tanker

> Off-Loading Pit

> * West off-loading pit soda-blasted

> * Sampling points marked

> * Chem. Lab on location taking wipe samples

> Other

> * Carbon filters back-washed (2X)

> * Sand filter back-washed with BG-SOL 760.

> * Inspection of flocculation tank revealed a 4" x 6" area where interior epoxy coating chipped off (mixing chamber). Steel appears OK. Epoxy repair made by B/Q Env. Ops.

> * B/Q Env. Ops planning to power-wash/soda-blast south drying bin, east and west setting pits and "apron" in front of south drying bin. This may be delayed due to heavy rain.

> Note: Clean Venture completed work and off site 7/31/04 at 16:30."

8/3/04: Spoke with Bob O'Kane (B/Q EHS) - wipe sample results for 19 samples taken in off-loading pit came back less than 1 ug/100 cm². (JHO)

8/4/04: message from Bob O'Kane that wipe samples from drying bin and apron all <1 ug/100 cm². Also spoke with Ed Radtke - they plan to re-open the Flush Pit today. They are still investigating possible sources of high PCBs. (JHO)

8/9/04: Spoke to Ed Radtke and was informed that the Farrington St Flush Facility was reopened on 8/4/04 and is operating normally.

Map Identification Number 206 **FARRINGTON ST FLUSH PIT** **Spill Number: 0401646** **Close Date: 05/26/2004**
 3143 FARRINGTON ST QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 2507 feet to the NNW

ADDRESS CHANGE INFORMATION
 Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL VEHICLE Spiller: ERT DESK - CON ED Spiller Phone: (212) 580-8383
 Notifier Type: Responsible Party Notifier Name: Notifier Phone:
 Caller Name: Caller Agency: Caller Phone:
 DEC Investigator: JHOCONNE Contact for more spill info: ERT DESK Contact Person Phone: (212) 580-8383

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 05/15/2003 | | UNKNOWN | NO | NO |

| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
|-------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN PETROLEUM | PETROLEUM | 4.00 | GALLONS | 0.00 | GALLONS | SOIL |

Caller Remarks:

4 gallons of a black unknown oil substance out of a con edison dump truck. cleanup is pending sample results. vehicl # 60724

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"
 e2mis no. 153405:

WHILE CREW WERE IN THE PROCESS OF DUMPING VEHICLE #60724

APPROX 4-GALLONS OF BLACK UNKNOWN LIQUID SUBSTANCE COMING OUT FROM DEBRIS (BODY OF VEHICLE) ONTO CONCRETE FLOOR. BUILT A BERM WITH SAND BAGS TO CONTAIN SUBSTANCE. AREA CORDONED OFF. SHUT DOWN WASTE WATER TREATMENT FACILITY AS A PRECAUTION. OIL OBSORB AND SAND WILL BE USED FOR 50-499 CLEANUP. 1-SAMPLE WILL BE TAKEN TO ASTORIA CHEM LAB FOR OIL ID & PCB. VEHICLE WILL BE QUARANTINED AT YARD PENDING RETURN OF SAMPLES.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"

Con Ed e2mis Notes:

7/18/00 While dumping truck #60443, flush dept noticed 3gal dark oily substance flowing out of rear to the east pit. The system was in the off position, so no water was discharged to city sewer system. Oil appears to be contained to the east dump pit and settling pit. One sample to be taken on emergency turnaround and analyzed for PCB and ID. PCB result returned 30ppm. Will begin cleanup with <50 tanker. Oil ID indicates a mixture of heavy fuel oil and lubricating oil. Wastewater discharge has been disconnected from city sewer and routed to frac tank until furthur notice. Also one wastewater sample was taken of effluent to be analyzed for PCB and returned non-detect.

All solid debris from inside vactor 60443 was removed and placed into 4 drums and will be picked up and manifested as lead hazardous waste by Corporate Transportation. All inside surfaces of vactor were double washed with biogen 760 and liquids were removed using an <50ppm tanker. The outside rear door and splash guard were also double washed on the vactor. East dump pit was double washed with biogen 760. All water was taken out of the east, west, and north settling pits using an <50ppm tanker.

Removed a total of 9000gal water from settlign pits. System back in operation but will continue to discharge into frac tank until approved by DEP to discharge to sewer.

Map Identification Number 208 **147-30 38TH AVE** **Spill Number: 0010418** **Close Date: 11/16/2004**
 147-30 38TH AVE QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 2509 feet to the ENE

ADDRESS CHANGE INFORMATION
 Revised street: 14730 38TH AVE
 Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER
 Notifier Type: Other
 Caller Name:
 DEC Investigator: MXTIPPLE

Spiller: SAME
 Notifier Name:
 Caller Agency:
 Contact for more spill info:

Spiller Phone:
 Notifier Phone:
 Caller Phone:
 Contact Person Phone:

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | | Penalty Recommended | |
|------------------|---------------------|------------------|-------------------------|--------------------|---------------------|----------------------|
| 12/16/2000 | | UNKNOWN | NO | | NO | |
| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
| KEROSENE | PETROLEUM | 0 | GALLONS | 0 | GALLONS | SOIL |

Caller Remarks:

caller states that in the rear yard there is a large spill of what she believes is kero...nfd.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TIPPLE"
5/17/04 spoke with fuel co and mgnt co mike young-///all involved parties attempting to locate documentation

11/16/04 documentation arrives//within standards///nfa

| | | | |
|--|--|---|-------------------------------|
| Map Identification Number 209 | MANHOLE # 1451 COLLEGE POINT BL & 33R AV | Spill Number: 9914182 COLLEGE POINT, NY NO ZIP PROVIDED | Close Date: 03/26/2002 |
| MAP LOCATION INFORMATION | | ADDRESS CHANGE INFORMATION | |
| Site location mapped by: ADDRESS MATCHING | | Revised street: COLLEGE POINT BLVD / 33RD AV | |
| Approximate distance from property: 2549 feet to the WNW | | Revised zip code: 11354 | |
| Source of Spill: UNKNOWN | Spiller: UNK - UNK | Spiller Phone: (000) 000-0000 | |
| Notifier Type: Local Agency | Notifier Name: | Notifier Phone: | |
| Caller Name: | Caller Agency: | Caller Phone: | |
| DEC Investigator: JHOCONNE | Contact for more spill info: BRIAN JOYCE | Contact Person Phone: (212) 580-6763 | |

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | | Penalty Recommended | | |
|------------|---------------------|----------------|-------------------------|--|---------------------|--|--|
| 03/16/2000 | | UNKNOWN | NO | | NO | | |

| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
|-------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN PETROLEUM | PETROLEUM | 1.00 | GALLONS | 0.00 | GALLONS | SOIL |

Caller Remarks:

1 GAL UNK OIL ON 500 GALS OF WATER - SAMPLE TAKEN CLEAN UP PENDING RESULTS

CON ED #130420

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"

Map Identification Number 210 **MANHOLE # 1541** **Spill Number: 9911316** **Close Date: 03/28/2002**
 33RD AVE/COLLEGE POINT BL NEW YORK, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 2549 feet to the WNW

ADDRESS CHANGE INFORMATION
 Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL Spiller: UNKNOWN Spiller Phone:
 Notifier Type: Affected Persons Notifier Name: MR PACE Notifier Phone: () -
 Caller Name: STEVEN ROMERO Caller Agency: CON ED Caller Phone: (212) 580-6763
 DEC Investigator: COMENALE Contact for more spill info: STEVEN ROMERO Contact Person Phone: (212) 580-6763

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | | Penalty Recommended | |
|------------|---------------------|----------------|-------------------------|--|---------------------|--|
| 12/27/1999 | | UNKNOWN | NO | | NO | |

| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
|-------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN PETROLEUM | PETROLEUM | 0 | GALLONS | 0 | GALLONS | SOIL |

Caller Remarks:
 ABOVE MATERIAL DISCOVERED ON TOP OF 500 GALLONS ON WATER AT ABOVE
 LOCATION. SAMPLE TAKEN AND CLEAN UP PENDING RESULTS. CON ED
 #129404. NO CALL BACK REQUESTED.

DEC Investigator Remarks:
 e2mis no. 129404:
 12-27-99 E.O'Brien reports, found one gallon of unknown oil in mh 1451 on 500 gallons of water. Product at this time has no movement. Also he was not able to see any other oil filled equipment in mh. No sewers or waterways were affected. Spill was discovered while doing a trouble job (4kv 1203). One liquid sample was taken on a 4-6hr turnaround. Env. stop tag # 15526 was placed.
 28-Dec-1999 0526hrs results back lab sequence 99-13135 7. ppm
 Update - 12/28/99 - Cleanup completed by double washing structure with slix. Waste product generated was removed using diapers, coagulant and a vactor. No leaking company equipment. Incident is closed.

Map Identification Number 211 **MANHOLE #1451**
 33RD AV & COLLEGE POINT B

Spill Number: 0307971
 QUEENS, NY NO ZIP PROVIDED

Close Date: 12/05/2003

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 2549 feet to the WNW

ADDRESS CHANGE INFORMATION

Revised street: ' 33RD AVE / COLLEGE POINT BLVD'
 Revised zip code: NO CHANGE

Source of Spill: UNKNOWN
 Notifier Type: Affected Persons
 Caller Name:
 DEC Investigator: JHOCONNE

Spiller: UNK - UNK
 Notifier Name:
 Caller Agency:
 Contact for more spill info: CALLER

Spiller Phone: (000) 000-0000
 Notifier Phone:
 Caller Phone:
 Contact Person Phone:

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 10/28/2003 | | UNKNOWN | NO | NO |

| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
|-------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN PETROLEUM | PETROLEUM | 1.00 | GALLONS | 0.00 | GALLONS | SOIL |

Caller Remarks:

1QT OF UNKNOWN OIL ON 3000 GLS OF WATER. CON ED #150927

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"
 e2mis no. 150-927:

10-28-03 10:00HRS R. PORR (I&A) REPORTS, FOUND ONE QUART OF UNKNOWN OIL ON 3,000 GALLONS OF WATER IN MH 1451. AT THIS TIME OIL APPEARS TO BE CONTAINED AND NO SEWERS OR WATERWAYS WERE AFFECTED. ONE LIQUID SAMPLE WAS TAKEN.

LAB RESULT RECEIVED 10/28/03 - 2143 HRS. 03-08802. 24 PPM.

10-29-03 14,000GAL WATER REMOVED BY ASTORIA TANKER. SUMP FOUND SEALED WITH CEMENT, HOLE WAS DOUBLE WASHED USING BIO GEN 760. CLEAN UP COMPLETED. DUE TO HIGH TIDE AT 15:00 HRS HOLE WAS MAKING WATER.

AMD

Map Identification Number 212 **MANHOLE #1451** **Spill Number: 0201489** **Close Date: 09/18/2002**
 COLLEGE PT-OPP 33RD AVE QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 2549 feet to the WNW

ADDRESS CHANGE INFORMATION
 Revised street: COLLEGE POINT BLVD / 33RD AVE
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL Spiller: UNK Spiller Phone: (000) 000-0000
 Notifier Type: Affected Persons Notifier Name:
 Caller Name: Caller Agency: Notifier Phone:
 DEC Investigator: KMFOLEY Contact for more spill info: CHARLIE MCCARTHY Caller Phone:
 Contact Person Phone: (212) 580-6763

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | | Penalty Recommended | |
|------------|---------------------|----------------|-------------------------|--|---------------------|--|
| 05/09/2002 | | UNKNOWN | NO | | NO | |

| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
|-------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN PETROLEUM | PETROLEUM | 3.00 | GALLONS | 0.00 | GALLONS | SOIL |

Caller Remarks:

SPILL IS CONTAINED IN MANHOLE AND CONTINUES TO BE INVESTIGATED.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "FOLEY"
 J.DOOLEY #27429 CREW CHEIF CABLE GANG ON LOCATION TO REMOVE CABLE ON FDR1208 REPORTS FINDING IN MH-1451 APPROX 3 GALLONS OF AN UNKNOWN OIL ON 500 GALLONS OF STANDING WATER. NO SEWERS OR WATERWAYS APPEAR AFFECTED, NO SIGNS OF FIRE OR SMOKE, NO PRIVATE PROPERTY INVOLVED , NO INJURIES INVOLVED. LIQUID SAMPLE TAKEN MARKED FOR 24 HOUR PROGRAM, CHAIN OF COSTUDY FORM FILLED OUT #AA19497 STOP TAG # 23569. CLEANUP PENDING TEST RESULTS.

UPDATE @0447 HRS 5/9 CIG A.MORRIS NOTIFIED. #12255 VDC.

UPDATE - 09-MAY-2002 14:09 HRS.. LSN# 02-04075 , SAMPLE TYPE: OIL, AROCLOR: 1254, 1260, RESULT: 19 PPM.

DUE TO WATER CONDITION (STRUCTURE IS A TIDE HOLE) : INCIDENT # 142734 WILL NOT BE MEETING THE 24 HR. CRITERIA. SPILL WILL BE RECLASSIFIED AS SPILL UNKNOWN OIL.

CLEANUP RESCHEDULED FOR 5am TOMORROW.

UPDATE - 10-MAY-2002 10:45 HRS..

ENVIR. FLUSH DEPT. MECH-B. W.WALKER EMP# 86035

REPORTS: STRUCTURE DBL. WASHED WITH BULL DOG ENVIR. TAG# 23569 REMOVED. SUMP IN STRUCTURE FOUND CEMENTED. CLEANUP COMPLETE. 100%

| | | | |
|--|--|---|-------------------------------|
| Map Identification Number 213 | MANHOLE 1451 COLLEGE POINT BLVD+33RD | Spill Number: 0200215 QUEENS, NY NO ZIP PROVIDED | Close Date: 10/16/2002 |
| MAP LOCATION INFORMATION Site location mapped by: ADDRESS MATCHING Approximate distance from property: 2549 feet to the WNW | | ADDRESS CHANGE INFORMATION Revised street: COLLEGE POINT BLVD / 33RD AVE Revised zip code: NO CHANGE | |
| Source of Spill: UNKNOWN | Spiller: UNKNOWN FOR NOW | Spiller Phone: | |
| Notifier Type: Affected Persons | Notifier Name: | Notifier Phone: | |
| Caller Name: | Caller Agency: | Caller Phone: | |
| DEC Investigator: JHOCONNE | Contact for more spill info: PETE MCGUIRE | Contact Person Phone: (212) 580-6763 | |

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | | Penalty Recommended | | |
|------------------|---------------------|----------------|-------------------------|---------|---------------------|---------|----------------------|
| 04/06/2002 | | UNKNOWN | NO | | NO | | |
| Material Spilled | | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
| OTHER | | OTHER | 1.00 | GALLONS | 0.00 | GALLONS | SOIL |
| OTHER PETROLEUM | | UNKNOWN | 1.00 | GALLONS | 0.00 | GALLONS | |

Caller Remarks:

they have a 1/2 gallon of a unknown type oil in thier manhole oil is on top of 2,000 gallons of water

con ed -142140

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"
Con Ed e2mis no. 142-140 notes:

06-APR-2002 17:00 HRS.

APPROX. 1/2 PT OF UNKNOWN OIL ON APPROX. 2000 GAL'S OF WATER.

SPILL IS CONTAINED. NO SEWERS OR WATER WAYS APPEAR TO BE AFFECTED. NO KNOWN SUMP OR PUMP. NO KNOWN SEWER CONNECTION PRESENT.
ENVIR. TAG# 05631 PLACED. 1 LIQ. SAMPLE TAKEN FROM SPILL.

UPDATE 4-7-02 0320 HRS CHEM LAB # 02-02868-001 214 PPM & EPA # NYP004097531 TANKER ORDER FOR THE MORNING OF 4-7-02.

UPDATE - 16-MAR-2002 11:50 HRS.

ENVIR. FLUSH DEPT. OPER.SUPV. R.WALTER EMP# 51140 REPORTS: AN > 50 TANKER TO REMOVE 5000 GAL'S OF WATER FROM STRUCTURE. FLOOR OF STRUCTURE WAS SCRAPED CLEAN OF ANY SOLID DEBRIS. ALL SURFACES IN STRUCTURE WAS TRIPLE WASHED WITH BIO-GEN 760. SUMP WAS FOUND CEMENTED FROM PRIOR CLEANUP. ENVIR.TAG# 05631 REMOVED. STRUCTURE IS A TIDE HOLE. 1 DRUM PCB/LEAD SOLIDS GENERATED BY CLEANUP IS BEING PICKED UP BY CORPORATE TRANSPORTATION. CLEANUP COMPLETE 100%

Map Identification Number 214 **MANHOLE 14151**
COLLEGE POINT BLVD/33RD A

Spill Number: 0106109
QUEENS, NY NO ZIP PROVIDED

Close Date: 06/13/2003

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 2549 feet to the WNW

ADDRESS CHANGE INFORMATION

Revised street: COLLEGE POINT BLVD/33RD AV
Revised zip code: NO CHANGE

Source of Spill: UNKNOWN
Notifier Type: Affected Persons
Caller Name:
DEC Investigator: AERODRIG

Spiller: UNKNOWN
Notifier Name:
Caller Agency:
Contact for more spill info:

Spiller Phone:
Notifier Phone:
Caller Phone:
Contact Person Phone:

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | | Penalty Recommended | | |
|-------------------|---------------------|----------------|-------------------------|---------|---------------------|---------|----------------------|
| 09/07/2001 | | UNKNOWN | NO | | NO | | |
| Material Spilled | | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
| UNKNOWN PETROLEUM | | PETROLEUM | 1.00 | GALLONS | 0.00 | GALLONS | SOIL |

Caller Remarks:

1 pint unk oil on 100 gallons of water - they are investigating - lab results taken - ref #139345

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "RODRIGUEZ"
E2MIS 139345

9/7/01 - 0950

L. BUGLIONE - 12875 - CABLE, WHILE DOING MAINTENANCE WORK, REPORTS FINDING APPROX 1 PINT OF AN UNKNOWN OIL ON APPROX 100 GALS OF WATER IN MH1451. SPILL IS CONTAINED. NO SEWERS OR WATERWAYS AFFECTED. NO FIRE INVOLVED. NO PERSONAL PROPERTY AFFECTED. NO MOVEMENT IN THE WATER. NO SEWER CONNECTIONS. NO EARTHEN SUMP. NO CRACKS IN THE STRUCTURE. TAG # 05766 PLACED IN THE STRUCTURE. PCB SAMPLE TAKEN. CHAIN OF CUSTODY FORM # BB06939 FILLED OUT AND MARKED 'E' (WITHIN 8 HRS) PRIORITY. CLEANUP PENDING LAB RESULT. TJ - 50495

CIG SCHLAGEL NOTIFIED AT 1028 HRS. TJ - 50495

UPDATE***** 9-7-01 17:41HRS LAB SEQ# 01-08901-001 <1.0 PPM. S.PACE 49874.

UPDATE - 07-SEP-2001 20:59 HRS.

DUE TO STRUCTURE BEING TURNED IN FOR OIL CONDITION NUMEROUS TIMES, CLEANUP WILL BE SCHEDULED WHEN A MEET CAN BE ARRANGED WITH THE CABLE GANG. THIS INCIDENT # 139345 WILL NOT BE MEETING THE 24 HR. CRITERIA. SPILL WILL BE RECLASSIFIED AS SPILL UNKNOWN OIL..

UPDATE - 07-SEP-2001 21:18 HRS. * CIG MR. P.McGUIRE NOTIFIED OF CHANGE OF STATUES.*

C.HOGAN 07511

UPDATE***** 18:40HRS A. STUBBS REPORTS, ASTORIA TANKER REMOVED 2800 GALLONS OF LIQUID. VACTOR REMOVED ALL SOLIDS AND DOUBLE WASHED WITH BIO GEN 760. SUMP WAS FOUND SEALED AND TAG WAS REMOVED , JOB WAS 100% COMPLETED. S.PACE 49874.000

UPDATE 2/10/03 PER O.S. G.JACOBI, THIS NCIDENT IS NEAR THE FLUSHING CREEK AND NEAR JET ASPHALT PLANT.THESE ARE TIDE HOLES CONSTANTLY MAKING WATER AND A SHEEN. EV

| | | | |
|---|------------------------------|--------------------------------------|-------------------------------|
| Map Identification Number 215 | TRANS VS5013 | Spill Number: 9902196 | Close Date: 05/18/2000 |
| | 32ND AV & HIGGINS ST | QUEENS, NY NO ZIP PROVIDED | |
| MAP LOCATION INFORMATION | | ADDRESS CHANGE INFORMATION | |
| Site location mapped by: ADDRESS MATCHING | | Revised street: 32ND AV / HIGGINS ST | |
| Approximate distance from property: 2555 feet to the NW | | Revised zip code: NO CHANGE | |
| Source of Spill: COMMERCIAL/INDUSTRIAL | Spiller: CON EDISON | Spiller Phone: | |
| Notifier Type: Responsible Party | Notifier Name: MR THORTON | Notifier Phone: (212) 580-6763 | |
| Caller Name: FRANK MASSERIA | Caller Agency: CON EDISON | Caller Phone: (212) 580-6763 | |
| DEC Investigator: CAENGELH | Contact for more spill info: | Contact Person Phone: | |

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 05/26/1999 | | UNKNOWN | NO | NO |

| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| DIELECTRIC FLUID | PETROLEUM | 4.00 | GALLONS | 0.00 | GALLONS | SOIL |

Caller Remarks:

CON EDISON #125126 4 GALLONS ON 300 GALLONS OF WATER. PCB COUNT STATES 132PPM, BUT SAMPLES WERE TAKEN ANYWAY TO CONFIRM. CLEAN UP PENDING RESULTS.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ENGELHARDT"
DEC INSPECTOR NOTES 5-26-99

Called mike Salodino for info- to call back

5-26-99 Ron Cosentino

Sampled but treating as 50-499.

Feeder live as of... To be energize and cleaned if if dirt on botton , will sample.

Control Center 802-5194

5-26-99 Consentino

16:53 Tanker to arrive @6:30 (>50 tanker), 132 ppm PCBs not confirmed yet.

CON ED E2MIS NOTES

7-21-99

5-26-99 13:48 Network reported finding 4 gal. Transformer oil on 300 gals. water in VS5013 Unit was pressure tested, pressure did not hold, VS has no sump pump or piping. No sewers or waterways affected. Unable to tell how much oil is in transformer. Company records claim to be 132ppp PCB. Sample taken and put in for 4-6 hrs. priority, Cleanup pending oil sample results. Tg #08549 installed.

1630hrs. Engelhart made inquiry to this location

17:25 oil sample results 141ppm PCB reported.

22:00 hrs. Initial cleanup completed- Networks drained unit- used over>50 tanker removing 700 gals of oil and water. 1 drum of debris - completion of cleanup pending removal of transformer.

307 of the 700 gals. removed was from unit a sof 5-26-99.

OPS removed 4 drums od solids, double washed structure and dug out dirt sump 24" deep. Cleanup is complete. Left tag in place due to dirt sump.

@2120 hrs. 6/1/99 C . Ruf Queens Flush, reports cleanup completed & tag removed

6-04-99 Incident closed

Transformer oil 4 gals Contained

PCB 124 ppm Contained

Aroclor 1242 131.2 ppn

Aroclor 1254 1 ppm

Aroclor 1260 9.5 ppm

Aroclor 1242 1 ppm

Aroclor 1254 1 ppm

Aroclor 1260 1 ppm

Aroclor 1242 1 ppm

Aroclor 1254 1 ppm

Aroclor 1260 1 ppm

Map Identification Number 216 **OPEN EXCAVATION** **Spill Number: 0130012** **Close Date: 04/05/2005**
 32ND AVE & HIGGINS ST QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 2555 feet to the NW

ADDRESS CHANGE INFORMATION
 Revised street: 32ND AVE / HIGGINS ST
 Revised zip code: NO CHANGE

| | | |
|---------------------------------|------------------------------|-----------------------|
| Source of Spill: UNKNOWN | Spiller: UNKNOWN | Spiller Phone: |
| Notifier Type: Affected Persons | Notifier Name: | Notifier Phone: |
| Caller Name: | Caller Agency: | Caller Phone: |
| DEC Investigator: CESAWYER | Contact for more spill info: | Contact Person Phone: |

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | | Penalty Recommended | |
|------------|---------------------|----------------|-------------------------|--|---------------------|--|
| 07/24/2001 | | UNKNOWN | NO | | NO | |

| Material Spilled | Material Class | Quantity Spilled | | Quantity Recovered | | Resource(s) Affected |
|-------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| | | Units | | Units | | |
| #2 FUEL OIL | PETROLEUM | 0 | GALLONS | 0 | GALLONS | SOIL |
| UNKNOWN PETROLEUM | UNKNOWN | 0 | GALLONS | 0 | GALLONS | |

Caller Remarks:

WHILE WORKING ON GAS MAIN CON ED DETECTED A GASOLINE LIKE ODOR COMING FROM EXCAVATION. CON ED E2MIS #138972.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "SAWYER"
 DEC INSPECTOR NOTES:

8/16/01 O'Connell received a phone call from Con Ed ERT Mike Kessler at 16:44hrs. On 7/24/01, a gasoline like odor was detected at approx 4' bgs while excavating for repair work. Samples were taken and returned on 8/16/01. TPH result was 3510ppm. PCB count <1ppm. Oil ID returned as a light fuel oil.

8/20/01 Foley inspected excavation and found approx 1 pint of oil on 20gal water. Oil appeared to be #6, in small globs. Excavation is in front of 133-05 32nd Ave, Miller Tube Corporation of America (718-939-3000). The building appears to be

abandoned. There is a fill pipe approximately 20ft from the excavation. There also appears to be an abandoned monitoring well and evidence of boreholes on the southwest side of the building. (KMF 8/20/01)

10/2/03, 3:40 PM: Phone call from Angelo Gerasimou, GAMS Construction (718) 523-2100 office, (516) 807-8999 cell. He now owns property at 133-05 32nd Ave (where this excavation is located). PBS registration for the site (2-003689) shows 2 gasoline tanks and 3 fuel oil/diesel tanks - all are closed in PBS database, but no closure dates or info is given. Also, there is an old spill number (8809691) for this address which indicates a gross tank test failure - spill was closed out administratively by Austin. This spill and supporting info referred to Austin for follow up. (JHO)

04/05/05 - Sawyer - Reviewed November 16, 2004 closure report from Advanced Cleanup Technologies. This report included the clean endpoint amples and clean groundwater samples. Closed.

Map Identification Number 217

HIGGINS ST/32ND AV

Spill Number: 0106735

Close Date: 11/23/2001

QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING

Approximate distance from property: 2555 feet to the NW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: UNKNOWN
 Notifier Type: Affected Persons
 Caller Name:
 DEC Investigator: JHOCONNE

Spiller:
 Notifier Name:
 Caller Agency:
 Contact for more spill info:

Spiller Phone:
 Notifier Phone:
 Caller Phone:
 Contact Person Phone:

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | | Penalty Recommended | |
|-------------------|---------------------|------------------|-------------------------|--------------------|---------------------|----------------------|
| 09/27/2001 | | UNKNOWN | NO | | NO | |
| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
| UNKNOWN PETROLEUM | PETROLEUM | 1.00 | GALLONS | 1.00 | GALLONS | SOIL |

Caller Remarks:

LESS THAN 1PPM OF PCB - 1QT ON 200GAL OF WATER - CASE #139579 - PETROLEUM WAS ON THE WALL AND CLEANED UP

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"
e2mis notes:

Aprrox 1 quart of unknown oil on 200 gals water in manhole. Liquid sample taken.

9/28/01, 0150 hrs: Clean up started. No leaking equipment found. Cables are on floor and need to be re-racked before clean up can be completed.

9/28/01, 1002 hrs: Cable re-racked. Clean up completed.

(JHO)

| | | | |
|---|---|-----------------------------------|-------------------------------|
| Map Identification Number 218 | 35-19 147TH ST 35-19 147TH ST | Spill Number: 9411410 | Close Date: 01/05/1995 |
| | | QUEENS, NY NO ZIP PROVIDED | |
| MAP LOCATION INFORMATION | | ADDRESS CHANGE INFORMATION | |
| Site location mapped by: ADDRESS MATCHING | | Revised street: 3519 147TH ST | |
| Approximate distance from property: 2585 feet to the NE | | Revised zip code: UNKNOWN | |
| Source of Spill: COMMERCIAL/INDUSTRIAL | Spiller: UNKNOWN | Spiller Phone: | |
| Notifier Type: Local Agency | Notifier Name: | Notifier Phone: | |
| Caller Name: FIRE FIGHTER KELLER | Caller Agency: NYC FIRE DEPT | Caller Phone: (917) 882-5464 | |
| DEC Investigator: CAENGELH | Contact for more spill info: | Contact Person Phone: | |

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | | Penalty Recommended | |
|------------------|---------------------|------------------|-------------------------|--------------------|---------------------|----------------------|
| 11/27/1994 | 01/05/1995 | UNKNOWN | UNKNOWN | | NO | |
| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
| #2 FUEL OIL | PETROLEUM | 2500 | GALLONS | 0 | GALLONS | SOIL |

Caller Remarks: NOT SURE WHAT HAPPENED -FD ON SCENE-KIM FROM DEP RESPONDING

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ENGELHARDT"

Map Identification Number 219 **ON THE STREET**
 42-55 COLDEN STREET

Spill Number: 0310799 **Close Date: 12/19/2003**
 FLUSHING, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 2604 feet to the SSE

ADDRESS CHANGE INFORMATION
 Revised street: 4255 COLDEN STREET
 Revised zip code: UNKNOWN

Source of Spill: UNKNOWN
 Notifier Type: Citizen
 Caller Name:
 DEC Investigator: SMSANGES

Spiller: UNKNOWN
 Notifier Name:
 Caller Agency:
 Contact for more spill info: JAMES ONEIL

Spiller Phone:
 Notifier Phone:
 Caller Phone:
 Contact Person Phone: (718) 353-2661

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 12/19/2003 | | UNKNOWN | NO | NO |

| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
|-------------------|----------------|------------------|--------|--------------------|--------|----------------------|
| UNKNOWN PETROLEUM | PETROLEUM | 0 | POUNDS | 0 | POUNDS | SOIL |

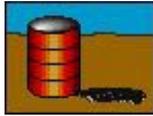
Caller Remarks:

CALLER STATES UNKNOWN AMOUNT OF UNKNOWN PERTOLUEM IS LEAKING INTO STORM DRAIN, LOOKS LIKE SPEEDI DRY WAS PLACED DOWN. JUST AN FYI

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "SANGESLAND"
 duplicate to spill #0310798

Spill Closed



CLOSED STATUS HAZARDOUS SPILLS - MISC. SPILL CAUSES - EQUIPMENT FAILURE, HUMAN ERROR, TANK OVERFILL, DELIBERATE SPILL, TRAFFIC ACCIDENT, HOUSEKEEPING, ABANDONED DRUM, AND VANDALISM - IDENTIFIED WITHIN 1/2 MILE SEARCH RADIUS.
 All spills mapped and profiled within 1/4 mile. Between 1/4 mile and 1/2 mile search radius, spills reported to be greater than 100 units and spills reported in the NYSDEC Fall 1998 MTBE Survey are mapped and profiled. Spills reported to be less than 100 units are listed in a table at the end of this section.

Please Note: * - Compass directions can vary substantially for sites located very close to the subject property address.

Map Identification Number 220 VS 1231 EAST SIDE UNION **Spill Number: 0205106** **Close Date: 10/29/2002**
 ST 37TH AVE 17FT NORTH QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
 Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 0 feet

ADDRESS CHANGE INFORMATION
 Revised street: EAST SIDE UNION ST
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL Spiller: SAME - CON EDISON Spiller Phone: (212) 580-6763
 Notifier Type: Responsible Party Notifier Name: Notifier Phone:
 Caller Name: Caller Agency: Caller Phone:
 DEC Investigator: JHOCONNE Contact for more spill info: LARRY KOSTA Contact Person Phone: (212) 580-6763

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|-------------------|-------------------------|---------------------|
| 08/14/2002 | | EQUIPMENT FAILURE | NO | NO |

| Material Spilled | Material Class | Quantity Spilled | | Quantity Recovered | | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| | | Units | | Units | | |
| DIELECTRIC FLUID | PETROLEUM | 170.00 | GALLONS | 60.00 | GALLONS | SOIL |

Caller Remarks:
 FOUND 9 GALLONS OIL FROM THE BOTTOM OF A TRANSFORMER IN THE MANHOLE
 NO SEWERS OR WATERWAYS NO SMOKE OR FIRE NO PRIVATE PROPERTY
 A CLEANUP IS PENDING TEST RESULTS. - no sewer connection verified

DEC Investigator Remarks:
 Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"
 e2mis no. 144-544:

8/14/02=1400HRS SEIDLER #54005 FOD REPORTS WHILE LOCATING FAULT ON OPEN AUTO FEEDER 7Q82 .FOUND VS-1231 LEAKED APPROX 9-GALLONS OF OIL.FROM BOTTOM OF UNIT ONTO CONCRETE FLOOR OF STRUCTURE. IT APPEARS TO BE CONTAINED AT THIS TIME NO SEWERS OR WATERWAYS EFFECTED.NO FIRE OR SMOKE OR PRIVATE PROPERTY INVOLVED.RECORDS SHOW 1PPM DATED 2/17/02. UNIT TO BE REPLACED. CLEANUP PENDING TEST RESULTS.

8/14/02 1925hrs Update - Tanker, Env. Ops crew and Netw crew have all been dispatched to drain unit and to start clean up.

Lab Sequence Number: 02-07610-001 Aroclor 1260 < 1.0 ppm

Update 8/14/02 2245hrs B. Bamonte - OS, env. ops reports Netw crew on location with >50 tanker and removed 160 gallons of oil from unit - mfg tag reads unit holds 330 gallons of oil. Loss of 170 gallons into structure. Tanker also removed 60 gallons of oil from structure. B. Bamonte states the rest of oil is in dirt in structure. Vactor on location holding spot and will continue with cleanup.

Update - 2300hrs - 8/14/02 Notified ERT S. Mahoney there are no sewer connections as per manhole records. S. Mahoney to advise DEP and will go to site.

Update - 8/15/02 0145hrs R. Cosentino reports Rodriguez Diaz DEP on location at 0000hrs & left @ 0130hrs and S. Mahoney ERT arrived on location at 0000hrs & left @ 0145hrs. R. Cosentino reports due to unsafe condition (due to lec location) clean up cannot be completed until am shift of 8/15/02. M. McSwiggan will arrange with Netw - roof has to be removed & then transformer for env. ops to have access to perform cleanup. DEP is satisfied with cleanup plan. Massive Contracting has been contacted to hold spot for am due to traffic condition in area.

8-15-02 1530 hrs Update to incident: O.S. B.Bamonte reports on location with Lacasse, Stevens and Forbes. Structure was double washed with bio-gen 70. Sump was found cemented. All solids were drummed because they were saturated with oil. 5 Drums were generated and will be picked up by Astoria transportation. Structure seems to have oil leaching from concrete floor. It is not known at this time if oil is in soil under concrete floor. SSC was called to location and decided concrete floor will be removed and a new floor will be installed.

UPDATE 8/16/02 12:05 HRS. -- JIMENA IBANEZ OF QUEENS ENV. OPS. REPORTS S.S.C. CREWS REMOVED TWO SMALL SECTIONS OF CONCRETE FLOOR. FOUND OIL ON THE SOIL UNDERNEATH ONE SECTION. S.S.C. TO CONTINUE REMOVING ENTIRE FLOOR.

UPDATE 8-16-02 1355 HRS JIMENA IBANEZ OS FLUSH DEPT REPORTS SSC EPT BROKE CEMENT FLOOR , NO CEMENT WAS REMOVED FROM STRUCTURE. THEY FOUND APPROX OZ OIL UNDER CEMENT FLOOR. STRUCTURE WAS COVERED WITH PLYWOOD AND SEALED WITH ASPHALT TO PREVENT WATER (RAIN) FROM GOING INTO STRUCTURE.

UPDATE: 20-AUG-2002 1715 B HUTCHINSON E/S SUPERVISOR REPORTS SSC BROKE CEMENT FLOOR AND REMOVED IT IN BARRELS. AFTER CEMENT FLOOR WAS REMOVED ENVIROMENTAL OPS REMOVED 8 INCHES OF SOIL UNTIL NO ADDITIONAL OIL WAS NOTICED. SSC WILL RETURN TOMORROW TO BACKFILL HOLE WITH CLEAN SOIL AND WILL REBARR FLOOR AND POUR NEW CEMENT FLOOR. ENVIROMETAL STOP TAG REMOVED JOB COMPLETE.

Map Identification Number 221 **NYC PD 109TH PRE.**
 3705 UNION ST

Spill Number: 9513002 **Close Date: 08/14/1996**
 FLUSHING, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 30 feet to the NE*

ADDRESS CHANGE INFORMATION
 Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER
 Notifier Type: Responsible Party
 Caller Name: GARLAND MCARDLE
 DEC Investigator: GUTIERREZ

Spiller: GARLAND MCARDLE - COSTAL OIL CO
 Notifier Name: MIKE SHEA
 Caller Agency: COSTAL OIL CO.
 Contact for more spill info: UNKNOWN

Spiller Phone: (718) 746-2458
 Notifier Phone: (718) 746-2458
 Caller Phone: (718) 746-2458
 Contact Person Phone: (718) 321-2275

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | | Penalty Recommended | |
|------------|---------------------|-------------------|-------------------------|--|---------------------|--|
| 01/18/1996 | | EQUIPMENT FAILURE | NO | | NO | |

| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| #2 FUEL OIL | PETROLEUM | 7.00 | GALLONS | 0.00 | GALLONS | SOIL |

Caller Remarks: gauge was off 2000 gals caller did hirer milro to clean up

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 222 **142-22 37TH AVE**
 142-22 37TH AVE

Spill Number: 9415899 **Close Date: 03/08/1995**
 FLUSHING, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 143 feet to the NE*

ADDRESS CHANGE INFORMATION
 Revised street: 14222 37TH AVE
 Revised zip code: NO CHANGE

| | | |
|-----------------------------------|------------------------------|------------------------------|
| Source of Spill: PRIVATE DWELLING | Spiller: SAME | Spiller Phone: |
| Notifier Type: Other | Notifier Name: | Notifier Phone: |
| Caller Name: KIMBERLEY ABRAMS | Caller Agency: PETRO ASTORIA | Caller Phone: (718) 545-3662 |
| DEC Investigator: SIGONA | Contact for more spill info: | Contact Person Phone: |

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|-------------------|-------------------------|---------------------|
| 03/08/1995 | 03/08/1995 | EQUIPMENT FAILURE | UNKNOWN | NO |

| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| #2 FUEL OIL | PETROLEUM | 1.00 | GALLONS | 1.00 | GALLONS | SOIL |

Caller Remarks: FILTER AT BURNER LEAKED

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 223 **RESIDENCE**
 142 -24 38 AVE

Spill Number: 0310413 **Close Date: 05/11/2005**
 FLUSHING, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 153 feet to the ENE*

ADDRESS CHANGE INFORMATION
 Revised street: 14224 38TH AVE
 Revised zip code: NO CHANGE

| | | |
|-----------------------------------|--|--------------------------------------|
| Source of Spill: PRIVATE DWELLING | Spiller: WILIAM FALKENMEYER - HEATING OIL PARTNERS | Spiller Phone: (718) 444-3400 |
| Notifier Type: Responsible Party | Notifier Name: | Notifier Phone: |
| Caller Name: | Caller Agency: | Caller Phone: |
| DEC Investigator: SMSANGES | Contact for more spill info: WILIAM FALKENMEYER | Contact Person Phone: (718) 444-3400 |

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 12/09/2003 | | HUMAN ERROR | NO | NO |

| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| #2 FUEL OIL | PETROLEUM | 15.00 | GALLONS | 0.00 | GALLONS | SOIL |

Caller Remarks:

large tank driver checked gauge statretd pumping oil and started building pressure and blew out of pump line. clean up started.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "SANGESLAND"
Sangesland spoke with William Falkenmeyer of oil company (718-444-3400)

10,000 gal tank at apartment building

Building owner: Starr 66 Corp. c/o Adam Pokrzywa 516-365-9772

During tank fill, pressure blew out vent line. Some oil landed on cement & some on grass area. Contractor will dig out contaminated soil/grass on 12/10/03.

Sangesland left a message on owners (Pokrzywa) answering machine.

12/11/2003 Sangesland spoke with Mr. Pokrzywa. He will inspect the spill area and contact the DEC in a few days if the spill is cleaned up to his satisfaction.

12/11/2003 Update - Krimgold spoke with Paul at Milro. They dug out an area 15' x 8' x 5ft deep. Krimgold requested 2 endpoint samples & report.

12/15/2003 Mr. Pokrzywa called to say everything was dug out and the hole filled with sand. The only thing missing is a thin layer of top soil.

Map Identification Number 224 **136-31 ROOSEVELT AVE.**
 136-31 ROOSEVELT AVE.

Spill Number: 9413168
 QUEENS, NY NO ZIP PROVIDED

Close Date: 01/03/1995

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 211 feet to the SSW

ADDRESS CHANGE INFORMATION

Revised street: 13631 ROOSEVELT AVE.
 Revised zip code: NO CHANGE

Source of Spill: TANK TRUCK
 Notifier Type: Responsible Party
 Caller Name: PETER LEPORT
 DEC Investigator: SMMARTIN

Spiller: SAME
 Notifier Name:
 Caller Agency: WHALECO FUEL
 Contact for more spill info:

Spiller Phone:
 Notifier Phone:
 Caller Phone: (718) 852-7000
 Contact Person Phone:

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|-------------------|-------------------------|---------------------|
| 01/03/1995 | 01/03/1995 | EQUIPMENT FAILURE | UNKNOWN | NO |

| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| #2 FUEL OIL | PETROLEUM | 5.00 | GALLONS | 5.00 | GALLONS | SOIL |

Caller Remarks: UNKNOWN PROBLEM WITH TANK TRUCK THAT CAUSED SPILL, SPEEDY DRY CLEANED UP.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "MARTINKAT"

Map Identification Number 225 **BEAUTY PARLOR**
 136-84 ROOSEVELT AVE

Spill Number: 9902138
 FLUSHING, NY NO ZIP PROVIDED

Close Date: 05/27/1999

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 273 feet to the SSE

ADDRESS CHANGE INFORMATION

Revised street: 13684 ROOSEVELT AVE
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL
 Notifier Type: Other
 Caller Name: ANTHONY EREMITAGGIO
 DEC Investigator: SMSANGES

Spiller: BEAUTY PARLOR
 Notifier Name:
 Caller Agency: PETRO OIL
 Contact for more spill info: MR LEE

Spiller Phone: (718) 575-3861
 Notifier Phone:
 Caller Phone: (718) 628-3300
 Contact Person Phone: (718) 359-9658

Spill Class: POSSIBLE REL WITH MIN POTENTIAL FOR FIRE OR HAZARD (OR KNOWN RELEASE W/ NO DAMAGE);DEC RESP;WILLING RP;CORR ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | | Penalty Recommended | |
|------------------|---------------------|-------------------|-------------------------|--------------------|---------------------|----------------------|
| 05/25/1999 | | EQUIPMENT FAILURE | NO | | NO | |
| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
| #2 FUEL OIL | PETROLEUM | 10.00 | GALLONS | 0.00 | GALLONS | SOIL |

Caller Remarks:

LEAK FROM TANK IN BASEMENT. OIL IS BEING FLUSHED OUT NOW.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "SANGESLAND"
 MIKE SHAW AT PETRO SAID 10 GAL #2 SPILL ON CEMENT BASEMENT FLOOR. NO FLOOR CRACKS, NO SEWERS, ALL CLEANED - NEW TANK INSTALLED
 5/27/99

CLOSED

Map Identification Number 226 **136-84 ROOSEVELT AVENUE** **Spill Number: 9503093** **Close Date: 06/12/1995**
 136-84 ROOSVELT AVENUE FLUSHING, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION ADDRESS CHANGE INFORMATION
 Site location mapped by: ADDRESS MATCHING Revised street: 13684 ROOSEVELT AVE
 Approximate distance from property: 273 feet to the SSE Revised zip code: NO CHANGE

Source of Spill: UNKNOWN Spiller: UNKNOWN Spiller Phone:
 Notifier Type: Other Notifier Name: Notifier Phone:
 Caller Name: KIMBERLY ABRAMS Caller Agency: PETRO ASTORIA Caller Phone: (718) 545-3662
 DEC Investigator: KSTANG Contact for more spill info: Contact Person Phone:

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | | Penalty Recommended | |
|------------------|---------------------|-------------------|-------------------------|--------------------|---------------------|----------------------|
| 06/12/1995 | 06/12/1995 | EQUIPMENT FAILURE | UNKNOWN | | NO | |
| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
| #2 FUEL OIL | PETROLEUM | 3.00 | GALLONS | 3.00 | GALLONS | SOIL |

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER Spiller: COASTAL REFINING & MARKET Spiller Phone: (718) 746-2417
 Notifier Type: Responsible Party Notifier Name: Notifier Phone:
 Caller Name: DORIS BEIERSDORFER Caller Agency: COASTAL REFINING & MARKET Caller Phone: (718) 748-2417
 DEC Investigator: MCTIBBE Contact for more spill info: Contact Person Phone:

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | | Penalty Recommended | |
|------------------|---------------------|-------------------|-------------------------|--------------------|---------------------|----------------------|
| 03/07/1995 | | EQUIPMENT FAILURE | NO | | NO | |
| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
| #2 FUEL OIL | PETROLEUM | 10.00 | GALLONS | 10.00 | GALLONS | SOIL |

Caller Remarks: OVERFILL DUE TO BROKEN GAUGE - LOCATION WAS TO HAVE FIXED THE GAUGE SOME TIME AGO - CLEANUP CREW ON WAY.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TIBBE"
 2500 GALLON - NOT REGISTERED. CALLED DORIS. CLEANED UP IN FRONT OF BLDG. NEAR FILL PORT. CLEANED BY RESPONSIBLE PARTY.

Map Identification Number 229 **MANHOLE 416** **Spill Number: 0405207** **Close Date: 10/27/2004**
 39TH AVE & MAIN ST QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 383 feet to the SW

ADDRESS CHANGE INFORMATION
 Revised street: 39TH AVE / MAIN ST
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL Spiller: ERT DESK - CON ED Spiller Phone: (212) 580-8383
 Notifier Type: Responsible Party Notifier Name: Notifier Phone:
 Caller Name: Caller Agency: Caller Phone:
 DEC Investigator: SKARAKHA Contact for more spill info: ERT DESK Contact Person Phone: (212) 580-8383

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | | Penalty Recommended | |
|-------------------|---------------------|-------------------|-------------------------|--------------------|---------------------|----------------------|
| 08/11/2004 | | EQUIPMENT FAILURE | NO | | NO | |
| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
| UNKNOWN PETROLEUM | PETROLEUM | 1.00 | GALLONS | 0.00 | GALLONS | SOIL |

Caller Remarks:

The spill is approx. 1 quart of insulatum - a petroleum based lubricant used in feeder.

The leak from feeder 7Q82.

Under investigation.

Started cleanup, however at 3:30 found an earthen sump.

DEC Investigator Remarks:

e2mis no 154852

8-11-04 23:10HRS MR. SONTAG 178 (FOD) REPORTS, FOUND ONE QUART OF INSULATUM LEAKED FROM JOINT ONTO MUD IN MH 416. NO SEWER CONNECTIONS IN HOLE AND THERE IS A SUMP BUT CANNOT DETERMINE IF WEATHER ITS CONCRETE OR EARTHEN. ONE SLUDGE SAMPLE WAS TAKEN. THIS JOB WILL BE TREATED AS A 50-499 CLEANUP. CLEANUP PENDING CLEANUP CREWS AND TANKER.

UPDATE 8-12-04 03:30HRS T. FERNANDEZ REPORTS EARTHEN SUMP FOUND.

Lab Sequence Number: 04-06406-001: PCBs < 1 PPM.

8/12/04 08:15 HRS. -- J. STEVENS OF QUEENS ENV OPS WAS ON LOCATION WITH A.GLODOWSKI AND P.ROSADO OF BROOKLYN ENV OPS AND STEVENS REPORTS CLEANUP COMPLETE AT THIS TIME. ENV OPS SEALED THE PREVIOUSLY REPORTED EARTHEN SUMP. UNDERGROUND REMOVED THE LEAKING JOINT AND REMOVED ENV. STOP TAG 26119. STEVENS REMAINS ON LOCATION WAITING FOR BARREL PICKUP.

Map Identification Number 230

3914 MAIN ST

Spill Number: 9905487

Close Date: 08/06/1999

QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING

Approximate distance from property: 410 feet to the SW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER
 Notifier Type: Federal Government
 Caller Name: JACK ILER
 DEC Investigator: JXZHAO

Spiller: KENWAH CHINESE TAKEOUT
 Notifier Name: NRC
 Caller Agency: US COAST GUARD
 Contact for more spill info: CALLER

Spiller Phone:
 Notifier Phone: (800) 424-8802
 Caller Phone: (718) 354-4136
 Contact Person Phone: (718) 354-4136

Spill Class: NO SPILL OCCURRED;NO DEC RESPONSE;NO CORRECTIVE ACTION REQUIRED

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | | Penalty Recommended | |
|------------------|---------------------|------------------|-------------------------|--------------------|---------------------|----------------------|
| 08/06/1999 | | DELIBERATE | NO | | NO | |
| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
| COOKING GREASE | OTHER | 0 | GALLONS | 0 | GALLONS | SOIL |

Caller Remarks:

caller reports dumping of cooking grease in road by chinese restaurant deliberately.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ZHAO"

Map Identification Number 231

37 AVE AND MAIN ST

QUEENS, NY NO ZIP PROVIDED

Spill Number: 0104975

Close Date: 08/10/2001

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 421 feet to the W

ADDRESS CHANGE INFORMATION

Revised street: 37TH AVE / MAIN ST
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL VEHICLE
 Notifier Type: Fire Department
 Caller Name:
 DEC Investigator: MXTIPPLE

Spiller:
 Notifier Name:
 Caller Agency:
 Contact for more spill info: FDNY DISP 397

Spiller Phone:
 Notifier Phone:
 Caller Phone:
 Contact Person Phone: (718) 476-6200

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | | Penalty Recommended | |
|------------------|---------------------|-------------------|-------------------------|--------------------|---------------------|----------------------|
| 08/08/2001 | | EQUIPMENT FAILURE | NO | | NO | |
| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
| GASOLINE | PETROLEUM | 40.00 | GALLONS | 0.00 | GALLONS | SEWER |

Caller Remarks:

917 941 7288 - caller stated to fire dept unk ryder truck spilled
product into sewer - no further

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TIPPLE"
REFERRED TO DEP DUE TO SEWER IMPACT/ FDNY ON SCENE/ SPILL CLEANED

| | | | |
|--|--|---|-------------------------------|
| Map Identification Number 232 | MAIN STREET & ROOSEVELT AVE & MAIN ST | Spill Number: 9514189 | Close Date: 02/07/1996 |
| | | FLUSHING, NY NO ZIP PROVIDED | |
| MAP LOCATION INFORMATION | | ADDRESS CHANGE INFORMATION | |
| Site location mapped by: ADDRESS MATCHING | | Revised street: ROOSEVELT AVE / MAIN ST | |
| Approximate distance from property: 441 feet to the SW | | Revised zip code: UNKNOWN | |
| Source of Spill: PRIVATE DWELLING | Spiller: BERGIN FUEL | Spiller Phone: (718) 763-3100 | |
| Notifier Type: Responsible Party | Notifier Name: BOB DECK | Notifier Phone: (718) 624-4842 | |
| Caller Name: BOB DECK | Caller Agency: PETROLEUM TANK CLEANERS | Caller Phone: (718) 624-4842 | |
| DEC Investigator: JMKRIMGO | Contact for more spill info: | Contact Person Phone: | |

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | | Penalty Recommended | |
|------------|---------------------|----------------|-------------------------|--|---------------------|--|
| 02/07/1996 | | TANK OVERFILL | NO | | NO | |

| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| #2 FUEL OIL | PETROLEUM | 50.00 | GALLONS | 0.00 | GALLONS | SOIL |

Caller Remarks: overfill.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "KRIMGOLD"
Bergen oil doing cleanup

Map Identification Number 233 **137-28 NORTHERN BLVD**
 137-28 NORTHERN BLVD

Spill Number: 9406481 **Close Date: 08/12/1994**
 FLUSHING, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 544 feet to the NW

ADDRESS CHANGE INFORMATION

Revised street: 13728 NORTHERN BLVD
 Revised zip code: NO CHANGE

Source of Spill: RAILROAD CAR
 Notifier Type: Responsible Party
 Caller Name: VENTURA PASSION
 DEC Investigator: KSTANG

Spiller: PETRO OIL CO
 Notifier Name:
 Caller Agency: PETRO OIL CO
 Contact for more spill info:

Spiller Phone:
 Notifier Phone:
 Caller Phone: (718) 545-4500
 Contact Person Phone:

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 08/12/1994 | 08/12/1994 | HUMAN ERROR | UNKNOWN | NO |

| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| #2 FUEL OIL | PETROLEUM | 1.00 | GALLONS | 0.00 | GALLONS | SOIL |

Caller Remarks: CAME OUT OF VENT-CLEANING UP WITH SPEEDY DRY

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TANG"

Map Identification Number 234 **VAULT 3119**
 137-34 NORTHERN BLVD

Spill Number: 0412347 **Close Date: 06/08/2005**
 QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 545 feet to the NW

ADDRESS CHANGE INFORMATION

Revised street: 13734 NORTHERN BLVD
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL
 Notifier Type: Responsible Party
 Caller Name:
 DEC Investigator: JHOCONNE

Spiller: ERT DESK - VAULT 3119
 Notifier Name:
 Caller Agency:
 Contact for more spill info: ERT DESK

Spiller Phone: (212) 580-8383
 Notifier Phone:
 Caller Phone:
 Contact Person Phone: (212) 580-8383

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | | Penalty Recommended | | |
|------------------|---------------------|-------------------|-------------------------|--------------------|---------------------|----------------------|--|
| 02/18/2005 | | EQUIPMENT FAILURE | NO | | NO | | |
| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected | |
| TRANSFORMER OIL | PETROLEUM | 3.00 | GALLONS | 0.00 | GALLONS | SOIL | |

Caller Remarks:

clean up is in process. leaked stoped.

DEC Investigator Remarks:

e2mis no. 157304:

2/18/2005 15:50 HRS. PAUL KELLY #16016, SR. FIELD OPERATOR WITH F.O.D., REPORTS IN VS-3119 ON FEEDER 7Q71 WHEN HE OPENED NETWORK PROTECTOR COVER APPROX. 3 GAL OIL SPILLED INTO DIRT ON FLOOR OF VAULT. SPILL WAS STOPPED BY CLOSING COVER. SPILL APPEARS TO BE CONTAINED. SAMPLE TAKEN. CLEANUP PENDING PCB RESULTS AND TRANSFORMER REPLACEMENT.

** TRANSFORMER INFORMATION FROM ECC WAREHOUSE:

** Serial ID: M175047, MFG Code: GE, KVA: 560, Mfr Date: 12/30/1988, Install Date: 01/01/1989

** HISTORICAL PCB RESULTS: Sample Date: 10/30/1991, PCB: 10 PPM, LAB SEQ # 013671.

2/18/2005 16:00 HRS. -- PAT KELLY, FOD O/G/S, REPORTS THIS FEEDER OPENED AUTO AND TRANSFORMER ALREADY SCHEDULED TO BE REPLACED (SEE LAYOUT E05-14017-Q). TRANSFORMER REPLACEMENT SCHEDULED FOR SUNDAY (2/20/05).

2/18/05 2132HRS LAB RESULT RETURNED <1.PPM LSN-05-01516-001

2/19/05 0345HRS ALUWUALIA ENVIR OPPTS REPORTS DOULBED WASHED STRUCTURE USING BULL-DOG.ENVIR TAG REMAINS PENDING REPLACEMENT OF UNIT IN VS-3119.

UPDATE 2/20/05 14:17 HRS BQE ADAMO #28458 REPORTS AT THIS TIME THE TRANSFORMER HAS BEEN REMOVED, AND ENV OPS IS ON LOCATION PERFORMING CLEANUP.

2-20-05 15:45HRS MR. HIPPI (ENV OPS) REPORTS, DOUBLE WASHED STRUCTURE USING BIO GEN 760, TAG REMOVED AND SUMP FOUND SEALED. JOB 100% COMPLETED.

Map Identification Number 235 **BUS#614**
 NORTHERN BLVD/UNION ST.

Spill Number: 0500803 **Close Date: 05/24/2005**
 QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 586 feet to the N

ADDRESS CHANGE INFORMATION
 Revised street: NO CHANGE
 Revised zip code: UNKNOWN

| | | |
|--|--|--------------------------------------|
| Source of Spill: COMMERCIAL/INDUSTRIAL | Spiller: JOSEPHINE BROWN - NYC TRANSIT GRAND AVE | Spiller Phone: (646) 996-7634 |
| Notifier Type: Responsible Party | Notifier Name: JOSEPHINE BROWN | Notifier Phone: |
| Caller Name: MCTIBBE | Caller Agency: JOSEPHINE BROWN | Caller Phone: |
| DEC Investigator: MCTIBBE | Contact for more spill info: JOSEPHINE BROWN | Contact Person Phone: (718) 243-4581 |

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | | Penalty Recommended | |
|------------|---------------------|-------------------|-------------------------|--|---------------------|--|
| 04/19/2005 | | EQUIPMENT FAILURE | NO | | NO | |

| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
|----------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| POWER STEERING FLUID | PETROLEUM | 1.00 | GALLONS | 0.00 | GALLONS | SOIL |

Caller Remarks:

1 pint of the material went into the sewer the rest was recovered. Material came from a bus. Clean up is completed.

DEC Investigator Remarks:

05/24/05: Leak from a bus. Most contained and cleaned by NYCT but about 1/2 pint entered the sewer. NYCT DEP was not notified.

Map Identification Number 236 **40-23 MAIN ST**
 40-23 MAIN ST

Spill Number: 9612149 **Close Date: 01/09/1997**
 QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 607 feet to the SSW

ADDRESS CHANGE INFORMATION
 Revised street: 4023 MAIN ST
 Revised zip code: NO CHANGE

| | | |
|-----------------------------------|--|------------------------------|
| Source of Spill: PRIVATE DWELLING | Spiller: MATTHEW CUFFARO - MYSTIC BULK CARRIER | Spiller Phone: |
| Notifier Type: Responsible Party | Notifier Name: JOE OREFICE | Notifier Phone: |
| Caller Name: MATTHEW CUFFARO | Caller Agency: MYSTIC BULK CARRIERS | Caller Phone: (718) 932-9075 |
| DEC Investigator: O'DOWD | Contact for more spill info: | Contact Person Phone: |

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | | Penalty Recommended | |
|---|---------------------|------------------|-------------------------|--------------------|---------------------|----------------------|
| 01/09/1997 | | TANK OVERFILL | NO | | NO | |
| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
| #2 FUEL OIL | PETROLEUM | 5.00 | GALLONS | 5.00 | GALLONS | SOIL |
| Caller Remarks: REPEAT DELIVERY MADE TO RESIDENCE - SPILL CONTAINED IN BASEMENT CREW TO CLEAN UP ON WAY | | | | | | |
| DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL. | | | | | | |

Map Identification Number 237 SEARS **Spill Number: 0005898** **Close Date: 09/27/2004**
 137-45 NORTHERN BLVD FLUSHING, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION ADDRESS CHANGE INFORMATION
 Site location mapped by: ADDRESS MATCHING Revised street: 13745 NORTHERN BLVD
 Approximate distance from property: 607 feet to the NNW Revised zip code: NO CHANGE

Source of Spill: NON-MAJOR FACILITY (>1100 GAL) Spiller: WAYNE BURTON - SEARS Spiller Phone: (518) 449-7680
 Notifier Type: Affected Persons Notifier Name: Notifier Phone:
 Caller Name: Caller Agency: Caller Phone:
 DEC Investigator: WXSUN Contact for more spill info: Contact Person Phone:

Spill Class: KNOWN RELEASE THAT CREATES A FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | PBS # Involved | Meets Cleanup Standards | | Penalty Recommended |
|--------------------------|---------------------|-------------------|----------------|-------------------------|---------|----------------------|
| 08/16/2000 | | EQUIPMENT FAILURE | 2-604699 | NO | | NO |
| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
| GASOLINE | PETROLEUM | 0 | GALLONS | 0 | GALLONS | GROUNDWATER |
| COAL TAR PITCH VOLATILES | HAZARDOUS MATERIAL | 0 | GALLONS | 0 | GALLONS | GROUNDWATER |
| #2 FUEL OIL | UNKNOWN | 0 | GALLONS | 0 | GALLONS | |

Caller Remarks:

caller compant rents the property wher the spill has been located the property is owned by two families who are represented by cushman and wakefield reality contact is pat gardner (212) 841-7953 there are u/g storage tanks on site that have been closed done by the owners caller will be contacting some one to investigate the spill

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "SUN"
This spill has been consolidated under Spill No. 0005898.

This spill was reassigned from DEC (Demeo) to DEC Sigona on 8/23/2000. See Spill No. 0006121 for further information. DEC Sigona sent follow-up letter on 8/23/2000

ADDRESS WAS ORIGINALLY LISTED AS 137-36 LEAVITT ST

DEC's comments regarding a proposed site investigation plan prepared by EEA, Inc., dated June 16, 2003

The results of this investigation must be compiled into a Subsurface Investigation Report prepared in accordance with Section No. 3, paragraph 3.14 of the Division of Environmental Remediation's Draft DER-10 Technical Guidance for Site Investigation and Remediation, dated December 2002. A complete Remedial Investigation Report must be submitted for DEC review and approval according to the proposed implementation scheduled.

This spill case was reassigned from DEC (Sigona) to Rommel
on 01/07/2004.

7/13/04

As per Al Serpa EEA, Work Plan submitted to Anthony and approved by Anthony. Excavation occurring. Summary Report expected by end of August. Rommel

9/22/04

Spill assigned to Sun. Remedial Corrective Action Report received 9/13/04. Rommel.

9/27/04 File Update by Sun: Based on the remedial Corrective Action Report submitted by EEA Inc, dated September 10, 2004, the

spill is closed.

Map Identification Number 238 **PECKS** **Spill Number: 9600179** **Close Date: 04/04/1996**
 3618 MAIN ST FLUSHING, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION ADDRESS CHANGE INFORMATION
 Site location mapped by: ADDRESS MATCHING Revised street: NO CHANGE
 Approximate distance from property: 686 feet to the WNW Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL Spiller: SAM SOLA - PETRO ASTORIA Spiller Phone: (718) 545-4500
 Notifier Type: Responsible Party Notifier Name: JOE GUASTELLA Notifier Phone: (718) 545-4500
 Caller Name: SAM SOLA Caller Agency: PETRO IN ASTORIA Caller Phone: (718) 545-4500
 DEC Investigator: SMMARTIN Contact for more spill info: UNKNOWN Contact Person Phone: (718) 353-3896

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | | Penalty Recommended | |
|------------|---------------------|-------------------|-------------------------|--|---------------------|--|
| 04/04/1996 | | EQUIPMENT FAILURE | NO | | NO | |

| Material Spilled | Material Class | Quantity Spilled | | Quantity Recovered | | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| | | Units | | Units | | |
| #2 FUEL OIL | PETROLEUM | 1.00 | GALLONS | 1.00 | GALLONS | SOIL |

Caller Remarks: oil was in vent when driver attempted to fill tank

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "MARTINKAT"

Map Identification Number 239 **PECKS STATIONERS INC** **Spill Number: 9513610** **Close Date: 01/30/1996**
 3618 MAIN STREET FLUSHING, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION ADDRESS CHANGE INFORMATION
 Site location mapped by: ADDRESS MATCHING Revised street: NO CHANGE
 Approximate distance from property: 686 feet to the WNW Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL Spiller: SAM SOLA - PETRO Spiller Phone: (718) 545-4500
 Notifier Type: Responsible Party Notifier Name: MUSTAFA FAKIR Notifier Phone:
 Caller Name: SAM SOLA Caller Agency: PETRO IN ASTORIA Caller Phone: (718) 545-4500
 DEC Investigator: TOMASELLO Contact for more spill info: MR PECKS Contact Person Phone: (718) 353-3896

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | | Penalty Recommended | |
|------------------|---------------------|------------------|-------------------------|--------------------|---------------------|----------------------|
| 01/26/1996 | | TANK OVERFILL | NO | | NO | |
| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
| #2 FUEL OIL | PETROLEUM | 2.00 | GALLONS | 2.00 | GALLONS | SOIL |

Caller Remarks: driver overfilled the tank causing the spill.they have people enroute to clean up the spill.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 240 PECKS STATIONARY
36-18 MAIN ST

Spill Number: 9511128 Close Date: 12/05/1995
FLUSHING, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 686 feet to the WNW

ADDRESS CHANGE INFORMATION
Revised street: 3618 MAIN ST
Revised zip code: NO CHANGE

| | | |
|-----------------------------------|---------------------------------|--------------------------------------|
| Source of Spill: PRIVATE DWELLING | Spiller: SAM - PETRO IN ASTORIA | Spiller Phone: (718) 545-4500 |
| Notifier Type: Responsible Party | Notifier Name: JOE ROSETO | Notifier Phone: |
| Caller Name: SAM SOLA | Caller Agency: PETRO IN ASTORIA | Caller Phone: (718) 545-4500 |
| DEC Investigator: SMMARTIN | Contact for more spill info: | Contact Person Phone: (718) 353-3896 |

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | | Penalty Recommended | |
|------------------|---------------------|------------------|-------------------------|--------------------|---------------------|----------------------|
| 12/05/1995 | | TANK OVERFILL | NO | | NO | |
| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
| #2 FUEL OIL | PETROLEUM | 1.00 | GALLONS | 1.00 | GALLONS | SOIL |

Caller Remarks: DRIVER OVERFILL ONTO CONCRETE

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "MARTINKAT"

Map Identification Number 241 **PECKS STATIONERS INC**
 3618 MAIN ST

Spill Number: 9510550 **Close Date: 11/22/1995**
 FLUSHING, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 686 feet to the WNW

ADDRESS CHANGE INFORMATION
 Revised street: NO CHANGE
 Revised zip code: NO CHANGE

| | | |
|--|--|--------------------------------------|
| Source of Spill: COMMERCIAL/INDUSTRIAL | Spiller: JOSE PELLEGER - PETRO ASTORIA | Spiller Phone: (718) 353-3896 |
| Notifier Type: Responsible Party | Notifier Name: LARRY YALON | Notifier Phone: (718) 545-4500 |
| Caller Name: JOSE PELLEGER | Caller Agency: PETRO & ASTORIA | Caller Phone: (718) 545-4500 |
| DEC Investigator: MMMULQUE | Contact for more spill info: UNKNOWN | Contact Person Phone: (718) 353-3896 |

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 11/21/1995 | | TANK OVERFILL | NO | NO |

| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| #2 FUEL OIL | PETROLEUM | 1.00 | GALLONS | 1.00 | GALLONS | SOIL |

Caller Remarks: LESS THAN A GAL TANK OVERFILL ON TO BASEMENT FLOOR CLEANED UP

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "MULQUEEN"

Map Identification Number 242 **PECKS STATIONARY**
 36-18 MAIN STREET

Spill Number: 9510542 **Close Date: 11/21/1995**
 FLUSHING, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 686 feet to the WNW

ADDRESS CHANGE INFORMATION
 Revised street: 3618 MAIN STREET
 Revised zip code: NO CHANGE

| | | |
|--|--------------------------------------|--------------------------------------|
| Source of Spill: COMMERCIAL/INDUSTRIAL | Spiller: MR PECK - PECKS STATIONARY | Spiller Phone: (718) 353-3896 |
| Notifier Type: Responsible Party | Notifier Name: JOHN DOUGHTERY | Notifier Phone: (718) 545-4500 |
| Caller Name: SAM SOLA | Caller Agency: PETRO IN ASTORIA | Caller Phone: (718) 545-4500 |
| DEC Investigator: SMMARTIN | Contact for more spill info: MR PECK | Contact Person Phone: (718) 353-3896 |

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | | Penalty Recommended | |
|------------|---------------------|----------------|-------------------------|--|---------------------|--|
| 11/21/1995 | | HUMAN ERROR | NO | | NO | |

| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| #2 FUEL OIL | PETROLEUM | 1.00 | GALLONS | 1.00 | GALLONS | SOIL |

Caller Remarks: CALLER STATES THAT THERE WAS AN OVERFILL AT THE TANK AND THE ODOR WAS GETTING INTO THE STORE. OIL COMPANY IS GOING OVER TO CLEANUP PRODUCT

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "MARTINKAT"

Map Identification Number 243 **PECK STATIONARY** **Spill Number: 8908465** **Close Date: 12/08/1992**
 36-18 MAIN ST QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION ADDRESS CHANGE INFORMATION
 Site location mapped by: ADDRESS MATCHING Revised street: 3618 MAIN ST
 Approximate distance from property: 686 feet to the WNW Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL Spiller: MR. PECK (OWNER) Spiller Phone: (718) 353-3896
 Notifier Type: Responsible Party Notifier Name: Notifier Phone:
 Caller Name: BILL VALLEY Caller Agency: PETRO HEAT AND POWER Caller Phone: (718) 545-4500
 DEC Investigator: SIGONA Contact for more spill info: Contact Person Phone:

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | | Penalty Recommended | |
|------------|---------------------|-------------------|-------------------------|--|---------------------|--|
| 11/25/1989 | 12/08/1992 | EQUIPMENT FAILURE | UNKNOWN | | NO | |

| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| #2 FUEL OIL | PETROLEUM | 5.00 | GALLONS | 0.00 | GALLONS | SOIL |

Caller Remarks:

SPILL TEAM CLEANING UP SPILL.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 244 **1 LIBRARY PLAZA**
 MAIN ST

Spill Number: 9210844 **Close Date: 12/30/2003**
 FLUSHING, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 727 feet to the SSW

ADDRESS CHANGE INFORMATION
 Revised street: MAIN ST / KISSENA BLVD
 Revised zip code: 11355

| | | |
|--|------------------------------|-------------------------------|
| Source of Spill: COMMERCIAL/INDUSTRIAL | Spiller: COASTAL OIL | Spiller Phone: (718) 762-4200 |
| Notifier Type: Responsible Party | Notifier Name: | Notifier Phone: |
| Caller Name: MINI KWAITKOWSKI | Caller Agency: COASTAL OIL | Caller Phone: (718) 762-4200 |
| DEC Investigator: SJMILLER | Contact for more spill info: | Contact Person Phone: |

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | | Penalty Recommended | |
|------------|---------------------|-------------------|-------------------------|--|---------------------|--|
| 12/18/1992 | | EQUIPMENT FAILURE | NO | | NO | |

| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| #2 FUEL OIL | PETROLEUM | 2.00 | GALLONS | 0.00 | GALLONS | SOIL |

Caller Remarks:
 FILL LINE LEAKS TO BE LEAKING UNDER NEW BLOCK TOP-COASTAL TO CLEANUP

DEC Investigator Remarks:
 Prior to Sept, 2004 data translation this spill Lead_DEC Field was "MILLER"
 12/18/92 @1515HRS, MILLER SPOKE WITH JOHN MCCOURT OF COASTAL: LES THAN QUART OF "DRIED UP OIL"; THERE IS EVIDENCE OF CONSTRUCTION ACTIVITY - SIDEWALK IS BROKEN OUT AND ASPHALT PATCHED - COASTAL DRIVER NOTED LITTLE SEEPAGE DURING DELIVERY OF 500-GAL ORDER; HE STICKED TANK BEFORE AND AFTER DELIVERY BUT DID NOT NOTE "GROSS LEAK."
 12/18/92 @1535HRS, MILLER SPOKE WITH MR. WATER OF LIBRARY (445-0800): HE NOTED LESS THAN GALLON OF DRIED UP OIL; SPECULATES THAT CONSTRUCTION ON MAIN STREET MAY HAVE DAMAGED FILL PIPE; HE HAS NOTIFIED ENGINEERING DEPT AND WILL GET UPDATE BY NEXT MONDAY.

LIBRARY WAS SUBSEQUENTLY RAZED AND REBUILT INCLUDING EXCAVATION.

Map Identification Number 245 **3620 BOWNE ST**
 3620 BOWNE ST

Spill Number: 9808229 **Close Date: 10/05/1998**
 FLUSHING, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 739 feet to the NE

ADDRESS CHANGE INFORMATION
 Revised street: NO CHANGE
 Revised zip code: NO CHANGE

| | | |
|-------------------------------------|---|--------------------------------------|
| Source of Spill: COMMERCIAL VEHICLE | Spiller: MARK VALENTI - GOTHAM PETROLEUM | Spiller Phone: (718) 389-8100 |
| Notifier Type: Responsible Party | Notifier Name: WALTER CARR | Notifier Phone: (718) 389-8100 |
| Caller Name: MARK VALENTI | Caller Agency: GOTHAM PETROLEUM | Caller Phone: (718) 389-8100 |
| DEC Investigator: JXZHAO | Contact for more spill info: MARK VALENTI | Contact Person Phone: (718) 389-8100 |

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | | Penalty Recommended | |
|------------|---------------------|-------------------|-------------------------|--|---------------------|--|
| 10/05/1998 | | EQUIPMENT FAILURE | NO | | NO | |

| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| #6 FUEL OIL | PETROLEUM | 10.00 | GALLONS | 10.00 | GALLONS | SOIL |

Caller Remarks: faulty hose onto side of building and sidewalk being cleaned up now

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ZHAO"
 ED GUARI SAID IT A SMALL SPILL ON CONCRETE.

Map Identification Number 246 **MAIN ST/NORTHERN BLVD**
 MAIN ST & NORTHERN BLVD

Spill Number: 9513566 **Close Date: 01/26/1996**
 FLUSHING, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 752 feet to the WNW

ADDRESS CHANGE INFORMATION
 Revised street: MAIN ST / NORTHERN BLVD
 Revised zip code: NO CHANGE

| | | |
|-------------------------------------|---|--------------------------------------|
| Source of Spill: COMMERCIAL VEHICLE | Spiller: PAUL SCAROLA - BAERENKLAU FUEL | Spiller Phone: (718) 647-4200 |
| Notifier Type: Responsible Party | Notifier Name: DRIVER | Notifier Phone: |
| Caller Name: PAUL SCAROLA | Caller Agency: BAERENKLAU FUEL | Caller Phone: (718) 647-4200 |
| DEC Investigator: JMKRIMGO | Contact for more spill info: PAUL SCAROLA | Contact Person Phone: (718) 647-4200 |

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | | Penalty Recommended | |
|------------------|---------------------|-------------------|-------------------------|--------------------|---------------------|----------------------|
| 01/26/1996 | | EQUIPMENT FAILURE | NO | | NO | |
| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
| #2 FUEL OIL | PETROLEUM | 3.00 | GALLONS | 3.00 | GALLONS | SOIL |

Caller Remarks: pump on truck let loose causing spill onto pavement. clean up was done by spill crew with dryzol.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "KRIMGOLD"

Map Identification Number 247 **135-29 NORTHERN BLVD** **Spill Number: 9604233** **Close Date: 12/20/1999**
 135-29 NORTHERN BLVD QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 806 feet to the WNW

ADDRESS CHANGE INFORMATION
 Revised street: 13529 NORTHERN BLVD
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL Spiller: TOM HUANG - TOM HUANG Spiller Phone: (718) 961-6100
 Notifier Type: Local Agency Notifier Name: NYC MAYORS OFFICE Notifier Phone:
 Caller Name: ANTHONY SIGONA Caller Agency: NYSDEC Caller Phone: (718) 482-4933 ext. 7
 DEC Investigator: SIGONA Contact for more spill info: TOM HUANG Contact Person Phone: (718) 961-6100

Spill Class: KNOWN RELEASE THAT CREATES POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;UNKNOWN RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | PBS # Involved | Meets Cleanup Standards | | Penalty Recommended |
|------------------|---------------------|-------------------|----------------|-------------------------|---------|----------------------|
| 06/27/1996 | 12/20/1999 | EQUIPMENT FAILURE | 2-603918 | YES | | NO |
| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
| #4 FUEL OIL | PETROLEUM | 1000 | GALLONS | 0 | GALLONS | SOIL |
| HYDRAULIC OIL | OTHER | 110.00 | GALLONS | 0.00 | GALLONS | SOIL |

Caller Remarks: OIL CONTAINED IN BAULT DEC SIGONA RESPONDED AND MEASURED 106.9 GAL - OWNER AGREED TO PUMP OIL INTO DRUMS.(GEORGE JAKOBS)WILL TEST OIL FOR PLAS AND METALS AND OIL WILL BE DISPOSEDAS SOON AS LAB RESULTS ARE AVAILABLE.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 248 **MH 11372**
 PRINCE ST/ROOSEVELTE AV

Spill Number: 0208126 **Close Date: 04/28/2003**
 QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 956 feet to the SW

ADDRESS CHANGE INFORMATION
 Revised street: PRINCE ST / ROOSEVELT AVE
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL
 Notifier Type: Responsible Party
 Caller Name:
 DEC Investigator: AERODRIG

Spiller: CON EDISON
 Notifier Name:
 Caller Agency:
 Contact for more spill info: MARK SCHLAGEL

Spiller Phone: (212) 580-6763
 Notifier Phone:
 Caller Phone:
 Contact Person Phone: (212) 580-6763

Spill Class: POSSIBLE REL WITH MIN POTENTIAL FOR FIRE OR HAZARD (OR KNOWN REL W/ NO DAMAGE);NO DEC RESP;WILLING RP;CORR ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|-------------------|-------------------------|---------------------|
| 11/05/2002 | | EQUIPMENT FAILURE | NO | NO |

| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| DIELECTRIC FLUID | PETROLEUM | 1.00 | GALLONS | 0.00 | GALLONS | SOIL |

Caller Remarks:

faulty joint. samples taken clean up pending. there is default in teh hole ref #145915.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "RODRIGUEZ"
 Con Ed e2mis #145915:

11/05/02=1250HRS MOSCICKI #14089 U/G REPORTS FOUND APPROX 1-PINT OF DIELECTRIC FLUID THAT SPILLED FROM MECH I/2 JOINT ONTO 1' BY 3' AREA OF MUD IN MH-11372. FEEDER 7Q85. IT APPEARS TO BE CONTAINED AT THIS TIME NO SEWERS OR WATERWAYS EFFECTED. NO FIRE OR SMOKE OR PRIVATE PROPERTY INVOLVED. D-FAULT #121 PLACED. NOTIFIED FEEDER REP. 1-SOLID SAMPLE TAKEN UNABLE TO TAKE LIQUID SAMPLE. ENVIR TAG#32452 PLACED. INCIDENT WILL NOT BE PUT ON 24HRS DEC PROGRAM DUE TO,SOLID SAMPLE & D-FAULT.

11/05/02 1324HRS CIG M.SCHLAGEL NOTIFIED

LAB RESULT RECEIVED 11/5/02 - 2045. 02-10398. <1.0 PPM. TJ - 50495

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TIBBE"
 Damaged transmission. Spill contained and cleaned by NYCT.

Map Identification Number 250 C-HATTAN INC. (APTS)
 142-27 BARCLAY AVE

Spill Number: 9601513 Close Date: 04/30/1996
 FLUSHING, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 999 feet to the SE

ADDRESS CHANGE INFORMATION

Revised street: 14227 BARCLAY AVE
 Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER
 Notifier Type: Other
 Caller Name: ROBERT CABASSA
 DEC Investigator: JMKRIMGO

Spiller: C. HATTAN INC.-OWNER - C-HATTAN INC. (APTS)
 Notifier Name: DRIVER
 Caller Agency: MB TRUCKING CO
 Contact for more spill info: C. HATTAN INC.-OWNER

Spiller Phone: (718) 989-3643
 Notifier Phone: (0) -
 Caller Phone: (718) 328-3275
 Contact Person Phone: (718) 989-3643

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|-------------------|-------------------------|---------------------|
| 04/30/1996 | | EQUIPMENT FAILURE | NO | NO |

| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| #4 FUEL OIL | PETROLEUM | 5.00 | GALLONS | 5.00 | GALLONS | SOIL |

Caller Remarks: measuring well has a problem - syas that there is more room than there really is

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "KRIMGOLD"
 CLEANED UP PETRO TANK CLEANERS - JOHN SCHREIBER (212) 721-0251

Map Identification Number 251 142-27 BARCLAY AVE
 142-27 BARCLAY AVE

Spill Number: 9516527 Close Date: 03/23/1996
 QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 999 feet to the SE

ADDRESS CHANGE INFORMATION

Revised street: 14227 BARCLAY AVE
 Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER Spiller: ROBERT CABASSA - HUNTS POINT FUEL Spiller Phone: (718) 893-3100
 Notifier Type: Fire Department Notifier Name: FF SMITH Notifier Phone: (917) 769-0483
 Caller Name: FF SMITH Caller Agency: NEW YORK CITY HAZ MAT Caller Phone: (917) 769-0483
 DEC Investigator: TOMASELLO Contact for more spill info: C. HATTAN INC.-OWNER Contact Person Phone:

Spill Class: KNOWN RELEASE THAT CREATES POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | | Penalty Recommended | |
|------------|---------------------|----------------|-------------------------|--|---------------------|--|
| 03/22/1996 | | TANK OVERFILL | NO | | NO | |

| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| #4 FUEL OIL | PETROLEUM | 100.00 | GALLONS | 85.00 | GALLONS | SOIL |

Caller Remarks: OVERFILL INTO BASEMENT (NO DRAINS) - FDNY RECOVERING WHAT THEY CAN

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 252 **138-22 35TH AVE/QUEENS** **Spill Number: 9000762** **Close Date: 04/23/1990**
 138-22 35TH AVENUE NEW YORK CITY, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 1027 feet to the N

ADDRESS CHANGE INFORMATION
 Revised street: 13822 35TH AVENUE
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL Spiller: SAFETY KLEEN Spiller Phone:
 Notifier Type: Responsible Party Notifier Name: Notifier Phone:
 Caller Name: RICHARD HARTMAN Caller Agency: SAFETY KLEEN Caller Phone: (718) 479-0653
 DEC Investigator: WILSON Contact for more spill info: Contact Person Phone:

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | | Penalty Recommended | |
|------------|---------------------|----------------|-------------------------|--|---------------------|--|
| 04/20/1990 | 04/23/1990 | HUMAN ERROR | UNKNOWN | | NO | |

| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
|-------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| FREON | OTHER | 0 | UNKNOWN | 0 | UNKNOWN | SOIL |
| UNKNOWN PETROLEUM | PETROLEUM | 2.00 | GALLONS | 0.00 | GALLONS | SOIL |

Caller Remarks:

15GAL DRUM FELL OFF BACK OF TRUCK, SPEEDY DRY WAS APPLIED & PICKED UP.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 253 **136-66 35TH AVE/QUEENS**
 136-66 35TH AVENUE

Spill Number: 8909311
 NEW YORK CITY, NY NO ZIP PROVIDED

Close Date: 12/23/1989

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 1033 feet to the NNW

ADDRESS CHANGE INFORMATION
 Revised street: 13666 35TH AVENUE
 Revised zip code: NO CHANGE

Source of Spill: TANK TRUCK
 Notifier Type: Responsible Party
 Caller Name: EMELIA BOVI
 DEC Investigator: TOMASELLO

Spiller: A J S STANDARD
 Notifier Name:
 Caller Agency: ASF STANDARD
 Contact for more spill info:

Spiller Phone:
 Notifier Phone:
 Caller Phone: (718) 762-3835
 Contact Person Phone:

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | | Penalty Recommended | |
|------------|---------------------|-------------------|-------------------------|--|---------------------|--|
| 12/23/1989 | 12/23/1989 | EQUIPMENT FAILURE | UNKNOWN | | NO | |

| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| #2 FUEL OIL | PETROLEUM | 20.00 | GALLONS | 0.00 | GALLONS | SOIL |

Caller Remarks:

PUT PADS DOWN, NYCPD, NYCFD & EPA ON SCENE, NO CALL BACK NEEDED.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 254 **143-54 ROOSEVELT AVE**
 143-54 ROOSEVELT

Spill Number: 9412751
 FLUSHING, NY NO ZIP PROVIDED

Close Date: 12/23/1994

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 1048 feet to the E

ADDRESS CHANGE INFORMATION
 Revised street: 14354 ROOSEVELT AVE
 Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING
 Notifier Type: Responsible Party
 Caller Name: PAUL LOSQUADRO
 DEC Investigator: JMKRIMGO

Spiller: SAME
 Notifier Name:
 Caller Agency: VIJAX FUEL CORP
 Contact for more spill info:

Spiller Phone:
 Notifier Phone:
 Caller Phone: (718) 497-4491
 Contact Person Phone:

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | | Penalty Recommended | |
|------------|---------------------|----------------|-------------------------|--|---------------------|--|
| 12/23/1994 | 12/23/1994 | TANK OVERFILL | UNKNOWN | | NO | |

| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| #2 FUEL OIL | PETROLEUM | 5.00 | GALLONS | 0.00 | GALLONS | SOIL |

Caller Remarks: 3000 GAL WERE ORDERED-ONLY 2000 GAL TANK - RECOVERED WITH SPEEDY DRY.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "KRIMGOLD"

Map Identification Number 255 **143-20 37TH AVENUE**
 143-20 37TH AVENUE

Spill Number: 9502493 **Close Date: 05/30/1995**
 FLUSHING, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 1085 feet to the ENE

ADDRESS CHANGE INFORMATION
 Revised street: 14320 37TH AVENUE
 Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING
 Notifier Type: Responsible Party
 Caller Name: JANET MATOS
 DEC Investigator: SMMARTIN

Spiller: CASTLE OIL
 Notifier Name:
 Caller Agency: CASTLE OIL
 Contact for more spill info:

Spiller Phone:
 Notifier Phone:
 Caller Phone: (718) 579-3413
 Contact Person Phone:

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | | Penalty Recommended | |
|------------|---------------------|-------------------|-------------------------|--|---------------------|--|
| 05/30/1995 | 05/30/1995 | EQUIPMENT FAILURE | UNKNOWN | | NO | |

| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| #4 FUEL OIL | PETROLEUM | -1.00 | GALLONS | 0.00 | GALLONS | SOIL |

Caller Remarks: DEFECTIVE GAUGE CAUSED SPILL ON GRASSY AREA, REAR OF BUILDING.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "MARTINKAT"

Map Identification Number 256

143-40 41ST AV

Spill Number: 0111299
 FLUSHING, NY NO ZIP PROVIDED

Close Date: 07/09/2003

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 1152 feet to the ESE

ADDRESS CHANGE INFORMATION

Revised street: 14340 41ST AV
 Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING
 Notifier Type: Responsible Party
 Caller Name:
 DEC Investigator: SMSANGES

Spiller: DENNIS FARLEY - MYSTIC TRANSPORTATION
 Notifier Name:
 Caller Agency:
 Contact for more spill info: TONY PERETTA

Spiller Phone: (917) 217-8835
 Notifier Phone:
 Caller Phone:
 Contact Person Phone: (718) 932-9075

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|-------------------|-------------------------|---------------------|
| 02/28/2002 | | EQUIPMENT FAILURE | NO | NO |

| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| #4 FUEL OIL | PETROLEUM | 30.00 | GALLONS | 0.00 | GALLONS | SOIL |

Caller Remarks:

caller states spill due to pump failure on the truck - being cleaned up st this time

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "SANGESLAND"

Map Identification Number 257

133-38 41ST AVE

Spill Number: 0003575
 FLUSHING, NY NO ZIP PROVIDED

Close Date: 05/03/2004

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 1159 feet to the SSW

ADDRESS CHANGE INFORMATION

Revised street: 13338 41ST AVE
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL
 Notifier Type: Citizen
 Caller Name:
 DEC Investigator: RWAUSTIN

Spiller:
 Notifier Name:
 Caller Agency:
 Contact for more spill info:

Spiller Phone:
 Notifier Phone:
 Caller Phone:
 Contact Person Phone:

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | | Penalty Recommended | | |
|-------------------|---------------------|------------------|-------------------------|--------------------|---------------------|----------------------|--|
| 06/22/2000 | | DELIBERATE | NO | | NO | | |
| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected | |
| AUTO WASTE FLUIDS | PETROLEUM | 0 | GALLONS | 0 | GALLONS | SOIL | |

Caller Remarks:

caller states that the above body shop deliberately dump all type of auto waste fluids into the street in the course of their business.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "AUSTIN"
5/3/04 - AUSTIN - ORIG. ASSIGNED TO SACCACIO - ANON. COMPLAINT ON DUMPING EVENT FROM 4 YRS AGO - CLOSED - END

Map Identification Number 258 **143-11 BARCLAY AVE** **Spill Number: 9309104** **Close Date: 10/27/1993**
143-11 BARCLAY AVENUE FLUSHING, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1197 feet to the ESE

ADDRESS CHANGE INFORMATION
Revised street: 14311 BARCLAY AVENUE
Revised zip code: NO CHANGE

| | | |
|--|------------------------------|------------------------------|
| Source of Spill: COMMERCIAL/INDUSTRIAL | Spiller: A.L. EASTMOND | Spiller Phone: |
| Notifier Type: Responsible Party | Notifier Name: | Notifier Phone: |
| Caller Name: MARK SALAMACK | Caller Agency: A.L. EASTMOND | Caller Phone: (718) 378-3000 |
| DEC Investigator: CAMMISA | Contact for more spill info: | Contact Person Phone: |

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | | Penalty Recommended | | |
|------------------|---------------------|------------------|-------------------------|--------------------|---------------------|----------------------|--|
| 10/27/1993 | 10/27/1993 | TANK OVERFILL | UNKNOWN | | NO | | |
| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected | |
| #6 FUEL OIL | PETROLEUM | -20.00 | GALLONS | 0.00 | GALLONS | SOIL | |

Caller Remarks:

CONTAINED IN BOILER RM - CLEAN UP UNDER WAY - VAC & WASH.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

| | | | |
|--|---|--|-------------------------------|
| Map Identification Number 259 | 143-55 41ST AVE 143-55 41ST AVE | Spill Number: 9509502 FLUSHING, NY NO ZIP PROVIDED | Close Date: 11/01/1995 |
| MAP LOCATION INFORMATION | | ADDRESS CHANGE INFORMATION | |
| Site location mapped by: ADDRESS MATCHING | | Revised street: 14355 41ST AVE | |
| Approximate distance from property: 1199 feet to the ESE | | Revised zip code: NO CHANGE | |
| Source of Spill: PRIVATE DWELLING | Spiller: SAME AS CALLER | Spiller Phone: | |
| Notifier Type: Responsible Party | Notifier Name: MICHAEL HELFONT | Notifier Phone: | |
| Caller Name: JOHN GOODWIN | Caller Agency: MYSTIC BULK CARRIERS INC | Caller Phone: (718) 932-9075 | |
| DEC Investigator: LUCE | Contact for more spill info: | Contact Person Phone: | |

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 11/01/1995 | | TANK OVERFILL | NO | NO |

| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| #4 FUEL OIL | PETROLEUM | 10.00 | GALLONS | 0.00 | GALLONS | SOIL |

Caller Remarks: CALLER COMPANY SUPPOSEDLY WERE FILLING A 10,000 GAL TANK AND IT ENDED UP BEING A 7,500 GAL TANK. BEING CLEANED UP WITH SPEEDI-DRI NOW.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

| | | | |
|--|--|--|-------------------------------|
| Map Identification Number 260 | 134-23 NORTHERN BLVD / PA 134-23 NORTHERN BLVD | Spill Number: 8605142 NEW YORK, NY NO ZIP PROVIDED | Close Date: 11/12/1986 |
| MAP LOCATION INFORMATION | | ADDRESS CHANGE INFORMATION | |
| Site location mapped by: ADDRESS MATCHING | | Revised street: 13423 NORTHERN BLVD | |
| Approximate distance from property: 1258 feet to the WNW | | Revised zip code: NO CHANGE | |

Source of Spill: UNKNOWN Spiller: UNKNOWN Spiller Phone:
 Notifier Type: Federal Government Notifier Name: Notifier Phone:
 Caller Name: Caller Agency: Caller Phone:
 DEC Investigator: UNASSIGNED Contact for more spill info: Contact Person Phone:

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 11/12/1986 | 11/12/1986 | ABANDONED DRUM | UNKNOWN | NO |

NO MATERIAL INFORMATION GIVEN FOR THIS SPILL

Caller Remarks:

TWENTY 12-GALLON DRUMS OF ETHER. DEPT. OF EMERGENCY PREPAREDNESS, AND FIRE DEPT. ON THE SCENE.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was " "
 10/10/95: This is additional information about material spilled from the translation of the old spill file: ETHER ACETONE.

Map Identification Number 261 SHELL STATION Spill Number: 9613836 Close Date: 12/29/2003
 141-54 NORTHERN BLVD FLUSHING, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (1)
 Approximate distance from property: 1281 feet to the NE

ADDRESS CHANGE INFORMATION

Revised street: 14154 NORTHERN BLVD
 Revised zip code: NO CHANGE

Source of Spill: GASOLINE STATION Spiller: BROOKS PERLEE - SHELL STATION Spiller Phone: (516) 365-2489
 Notifier Type: Responsible Party Notifier Name: DEC INSPECTOR Notifier Phone:
 Caller Name: BROOKS PERLEE Caller Agency: SHELL OIL Caller Phone: (516) 365-2489
 DEC Investigator: KMFOLEY Contact for more spill info: BROOKS PERLEE Contact Person Phone: (516) 365-2489

Spill Class: KNOWN RELEASE THAT CREATES POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|-------------------|-------------------------|---------------------|
| 02/25/1997 | | EQUIPMENT FAILURE | NO | NO |

| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| GASOLINE | PETROLEUM | 0 | GALLONS | 0 | GALLONS | SOIL |

Caller Remarks: LOOSE FITTING BENEATH DISPENSER / REPAIR HAS BEEN MADE / NO CLEAN UP

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "K FOLEY"
12/3/03 Reassigned from Sangesland to Foley.

12/29/03 To be investigated and remediated under spill #9702798. (KMF)

Map Identification Number 262 37-04 PARSONS BLVD Spill Number: 9600484 Close Date: 02/02/2004
37-04 PARSONS BLVD QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1294 feet to the ENE

ADDRESS CHANGE INFORMATION

Revised street: 3704 PARSONS BLVD
Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER
Notifier Type: Local Agency
Caller Name: MS WILLIAMS
DEC Investigator: RWAUSTIN

Spiller: UNKNOWN - UNKNOWN
Notifier Name: MR CULLEN
Caller Agency: DEP
Contact for more spill info: MR CULLEN

Spiller Phone:
Notifier Phone: (718) 445-1135
Caller Phone: (718) 595-6700
Contact Person Phone: (212) 614-3640

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | | Penalty Recommended | |
|------------|---------------------|----------------|-------------------------|--|---------------------|--|
| 04/10/1996 | | DELIBERATE | NO | | NO | |

| Material Spilled | Material Class | Quantity Spilled | | Quantity Recovered | | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| | | Units | | Units | | |
| #2 FUEL OIL | PETROLEUM | 0 | GALLONS | 0 | GALLONS | SOIL |

Caller Remarks: someone is dumping fuel oil in the yard behind the above addressdep req call from dec and dec to respond

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "AUSTIN"
2/2/04 - AUSTIN - HOUSEKEEPING COMPLAINT, W NO FURTHER INFO OR OTHER SPILL REPORTS - CLOSED - ORIG. ASSIGNED TO ENGELHARDT - END

Map Identification Number 263 VAULT 8645
 38TTH AVE PARSONS BLVD

Spill Number: 0300454 **Close Date: 07/18/2003**
 QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 1319 feet to the ENE

ADDRESS CHANGE INFORMATION
 Revised street: 38TH AV / PARSONS BLVD
 Revised zip code: NO CHANGE

| | | |
|--|-------------------------------------|-------------------------------|
| Source of Spill: COMMERCIAL/INDUSTRIAL | Spiller: SEAN MCKEEVER - CON ED | Spiller Phone: (212) 580-6763 |
| Notifier Type: Responsible Party | Notifier Name: | Notifier Phone: |
| Caller Name: | Caller Agency: | Caller Phone: |
| DEC Investigator: AERODRIG | Contact for more spill info: CALLER | Contact Person Phone: |

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|-------------------|-------------------------|---------------------|
| 04/13/2003 | | EQUIPMENT FAILURE | NO | NO |

| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| TRANSFORMER OIL | PETROLEUM | 3.00 | GALLONS | 0.00 | GALLONS | SOIL |

Caller Remarks:

transformer leaked unk on clean up con ed#147877

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "RODRIGUEZ"
 e2mis 147877

4-13-03 1640 HRS R. THORNGREN # 14916 SPLICER NETWORK REPORTS WHILE INSPECTING TRANSF IN VS8645 N/S 38 AVE 308' W/O PARSONS

BLVD HE FOUND APPROX 3 GALLONS OIL ON 20 GALLONS WATER THAT LOOKS (SMELL LIKE) TO (OIL) HAVE LEAKED FROM TRANSF. HE WAS UNABLE TO PRESSURE TEST OR MAKE A GOOD INSPECTION OF UNIT AT THIS (UNSAFE) DUE TO UNIT BEING BELOW MIN. THIS UNIT IS ON FEEDER 7Q83 AND WAS REQUESTED OFF ON EMERG ON PRIORITY # 1. HISTORICAL RECORD OF TRANSF IS 10 PPM AND WAS LAST TESTED 3-8-90. THERE WAS A SUMP PUMP IN STRUCTURE (WAS NOT RUNNING) WHICH HE DISABLED. HE DID NOT SEE ANY SIGNS OF OIL IN SUMP PUMP SEWER CONNECTION AT THIS TIME. HE WILL GIVE A BETTER INSPECTION WHEN STRUCTURE (FDR COME OFF) IS SAFE. THERE WAS NO FIRE OR SMOKE AT THIS LOCATION FROM THIS SPILL. NO PRIVATE PROPERTY AFFECTED. NO INJURIES. HE SEE A CONCRETE SUMP. HE WILL TAKE A SAMPLE FROM EITHER THE SPILL OR

THE TRANSF IF TRANSF FAILS PRESSURE TESTED. WHEN HE TAKE A SAMPLE HE WILL REQUEST EMERG PRIORITY FOR PCB SAMPLE

RESULT. CLEANUP PENDING HIS INSPECTION OF UNIT. HE PLACED E.S.TAG # 29678 CHAIN OF CUSTODY # CC15889. NO PARKING

0900 HRS TO 1030 HRS THURSDAY.

UPDATE 4/14/03 08:30 HRS. -- J. GRANT #89487 OF EQUIPMENT GROUP REPORTS HE WAS SENT TO LOCATION TO PRESSURE TEST UNIT AND TAKE OIL SAMPLE. HE FOUND THE NETWORK PROTECTOR FULL OF OIL, THEREFORE DID NOT DO PRESSURE TEST SINCE IT WOULD JUST PUSH OIL OUT INTO STRUCTURE. HE TOOK AN OIL SAMPLE FROM THE TRANSFORMER AND WILL DELIVER IT TO CHEM LAB FOR PCB TEST. -- W.W.

4/14/03 13:02 HRS. -- LAB SEQ # 03-03042, 3 PPM, AROCLOR 1260. --

4/15/03 13:30 HRS. -- J. RUTIGLIANO OF QUEENS ENV. OPS. REPORTS UNIT WAS REMOVED HE DOUBLE-WASHED STRUCTURE WITH BIOGEN 760, FOUND SUMP ALREADY CEMENTED, AND REMOVED ENV STOP TAG #29678. CLEANUP 100% COMPLETE.

Map Identification Number 264 **37-01 COLLEGE PT AVE**
 37-01 COLLEGE PT AVE

Spill Number: 9106512 **Close Date: 09/18/1991**
 FLUSHING, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 1538 feet to the WSW

ADDRESS CHANGE INFORMATION
 Revised street: 3701 COLLEGE POINT BLVD
 Revised zip code: NO CHANGE

Source of Spill: MAJOR OIL FACILITY (>400,000 GAL)
 Notifier Type: Responsible Party
 Caller Name: GARLAND MCARDLE
 DEC Investigator: KSTANG

Spiller:
 Notifier Name:
 Caller Agency: COASTAL OIL
 Contact for more spill info:

Spiller Phone:
 Notifier Phone:
 Caller Phone: (718) 746-2412
 Contact Person Phone:

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | | Penalty Recommended | |
|------------------|---------------------|-------------------|-------------------------|--------------------|---------------------|----------------------|
| 09/17/1991 | 09/18/1991 | EQUIPMENT FAILURE | UNKNOWN | | NO | |
| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
| #6 FUEL OIL | PETROLEUM | 200.00 | GALLONS | 0.00 | GALLONS | SOIL |

Caller Remarks:

BROKE DECK HOSE, CONTAINED ON BLACKTOP.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TANG"
 / / : COASTAL DOING CLEANUP.

Map Identification Number 265 **3630 COLLEGE PT. BLVD**
 3630 COLLEGE PT. BLVD

Spill Number: 9305224 **Close Date: 10/24/2001**
 FLUSHING, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 1585 feet to the W

ADDRESS CHANGE INFORMATION
 Revised street: 3630 COLLEGE POINT BLVD
 Revised zip code: 11355

Source of Spill: COMMERCIAL/INDUSTRIAL
 Notifier Type: DEC
 Caller Name: GRIFFIN
 DEC Investigator: SMSANGES

Spiller: HAUL OF METRO NY
 Notifier Name:
 Caller Agency: NYC DEC
 Contact for more spill info:

Spiller Phone:
 Notifier Phone:
 Caller Phone: (718) 482-6452
 Contact Person Phone:

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | | Penalty Recommended | |
|-------------------------------|---------------------|------------------|-------------------------|--------------------|---------------------|----------------------|
| 07/28/1993 | | HOUSEKEEPING | NO | | NO | |
| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
| WASTE OIL/USED OIL (NOT FUEL) | PETROLEUM | 0 | POUNDS | 0 | POUNDS | SOIL |

Caller Remarks:

SLOPPY HOUSE KEEPING AROUND US WASTE OIL TANK - SEVERAL 55 GALLONS DRUMS LEAKING ALSO AROUND WASTE OIL TANK AREA.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "SANGESLAND"
 ORIGINALLY ASSIGNED TO GRIFFIN

UHaul Center # 803-82

10/23/2001 Sangesland met with David Winslow of ATC Associates (212-353-8280) to discuss several U-Haul sites.

Test results from this site (College Pt. Blvd) indicate several quarterly monitoring rounds where the VOC's and SVOC's are either VERY minor or Non Detect. Of 10 wells on site MTBE in 9wells are below 50 ppb, one well has MTBE between 60 and 96 ppb.

10/24/2001 "No Further Action" letter sent by NYSDEC

Map Identification Number 266 **143-30 SANFORD AVE**
 143-30 SANFORD AVE

Spill Number: 9203775 **Close Date: 07/01/1992**
 FLUSHING, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 1605 feet to the ESE

ADDRESS CHANGE INFORMATION
 Revised street: 14330 SANFORD AVE
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL
 Notifier Type: Other
 Caller Name: D WILLIAMS
 DEC Investigator: KSTANG

Spiller: EMPIRE STATE FUEL
 Notifier Name:
 Caller Agency: AL EASTMOND
 Contact for more spill info:

Spiller Phone: (718) 627-5100
 Notifier Phone:
 Caller Phone: (212) 378-3000
 Contact Person Phone:

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 07/01/1992 | 07/01/1992 | TANK OVERFILL | UNKNOWN | NO |

| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| #4 FUEL OIL | PETROLEUM | 100.00 | GALLONS | 0.00 | GALLONS | SOIL |

Caller Remarks:

CALLER VAC & APPLIED SORBENT.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TANG"

Map Identification Number 267 **ATLANTIC FUEL/COLLEGE PT**
 37-02 COLLEGE PT BLVD

Spill Number: 8803431
 NEW YORK CITY, NY NO ZIP PROVIDED

Close Date: 07/21/1988

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (1)
 Approximate distance from property: 1624 feet to the WSW

ADDRESS CHANGE INFORMATION

Revised street: 3702 COLLEGE POINT BLVD
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL
 Notifier Type: Responsible Party
 Caller Name: MR WORTZ
 DEC Investigator: SULLIVAN

Spiller: ATLANTIC FUEL MRKTNG
 Notifier Name:
 Caller Agency: USCG
 Contact for more spill info:

Spiller Phone: (718) 353-1030
 Notifier Phone:
 Caller Phone: (212) 668-7936
 Contact Person Phone:

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 07/20/1988 | 07/21/1988 | TANK OVERFILL | UNKNOWN | NO |

| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| #2 FUEL OIL | PETROLEUM | 500.00 | GALLONS | 0.00 | GALLONS | SURFACE WATER |

Caller Remarks:

INVESTIGATION & CLEAN-UP SUPERVISED BY DEC(SULLIVAN).

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 268 **37-02 COLLEGE PT BL /QUNS**
 37-02 COLLEGE PT. BLVD

Spill Number: 8707613
 NEW YORK CITY, NY NO ZIP PROVIDED

Close Date: 12/05/1987

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (1)
 Approximate distance from property: 1624 feet to the WSW

ADDRESS CHANGE INFORMATION

Revised street: 3702 COLLEGE POINT BLVD
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL
 Notifier Type: Responsible Party
 Caller Name:
 DEC Investigator: RWAUSTIN

Spiller: ATLANTIC FUEL
 Notifier Name:
 Caller Agency:
 Contact for more spill info:

Spiller Phone: (718) 353-1030
 Notifier Phone:
 Caller Phone:
 Contact Person Phone:

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 12/04/1987 | 12/05/1987 | TANK OVERFILL | UNKNOWN | NO |

| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| KEROSENE | PETROLEUM | 500.00 | GALLONS | 0.00 | GALLONS | SOIL |

Caller Remarks:

SPILL CONTAINED IN DRAIN SYSTEM HOLDING POND, SYSTEM BEING FLUSHED, DEC (AUSTIN) RESPONDED AND SUPERVISED CLEAN UP.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "AUSTIN"

Map Identification Number 269 **BLAND** **Spill Number: 9106879** **Close Date: 06/08/1994**
 40-21 COLLEGE PT BLVD FLUSHING, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 1731 feet to the SW

ADDRESS CHANGE INFORMATION
 Revised street: 4021 COLLEGE POINT BLVD
 Revised zip code: 11354

| | | |
|--|------------------------------|------------------------------|
| Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER | Spiller: NYCHA | Spiller Phone: |
| Notifier Type: Responsible Party | Notifier Name: | Notifier Phone: |
| Caller Name: RICHIE MELVILLE | Caller Agency: NYCHA | Caller Phone: (212) 306-3229 |
| DEC Investigator: HEALY | Contact for more spill info: | Contact Person Phone: |

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | PBS # Involved | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|-------------------|----------------|-------------------------|---------------------|
| 09/26/1991 | 06/08/1994 | EQUIPMENT FAILURE | 2-475734 | UNKNOWN | NO |

| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| #4 FUEL OIL | PETROLEUM | 1000 | GALLONS | 0 | GALLONS | SOIL |

TANK TEST INFORMATION

| Tank Number | Tank Size | Tank Test Method | Leak Rate | Gross Leak or Failure |
|-------------|-----------|------------------|-----------|-----------------------|
| | | Unknown | 0.00 | UNKNOWN |

Caller Remarks:

RUPTURED SUCTION LINE. CONTAINED IN BOILER PLT. SUMP PUMPS SHUT DOWN.WINSTON CONTRACTING ENROUTE FOR CLEANUP & FURTHER

INVESTIGATION.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 270 **40TH RD. & COLLEGE POINT** **Spill Number: 8700103** **Close Date: 04/03/1987**
 40TH RD. & COLLEGE PT. NEW YORK CITY, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 1803 feet to the SW

ADDRESS CHANGE INFORMATION

Revised street: 40TH RD / COLLEGE PT BLVD
 Revised zip code: 11354

Source of Spill: UNKNOWN Spiller: N.Y.C.D.E.P. Spiller Phone:
 Notifier Type: Responsible Party Notifier Name: Notifier Phone:
 Caller Name: Caller Agency: Caller Phone:
 DEC Investigator: UNASSIGNED Contact for more spill info: Contact Person Phone:

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|-------------------|-------------------------|---------------------|
| 04/03/1987 | 04/03/1987 | EQUIPMENT FAILURE | UNKNOWN | NO |

NO MATERIAL INFORMATION GIVEN FOR THIS SPILL

Caller Remarks:

SEWER DEPARTMENT TRYING TO REPAIR.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was " "
 10/10/95: This is additional information about material spilled from the translation of the old spill file: HALF/ MILLION

Map Identification Number 271 **TALLMANS ISLAND REG #57** **Spill Number: 9607212** **Close Date: 09/09/1996**
 41ST AVE & LAWRENCE ST FLUSHING, QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (4)
 Approximate distance from property: 1978 feet to the SW

ADDRESS CHANGE INFORMATION

Revised street: 41ST AVE / LAWRENCE ST
 Revised zip code: UNKNOWN

Source of Spill: COMMERCIAL/INDUSTRIAL Spiller: MR MCAULIFFE - TALLMANS ISLAND REG #57 Spiller Phone: (718) 372-7193
 Notifier Type: Responsible Party Notifier Name: MR BONEY Notifier Phone: (718) 372-7193
 Caller Name: MR MCAULIFFE Caller Agency: DEP Caller Phone: (718) 372-7193
 DEC Investigator: WATER UNIT Contact for more spill info: MR MCAULIFFE Contact Person Phone: (718) 372-7193

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | | Penalty Recommended | |
|------------------|---------------------|-------------------|-------------------------|--------------------|---------------------|----------------------|
| 09/06/1996 | | EQUIPMENT FAILURE | NO | | NO | |
| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
| RAW SEWAGE | OTHER | 750000 | GALLONS | 0 | GALLONS | SURFACE WATER |

Caller Remarks: blocked valve spilled .077 million gals starting at 15:00hrsran until 19:30hrs

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 272 **41ST AVENUE; COLLEGE POIN** **Spill Number: 8607349** **Close Date: 03/04/1987**
 41ST AVE; COLLEGE PT. BLD NEW YORK CITY, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
 Site location mapped by: MANUAL MAPPING (4)
 Approximate distance from property: 1978 feet to the SW

ADDRESS CHANGE INFORMATION
 Revised street: 41ST AVE / COLLEGE POINT BLVD
 Revised zip code: 11355

| | | |
|--|------------------------------|----------------------------|
| Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER | Spiller: N.Y.C.D.E.P | Spiller Phone: (CAS) # -53 |
| Notifier Type: Responsible Party | Notifier Name: | Notifier Phone: |
| Caller Name: | Caller Agency: | Caller Phone: |
| DEC Investigator: UNASSIGNED | Contact for more spill info: | Contact Person Phone: |

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|-------------------|-------------------------|---------------------|
| 03/03/1987 | 03/04/1987 | EQUIPMENT FAILURE | UNKNOWN | NO |

NO MATERIAL INFORMATION GIVEN FOR THIS SPILL

Caller Remarks:

BLOCKAGE IN REGULATOR # 57 STILL BYPASSING.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was " "
 10/10/95: This is additional information about material spilled from the translation of the old spill file: BY-PASS

Map Identification Number 273 **COLLEGE PT BLVD, R'SVELT**
39-08 JANET PL

Spill Number: 9800087
FLUSHING, NY NO ZIP PROVIDED

Close Date: 02/06/2004

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (1)
Approximate distance from property: 2058 feet to the WSW

ADDRESS CHANGE INFORMATION

Revised street: 3908 JANET PL
Revised zip code: 11354

Source of Spill: UNKNOWN
Notifier Type: Local Agency
Caller Name: ROBERT KEPICH
DEC Investigator: MCTIBBE

Spiller: OWNER OF BELOW PREMISE
Notifier Name:
Caller Agency: NYC DEP
Contact for more spill info:

Spiller Phone:
Notifier Phone:
Caller Phone: (718) 595-6777
Contact Person Phone:

Spill Class: KNOWN RELEASE THAT CREATES POTENTIAL FOR FIRE OR HAZARD;HIGHLY IMPROBABLE

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 04/02/1998 | | DELIBERATE | NO | NO |

| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| DIESEL | PETROLEUM | 2000 | GALLONS | 0 | GALLONS | SURFACE WATER |

Caller Remarks: CALLER REPORTING A RELEASE OF PRODUCT. IT HAS AFFECTED LAND, SEWERAND THE BAY. CREW ENROUTE TO SITE.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TIBBE"
DEC CONTRACTOR CLEAN SURFACE LAND SPILL. SOME IMPACT TO SURFACE WATER THAT WAS UNRECOVERABLE. SEVERAL ABANDONED DRUMS HANDLED BY USEPA. CASE REFERED TO USCG UNDER OPA 90.

THE FOLLOWING CLOSED SPILLS FOR THIS CATEGORY WERE REPORTED BETWEEN 1/4 MILE AND 1/2 MILE FROM THE SUBJECT ADDRESS. THESE SPILLS WERE REPORTED TO BE LESS THAN 100 UNITS IN QUANTITY AND CAUSED BY: EQUIPMENT FAILURE, HUMAN ERROR, TANK OVERFILL, DELIBERATE SPILL, TRAFFIC ACCIDENT, HOUSEKEEPING, ABANDONED DRUM, OR VANDALISM. THESE SPILLS ARE NEITHER MAPPED NOR PROFILED IN THIS REPORT.

| FACILITY ID | FACILITY NAME | STREET | CITY |
|-------------|----------------------|---------------------------|----------|
| 9904939 | VAULT 1160 | UNION ST & SANFORD AVE | QUEENS |
| 9904935 | VAULT 4075 | WEST OF UNION/SANFORD | QUEENS |
| 0503746 | BUS#4908 (ROADWAY) | SANFORD AVE/ KISSIANA BLV | QUEENS |
| 9815125 | 136-23 SANFORD AVE | 136-23 SANFORD AVE | FLUSHING |
| 0204049 | VAULT 227 | 41-60 MAIN ST | QUEENS |
| 9709905 | APARTMENT BLDG | 144-25 ROOSEVELT AV | FLUSHING |
| 9704074 | LINCOLN GARDENS COOP | 144-44 38TH AVENUE | FLUSHING |
| 9512420 | SANFORD AVE/BOWNE ST | SANFORD AVE @ BOWNE ST | FLUSHING |
| 0012681 | | 139-12 34TH RD | FLUSHING |

| | | | |
|---------|---------------------------|---------------------------|---------------|
| 0210457 | RESIDENTS | 139-12 34TH ROAD | FLUSHING |
| 9703318 | LATIMER GARDENS | 34-41 LINDEN PLACE | QUEENS |
| 9714102 | PARSON BLVD ASSOC | 41-08 PARSONS BLVD | FLUSHING |
| 9200118 | MOBIL S/S | 133-11 ROOSEVELT AVE. | QUEENS |
| 0101693 | | 140-33 34TH AVE | FLUSHING |
| 8809915 | 143-33 SANFORD AVE/QUEENS | 143-33 SANFORD AVENUE | NEW YORK CITY |
| 9515929 | BOWNE HOUSE REALTY CORP | 4237 UNION ST | FLUSHING |
| 9506320 | 4237 UNION STREET | 4237 UNION STREET | QUEENS |
| 0001170 | KOREAN ANTIQUE PUB | 3406 UNION STREET | NEW YORK |
| 8900243 | 35-06 PARSONS BLVD | 35-06 PARSONS BLVRD | FLUSHING |
| 9607852 | 39TH AVE/COLLEGE POINT BL | 39TH AVE/COLLEGE POINT BL | QUEENS |
| 9104642 | 143-30 SANDFORD AVE | 143-30 SANDFORD AVE | FLUSHING |
| 9504612 | 37-52 COLLEGE POINT BLVD | 37-52 COLLEGE POINT BLVD | FLUSHING |
| 9802482 | HAROS RESIDENCE | 143-45 SANFORD AVE | FLUSHING |
| 0312257 | APARTMENT BUILDING | 143 - 45 SANFORD AVE | QUEENS |
| 0007519 | | 143-45 SANFORD AVE | QUEENS |
| 9707942 | NICK HAROS REALTY | 143-45 SANFORD AVE | FLUSHING |
| 9830013 | 37-02 COLLEGE PT BLVD,LLC | 37-02 COLLEGE POINT BLVD | FLUSHING |
| 9813536 | 37-02 COLLEGE PT BLVD,LLC | 37-02 COLLEGE POINT BLVD | FLUSHING |
| 0205874 | TV 7378 | 35-32 COLLEGE POINT BLVD | COLLEGE POINT |
| 0205904 | MAN HOLE 14619 | 35-32 COLLEGE POINT BL | QUEENS |
| 0008962 | WILLETS POINT ASHPHALT | 35-32 COLLEGE POINT BLVD | COLLEGE POINT |
| 9516471 | 144-44 41ST AVE | 144-44 41ST AVE | QUEENS |
| 9709222 | BIRCHWOOD APTS | 144-44 41ST AVE | QUEENS |
| 0408255 | VAULT #VS-7753 | 35TH AVE & COLLINS PLACE | QUEENS |
| 0205718 | MANHOLE # 574 | COLLINS PL / 35TH AVE | QUEENS |
| 9910465 | MANHOLE #13565 | 41ST AVE/E OF PARSONS BLV | NEW YORK |
| 9704751 | BLAND HOUSES | 40-05 COLLEGE POINT BLVD | QUEENS |
| 9414958 | BLAND HOUSES | 40-05 COLLEGE POINT BLVD | QUEENS |
| 9411195 | BLAND | 40-05 COLLEGE POINT BLVD | QUEENS |
| 9709307 | LATTIMER GARDENS | 34-11 LINDEN PLACE | QUEENS |
| 9512034 | 41-37 PARSONS BLVD | 41-37 PARSONS BLVD | FLUSHING |
| 9111508 | BLAND HOUSES | 40-21 COLLEGE PT BLVD | FLUSHING |
| 8708774 | 133-01 SANFORD AVE/QUEENS | 133-01 SANFORD AVE | NEW YORK CITY |
| 0411276 | COLLEGE POINT | COLLEGE POINT BLVD/40TH R | QUEENS |
| 9704074 | LINCOLN GARDENS COOP | 144-44 38TH AVENUE | FLUSHING |
| 9809399 | FLUSHING SUBSTATION | COLLEGE PT BL & 35 AV | QUEENS |
| 9809886 | | 3319 FARRINGTON ST | FLUSHING |
| 8808815 | 3510 COLLEGE PT/QUEENS | 3510 COLLEGE POINT | NEW YORK CITY |
| 8704749 | 41ST AVE. & LAWRENCE ST./ | 41ST AVE.& LAWRENCE ST. | NEW YORK CITY |
| 9901506 | REGULATOR 57 | 41ST AV/LAWRENCE ST | QUEENS |
| 9810616 | REGULATOR 57 | 41ST AVE/LAWRENCE ST | QUEENS |
| 9607346 | VEH MAINTENANCE SHOP | 41ST AVE/COLLEGE POINT BL | QUEENS |
| 8709145 | REG#57 TALLMAN ISLAND/QUN | REG #57/TALLMAN ISLAND | NEW YORK CITY |
| 8605563 | 41ST AVENUE AND LAWRENCE | 41ST AVE. & LAWRENCE ST. | NEW YORK |
| 9411407 | TULLMAN ISLAND REGULATOR | 41 AVE AND COLLEGE PT. BL | NEW YORK |
| 9212831 | FLUSHING REG #57,L22 | FLUSHING REG # 57,L22 | FLUSHING |

| | | | |
|---------|---------------------------|---------------------------|---------------|
| 9611872 | TALLMAN ISLAND REG #57 | 40 1ST AVE & LAWREANCE ST | QUEENS |
| 9710992 | TALLMAN ISLAND REGULATOR | #57- | QUEENS |
| 0011652 | | 134-37 MAPLE AVE | FLUSHING |
| 9410376 | 134-02 33RD AVE | 134-02 33RD AVE | FLUSHING |
| 9910208 | 140-26 FRANKLIN AVE | 140-26 FRANKLIN AVENUE | FLUSHING |
| 9707312 | FLUSHING SUB-STATION | 3429 COLLEGE POINT BOULEV | FLUSHING |
| 0005674 | 3429 COLLEGE POINT BLVD | FLUSHING POINT STATION | QUEENS |
| 9507621 | 33-03 143RD ST | 33-03 143RD ST | FLUSHING |
| 0312779 | VAULT #6098 | FRANKLIN/KISSENA BLVD | QUEENS |
| 9612442 | RESI: HARSHI MGMT | 132-35 SANFORD AV | FLUSHING |
| 9709630 | 4225 MAY STREET | 4225 MAY STREET | QUEENS |
| 0209903 | MANHOLE #12863 | SAUL ST & MAPLE AV | QUEENS |
| 8605426 | TALLMANS ISLAND FAILS - 1 | 137TH ST & 32ND AVE | NEW YORK CITY |
| 9612112 | FARRINGTON YARD | 32AVE AND FARRINGTON ST | FLUSHING |
| 0009556 | FARRINGTON ST YARD | FARRINGTON ST / 32ND AV | BROOKLYN |
| 0201784 | TM6710 | ASH AV & BOWNE ST | QUEENS |
| 0401348 | VAULT # 5889 | 33RD AVE/PARSONS BLVD. | QUEENS |
| 0209869 | MANHOLE #12863 | 42-04 N. SAULL ST | QUEENS |
| 9515360 | WAREHOUSE | 133-38 32ND AVE | FLUSHING |
| 9510565 | 146-19 35TH AVE | 146-19 35TH AVE | FLUSHING |
| 0013548 | FARRINGTON ST YARD | 31ST RD & 32ND AVE | QUEENS |
| 9910338 | VAULT #VS0947 | DOWING ST & 32ND AV | FLUSHING |
| 9410439 | 4255 MAIN STREET | 4255 MAIN STREET | QUEENS |
| 9511251 | 34-07 146TH ST | 34-07 146TH ST | FLUSHING |
| 0111196 | APARTMENT BUILDING | 42-59 BOWNE ST | FLUSHING |
| 9504055 | CON EDISON | FARRINGTON STREET | FLUSHING |
| 9614435 | FARRINGTON YARD | 3143 FARRINGTON ST | QUEENS |
| 9500599 | 43-43 KISSENA BLVD | 43-43 KISSENA BLVD | FLUSHING |
| 0010006 | FARRINGTON FLUSH PIT | 31-33 FARRINGTON ST | QUEENS |
| 0009007 | APT COMPLEX | 42-49 COLDEN ST | FLUSHING |
| 9905220 | 147-37 38TH AVE | 147-37 38TH AVENUE | FLUSHING |
| 0111648 | SANFORD AV AND | HAIGHT ST | QUEENS |
| 0310795 | HESS STOP | 42-55 COLDEN STREET | QUEENS |
| 9112404 | 42-55 COLDEN ST | 42-55 COLDEN ST | FLUSHING |
| 9514510 | 35-07 147TH ST | 35-07 147TH ST | FLUSHING |
| 9005982 | 147-18 BARCLAY AVE/QUEENS | 147-18 BARCLAY AVENUE | NEW YORK CITY |



*** PETROLEUM BULK STORAGE FACILITIES LESS THAN 400,000 GALLONS IDENTIFIED WITHIN THE 1/4 MILE SEARCH RADIUS ***

PLEASE NOTE: * Compass directions can vary substantially for sites located very close to the subject property address.

Map Identification Number 274 109TH POLICE PRECINCT Facility Id 2-217565 Source: NYS DEC
 37-05 UNION STREET QUEENS, NY 11354

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 23 feet to the NE*

ADDRESS CHANGE INFORMATION
 Revised street: 3705 UNION STREET
 Revised zip code: NO CHANGE

Expiration Date of the facility's registration certificate: 10/15/2002
 Owner Name: CITY OF NEW YORK-POLICE DEPARTMENT/ASD
 Owner Address: ONE POLICE PLAZA, ROOM 800
 Operator Name: N.Y.C.P.D.
 Facility Type:

NEW YORK, NY 10007
 Facility Phone #: (718) 670-0300

| TANK NUMBER | TANK STATUS | TANK CONTENT | CAPACITY GALLONS | TANK LOCATION | INSTALL DATE | TEST DATE | CLOSE DATE |
|-------------|-------------------------|--------------------|------------------|---------------|--------------|------------|------------|
| 001 | CLOSED-RMVD FROM GROUND | UNLEADED GASOLINE | 550 | UNDERGROUND | 06/01/1963 | | 01/01/1995 |
| 002 | CLOSED-RMVD FROM GROUND | UNLEADED GASOLINE | 550 | UNDERGROUND | 06/01/1963 | | 01/01/1995 |
| 003 | CLOSED-RMVD FROM GROUND | UNLEADED GASOLINE | 550 | UNDERGROUND | 06/01/1963 | | 01/01/1995 |
| 004 | CLOSED-RMVD FROM GROUND | UNLEADED GASOLINE | 550 | UNDERGROUND | 06/01/1963 | | 01/01/1995 |
| 005 | IN SERVICE | #1 2 OR 4 FUEL OIL | 10000 | UNDERGROUND | 03/01/1970 | | |
| 006 | IN SERVICE | #1 2 OR 4 FUEL OIL | 2500 | UNDERGROUND | | 10/01/1998 | |
| 007 | IN SERVICE | UNLEADED GASOLINE | 4000 | UNDERGROUND | 03/01/1995 | | |
| 008 | IN SERVICE | DIESEL | 1000 | UNDERGROUND | 03/01/1995 | | |

Toxicity Information Summary

| CHEMICAL NAME | CAS-NO | ACUTE TOX | TUMOR TOX | MUTAG TOX | REPRO TOX | IRRIT TOX | MCL |
|-------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----|
| UNLEADED GASOLINE | 113373000 | X | X | | | X | |
| DIESEL | 68334305 | X | X | | | X | |

Map Identification Number 275 THE IMPERIAL **Facility Id 2-202193** **Source: NYS DEC**
 142-24 38TH AVE FLUSHING, NY 11354

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 153 feet to the ENE*

ADDRESS CHANGE INFORMATION
 Revised street: 14224 38TH AVE
 Revised zip code: NO CHANGE

Expiration Date of the facility's registration certificate: 07/20/2002
 Owner Name: ADAMS LLC/ADAM POKRZYWA
 Owner Address: 10 EAST LA
 Operator Name: STANLEY PIENKOS
 Facility Type: Apartment Building

MANHASSET HILLS, NY 11040
 Facility Phone #: (718) 461-3725

| TANK NUMBER | TANK STATUS | TANK CONTENT | CAPACITY GALLONS | TANK LOCATION | INSTALL DATE | TEST DATE | CLOSE DATE |
|-------------|-------------|------------------|------------------|-------------------------------|--------------|-----------|------------|
| 001 | IN SERVICE | #5 OR 6 FUEL OIL | 10000 | UNDERGROUND VAULTED W/ ACCESS | | | |

Map Identification Number 276 WILLIAMSBURG SAVINGS BANK **Facility Id 2-602326** **Source: NYS DEC**
 136-65 ROOSEVELT AVENUE FLUSHING, NY 11354

MAP LOCATION INFORMATION
 Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 214 feet to the SSE

ADDRESS CHANGE INFORMATION
 Revised street: 13665 ROOSEVELT AVENUE
 Revised zip code: NO CHANGE

Expiration Date of the facility's registration certificate: 07/07/2005
 Owner Name: REPUBLIC SAVINGS BANK
 Owner Address: 452 FIFTH AVENUE
 Operator Name: ANTHONY J. MALANDRO
 Facility Type:

NEW YORK, NY 10018
 Facility Phone #: (718) 961-9100

| TANK NUMBER | TANK STATUS | TANK CONTENT | CAPACITY GALLONS | TANK LOCATION | INSTALL DATE | TEST DATE | CLOSE DATE |
|-------------|-------------|--------------------|------------------|---------------|--------------|------------|------------|
| 01 | IN SERVICE | #1 2 OR 4 FUEL OIL | 5000 | UNDERGROUND | | 06/01/1995 | |

Map Identification Number 277 THE BARBIZON **Facility Id 2-199400** **Source: NYS DEC**
 142-05 ROOSEVELT AVENUE FLUSHING, NY 11354

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 227 feet to the ESE

ADDRESS CHANGE INFORMATION
 Revised street: 14205 ROOSEVELT AVENUE
 Revised zip code: NO CHANGE

Expiration Date of the facility's registration certificate: 10/23/2002
 Owner Name: BARBIZON OWNERS INC
 Owner Address: 1110 SECOND AVE

NEW YORK, NY 10022

Operator Name: JERZY SZMYGIEL
 Facility Type: Apartment Building

Facility Phone #: (718) 461-8200

| TANK NUMBER | TANK STATUS | TANK CONTENT | CAPACITY GALLONS | TANK LOCATION | INSTALL DATE | TEST DATE | CLOSE DATE |
|-------------|-------------|------------------|------------------|-------------------------------|--------------|-----------|------------|
| 001 | IN SERVICE | #5 OR 6 FUEL OIL | 25000 | UNDERGROUND VAULTED W/ ACCESS | | | |

Map Identification Number 278 **PI ASSOCIATES, L.L.C.** **Facility Id 2-404292** **Source: NYS DEC**
 136-21 ROOSEVELT AVE FLUSHING, NY 11354

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 256 feet to the SSW

ADDRESS CHANGE INFORMATION

Revised street: 13621 ROOSEVELT AVE
 Revised zip code: NO CHANGE

Expiration Date of the facility's registration certificate: 10/03/2002
 Owner Name: PI ASSOCIATES L.L.C.
 Owner Address: 201 OLD COUNTRY ROAD 57-08 39TH AVENUE
 Operator Name: FRANCIS AMMANN
 Facility Type: Other

WOODSIDE, NY 11377
 Facility Phone #: (917) 824-9858

| TANK NUMBER | TANK STATUS | TANK CONTENT | CAPACITY GALLONS | TANK LOCATION | INSTALL DATE | TEST DATE | CLOSE DATE |
|-------------|-------------|--------------------|------------------|---------------|--------------|------------|------------|
| 001 | IN SERVICE | #1 2 OR 4 FUEL OIL | 6000 | UNDERGROUND | | 04/01/1994 | |

Map Identification Number 279 **STERNS** **Facility Id 2-325651** **Source: NYS DEC**
 136-50 ROOSEVELT AVE FLUSHING, NY 11354

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 266 feet to the S

ADDRESS CHANGE INFORMATION

Revised street: 13650 ROOSEVELT AVE
 Revised zip code: NO CHANGE

Expiration Date of the facility's registration certificate: 10/23/2002
 Owner Name: BENIDER CO
 Owner Address: 89 31 161 ST ST
 Operator Name: WILLIAM BURNS
 Facility Type: Other

JAMAICA, NY 11432
 Facility Phone #: (718) 358-9000

| TANK NUMBER | TANK STATUS | TANK CONTENT | CAPACITY GALLONS | TANK LOCATION | INSTALL DATE | TEST DATE | CLOSE DATE |
|-------------|-------------|--------------------|------------------|-------------------------------|--------------|-----------|------------|
| 001 | IN SERVICE | #1 2 OR 4 FUEL OIL | 10000 | UNDERGROUND VAULTED W/ ACCESS | 12/01/1951 | | |

Map Identification Number 280 **GLEN ORA** **Facility Id 2-362190** **Source: NYS DEC**
 142-10 ROOSEVELT AVE FLUSHING, NY 11354

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 280 feet to the ESE

ADDRESS CHANGE INFORMATION

Revised street: 14210 ROOSEVELT AVE
 Revised zip code: NO CHANGE

Expiration Date of the facility's registration certificate: 12/11/2006
 Owner Name: KALIKOW FAMILY PARTNERSHIP
 Owner Address: 7001 BRUSH HOLLOW ROAD
 Operator Name: MUN KOON CHUNG
 Facility Type: Apartment Building

WESTBURY, NY 11590
 Facility Phone #: (718) 939-9519

| TANK NUMBER | TANK STATUS | TANK CONTENT | CAPACITY GALLONS | TANK LOCATION | INSTALL DATE | TEST DATE | CLOSE DATE |
|-------------|-------------|------------------|------------------|-------------------------------|--------------|-----------|------------|
| 001 | IN SERVICE | #5 OR 6 FUEL OIL | 5000 | UNDERGROUND VAULTED W/ ACCESS | | | |

Map Identification Number 281 **142-10 ROOSEVELT AVENUE** **Facility Id 2-603502** **Source: NYS DEC**
 142-10 ROOSEVELT AVENUE QUEENS, NY 11354

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 280 feet to the ESE

ADDRESS CHANGE INFORMATION

Revised street: 14210 ROOSEVELT AVENUE
 Revised zip code: NO CHANGE

Expiration Date of the facility's registration certificate: 06/01/2003
 Owner Name: KALED MANAGEMENT CORPORATION
 Owner Address: 95-25 QUEENS BLVD.
 Operator Name: MUN-KO-KOON CHUNG
 Facility Type:

REGO PARK, NY 11374
 Facility Phone #: (718) 939-9519

| TANK NUMBER | TANK STATUS | TANK CONTENT | CAPACITY GALLONS | TANK LOCATION | INSTALL DATE | TEST DATE | CLOSE DATE |
|-------------|-----------------|--------------------|------------------|-------------------------------|--------------|-----------|------------|
| 001 | CLOSED-IN PLACE | #1 2 OR 4 FUEL OIL | 15000 | UNDERGROUND | | | 06/01/1998 |
| 002 | IN SERVICE | #1 2 OR 4 FUEL OIL | 4950 | ABOVEGROUND ON LEGS RACKS ETC | 06/01/1998 | | |

Map Identification Number 282 **FDNY - ENG. 273/LADDER 139** **Facility Id 2-358142** **Source: NYS DEC**
 40-18 UNION STREET QUEENS, NY 11354

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 293 feet to the SE

ADDRESS CHANGE INFORMATION

Revised street: 4018 UNION STREET
 Revised zip code: NO CHANGE

Expiration Date of the facility's registration certificate: 07/28/2003
 Owner Name: FIRE DEPARTMENT - CITY OF NEW YORK
 Owner Address: 9 METRO TECH

BROOKLYN, NY 11201-3857

Operator Name: OFFICER ON DUTY
 Facility Type: Other

Facility Phone #: (718) 476-6273

| TANK NUMBER | TANK STATUS | TANK CONTENT | CAPACITY GALLONS | TANK LOCATION | INSTALL DATE | TEST DATE | CLOSE DATE |
|-------------|-----------------|--------------------|------------------|-------------------------------|--------------|-----------|------------|
| 001 | IN SERVICE | #1 2 OR 4 FUEL OIL | 2000 | UNDERGROUND VAULTED W/ ACCESS | | | |
| 002 | IN SERVICE | DIESEL | 550 | ABOVEGROUND | 04/01/1998 | | |
| 003 | CLOSED-IN PLACE | UNLEADED GASOLINE | 275 | UNDERGROUND | 12/01/1975 | | 12/01/1975 |

Toxicity Information Summary

| CHEMICAL NAME | CAS-NO | ACUTE TOX | TUMOR TOX | MUTAG TOX | REPRO TOX | IRRIT TOX | MCL |
|-------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----|
| DIESEL | 68334305 | X | X | | | X | |
| UNLEADED GASOLINE | 113373000 | X | X | | | X | |

Map Identification Number 283 CHASE MANHATTAN BANK BR#111
 39-15 MAIN STREET

Facility Id 2-600188 Source: NYS DEC
 FLUSHING, NY 11354

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 358 feet to the SW

ADDRESS CHANGE INFORMATION
 Revised street: 3915 MAIN STREET
 Revised zip code: NO CHANGE

Expiration Date of the facility's registration certificate: 06/26/2001
 Owner Name: CHASE MANHATTAN BANK BR#111
 Owner Address: 39-15 MAIN STREET
 Operator Name: CHASE MANHATTAN BANK BR#111
 Facility Type:

FLUSHING, NY 11354
 Facility Phone #: (718) 762-6240

| TANK NUMBER | TANK STATUS | TANK CONTENT | CAPACITY GALLONS | TANK LOCATION | INSTALL DATE | TEST DATE | CLOSE DATE |
|-------------|-------------|--------------------|------------------|---------------|--------------|------------|------------|
| 001 | IN SERVICE | #1 2 OR 4 FUEL OIL | 2000 | UNDERGROUND | | 05/01/1997 | |

Map Identification Number 284 GERSON PROPERTIES
 39-01 MAIN STREET

Facility Id 2-602376 Source: NYS DEC
 FLUSHING, NY 11354

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 361 feet to the SW

ADDRESS CHANGE INFORMATION
 Revised street: 3901 MAIN STREET
 Revised zip code: NO CHANGE

Inspector: 4X6R9
 Expiration Date of the facility's registration certificate: 07/31/2005
 Owner Name: RUTH JOFFE, AS TRUSTEE
 Owner Address: 39-01 MAIN STREET

Date inspected: 0
 FLUSHING, NY 11354

Operator Name: EDWARD ADAMS
 Facility Type: Other

Facility Phone #: (718) 539-0444

| TANK NUMBER | TANK STATUS | TANK CONTENT | CAPACITY GALLONS | TANK LOCATION | INSTALL DATE | TEST DATE | CLOSE DATE |
|-------------|-------------|--------------------|------------------|-------------------------------|--------------|-----------|------------|
| 1 | IN SERVICE | #1 2 OR 4 FUEL OIL | 4000 | UNDERGROUND VAULTED W/ ACCESS | | | |

Map Identification Number 285 **QUEENS COUNTY SAVINGS BANK** **Facility Id 2-110515** **Source: NYS DEC**
 38-25 MAIN ST FLUSHING, NY 11354

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 376 feet to the WSW

ADDRESS CHANGE INFORMATION
 Revised street: 3825 MAIN ST
 Revised zip code: NO CHANGE

Expiration Date of the facility's registration certificate: 08/17/2002
 Owner Name: QUEENS COUNTY SAVINGS BANK
 Owner Address: 38-25 MAIN ST
 Operator Name: QUEENS COUNTY SAVINGS BANK
 Facility Type: Other

FLUSHING, NY 11354
 Facility Phone #: (718) 359-6400

| TANK NUMBER | TANK STATUS | TANK CONTENT | CAPACITY GALLONS | TANK LOCATION | INSTALL DATE | TEST DATE | CLOSE DATE |
|-------------|-------------|--------------------|------------------|---------------|--------------|------------|------------|
| 001 | IN SERVICE | #1 2 OR 4 FUEL OIL | 5000 | UNDERGROUND | | 09/01/1989 | |

Map Identification Number 286 **38-15 MAIN ST** **Facility Id 2-321192** **Source: NYS DEC**
 38-15 MAIN ST FLUSHING, NY 11354

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 378 feet to the WSW

ADDRESS CHANGE INFORMATION
 Revised street: 3815 MAIN ST
 Revised zip code: NO CHANGE

Expiration Date of the facility's registration certificate: 08/28/1992
 Owner Name: GSL ENTERPRISES
 Owner Address: 640 FIFTH AVE
 Operator Name: SOLID MANAGEMENT CORP
 Facility Type:

NEW YORK, NY 10019
 Facility Phone #: (212) 265-2280

| TANK NUMBER | TANK STATUS | TANK CONTENT | CAPACITY GALLONS | TANK LOCATION | INSTALL DATE | TEST DATE | CLOSE DATE |
|-------------|-------------------------|--------------------|------------------|-------------------------------|--------------|-----------|------------|
| 001 | ADMINISTRATIVELY CLOSED | #1 2 OR 4 FUEL OIL | 2000 | UNDERGROUND VAULTED W/ ACCESS | | | 05/16/2000 |

Map Identification Number 287 **37-29 MAIN ST** **Facility Id 2-320641** **Source: NYS DEC**
 37-29 MAIN ST FLUSHING, NY 11354

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 389 feet to the W

ADDRESS CHANGE INFORMATION
 Revised street: 3729 MAIN ST
 Revised zip code: NO CHANGE

Expiration Date of the facility's registration certificate: 01/07/2003
 Owner Name: GSL ENTERPRISES
 Owner Address: 640 FIFTH AVE
 Operator Name: SOLIL MGMT
 Facility Type: Other

NEW YORK, NY 10019
 Facility Phone #: (212) 265-2280

| TANK NUMBER | TANK STATUS | TANK CONTENT | CAPACITY GALLONS | TANK LOCATION | INSTALL DATE | TEST DATE | CLOSE DATE |
|-------------|-----------------|--------------------|------------------|---------------|--------------|-----------|------------|
| 001 | CLOSED-IN PLACE | #1 2 OR 4 FUEL OIL | 2000 | ABOVEGROUND | 04/01/2000 | | 04/01/2000 |

Map Identification Number 288 **FUTURAMA INTERIORS** **Facility Id 2-240907** **Source: NYS DEC**
 37-02 MAIN ST FLUSHING, NY 11354

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 444 feet to the W

ADDRESS CHANGE INFORMATION
 Revised street: 3702 MAIN ST
 Revised zip code: NO CHANGE

Expiration Date of the facility's registration certificate: 10/23/2002
 Owner Name: MEHRAN ENTREPRISES
 Owner Address: 37-02 MAIN STREET
 Operator Name: COLONY CORP
 Facility Type: Other

FLUSHING, NY 11354
 Facility Phone #: (718) 762-1110

| TANK NUMBER | TANK STATUS | TANK CONTENT | CAPACITY GALLONS | TANK LOCATION | INSTALL DATE | TEST DATE | CLOSE DATE |
|-------------|-------------|--------------------|------------------|-------------------------------|--------------|-----------|------------|
| 001 | IN SERVICE | #1 2 OR 4 FUEL OIL | 3000 | ABOVEGROUND ON LEGS RACKS ETC | | | |

Map Identification Number 289 **THE BANK OF NEW YORK** **Facility Id 2-347485** **Source: NYS DEC**
 36-63 MAIN STRETT FLUSHING, NY 11354

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 475 feet to the WNW

ADDRESS CHANGE INFORMATION
 Revised street: 3663 MAIN ST
 Revised zip code: NO CHANGE

Expiration Date of the facility's registration certificate: 02/23/2003
 Owner Name: MORLAND HOLDING CO C/O EDWARD SELDIN
 Owner Address: 111 KEWANEE ROAD

NEW ROCHELLE, NY 10804

Operator Name: MERY LABELLA
 Facility Type:

Facility Phone #: (718) 358-5000

| TANK NUMBER | TANK STATUS | TANK CONTENT | CAPACITY GALLONS | TANK LOCATION | INSTALL DATE | TEST DATE | CLOSE DATE |
|-------------|-------------|--------------------|------------------|---------------|--------------|-----------|------------|
| 001 | IN SERVICE | #1 2 OR 4 FUEL OIL | 1500 | ABOVEGROUND | | | |

Map Identification Number 290 **BELL ATLANTIC**
 137-34 NORTHERN BOULEVARD

Facility Id 2-344095
 FLUSHING, NY 10451

Source: NYS DEC

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 552 feet to the NW

ADDRESS CHANGE INFORMATION
 Revised street: 13734 NORTHERN BOULEVARD
 Revised zip code: 11354

Expiration Date of the facility's registration certificate: 12/14/2002

Owner Name: BELL ATLANTIC
 Owner Address: 221 EAST 37TH STREET,4TH FLOOR
 Operator Name: BELL ATLANTIC
 Facility Type:

NEW YORK, NY 10016
 Facility Phone #: (800) 339-6144

| TANK NUMBER | TANK STATUS | TANK CONTENT | CAPACITY GALLONS | TANK LOCATION | INSTALL DATE | TEST DATE | CLOSE DATE |
|-------------|-------------------------|--------------------|------------------|-------------------------------|--------------|------------|------------|
| 001 | CLOSED-RMVD FROM GROUND | KEROSENE | 10000 | UNDERGROUND | | 01/01/1992 | 05/01/1995 |
| 002 | CLOSED-IN PLACE | #1 2 OR 4 FUEL OIL | 6000 | UNDERGROUND | | 10/01/1992 | 10/01/1998 |
| 003 | IN SERVICE | KEROSENE | 280 | ABOVEGROUND ON LEGS RACKS ETC | | | |
| 004 | IN SERVICE | KEROSENE | 50 | ABOVEGROUND ON LEGS RACKS ETC | | | |
| 005 | IN SERVICE | KEROSENE | 8000 | UNDERGROUND | 05/01/1995 | | |
| 006 | IN SERVICE | #1 2 OR 4 FUEL OIL | 6000 | ABOVEGROUND ON LEGS RACKS ETC | 10/01/1998 | | |

Toxicity Information Summary

| CHEMICAL NAME | CAS-NO | ACUTE TOX | TUMOR TOX | MUTAG TOX | REPRO TOX | IRRIT TOX | MCL |
|---------------|---------|-----------|-----------|-----------|-----------|-----------|-----|
| KEROSENE | 8008206 | X | X | X | | X | |

Map Identification Number 291 **FLUSHING ARMORY (QNTF)**
 137-58 NORTHERN BLVD

Facility Id 2-391972 **Source: NYS DEC**

FLUSHING, NY 11354

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 560 feet to the N

ADDRESS CHANGE INFORMATION

Revised street: 13758 NORTHERN BLVD
 Revised zip code: NO CHANGE

Expiration Date of the facility's registration certificate: 06/18/2002

Owner Name: NYPD (QNTF)
 Owner Address: 137-58 NORTHERN BLVD.
 Operator Name: QNTF
 Facility Type: Other

FLUSHING, NY 11354
 Facility Phone #: (718) 321-2055

| TANK NUMBER | TANK STATUS | TANK CONTENT | CAPACITY GALLONS | TANK LOCATION | INSTALL DATE | TEST DATE | CLOSE DATE |
|-------------|-------------|--------------------|------------------|---------------|--------------|------------|------------|
| 001 | IN SERVICE | #1 2 OR 4 FUEL OIL | 3000 | UNDERGROUND | | 05/01/1998 | |

Map Identification Number 292 **FLUSHING YMCA**
 138-46 NORTHERN BLVD

Facility Id 2-189936 **Source: NYS DEC**

FLUSHING, NY 11354

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 565 feet to the N

ADDRESS CHANGE INFORMATION

Revised street: 13846 NORTHERN BLVD
 Revised zip code: NO CHANGE

Expiration Date of the facility's registration certificate: 06/05/2002

Owner Name: YMCA OF GREATER NY
 Owner Address: 333 SEVENTH AVENUE
 Operator Name: PABLO HERNANDEZ
 Facility Type: Other

NEW YORK, NY 10001
 Facility Phone #: (718) 961-6880

| TANK NUMBER | TANK STATUS | TANK CONTENT | CAPACITY GALLONS | TANK LOCATION | INSTALL DATE | TEST DATE | CLOSE DATE |
|-------------|-------------|--------------------|------------------|---------------|--------------|-----------|------------|
| 001 | IN SERVICE | #1 2 OR 4 FUEL OIL | 8000 | ABOVEGROUND | | | |

Map Identification Number 293 **EXXONMOBIL S/S #17-GYX**
 137-17 NORTHERN BLVD

Facility Id 2-156779 **Source: NYS DEC**

FLUSHING, NY 11354

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 604 feet to the NW

ADDRESS CHANGE INFORMATION

Revised street: 13717 NORTHERN BLVD
 Revised zip code: NO CHANGE

Expiration Date of the facility's registration certificate: 10/29/2002

Owner Name: EXXONMOBIL OIL CORP
 Owner Address: 3225 GALLOWS RD.,6W307

FAIRFAX, VA 22037

Operator Name: P. LAI
 Facility Type: Retail Gasoline Sales

Facility Phone #: (718) 445-1695

| TANK NUMBER | TANK STATUS | TANK CONTENT | CAPACITY GALLONS | TANK LOCATION | INSTALL DATE | TEST DATE | CLOSE DATE |
|-------------|-------------------------|--------------------|------------------|---------------|--------------|-----------|------------|
| 001 | CLOSED BEFORE 4/1/91 | LEADED GASOLINE | 4000 | UNDERGROUND | 12/01/1971 | | |
| 002 | CLOSED BEFORE 4/1/91 | LEADED GASOLINE | 4000 | UNDERGROUND | 12/01/1971 | | |
| 003 | CLOSED BEFORE 4/1/91 | UNLEADED GASOLINE | 4000 | UNDERGROUND | 12/01/1971 | | |
| 004 | CLOSED BEFORE 4/1/91 | UNLEADED GASOLINE | 4000 | UNDERGROUND | 12/01/1971 | | |
| 005 | CLOSED BEFORE 4/1/91 | UNLEADED GASOLINE | 4000 | UNDERGROUND | 12/01/1971 | | |
| 006 | CLOSED BEFORE 4/1/91 | #1 2 OR 4 FUEL OIL | 550 | UNDERGROUND | 12/01/1971 | | |
| 007 | CLOSED BEFORE 4/1/91 | OTHER | 550 | UNDERGROUND | 12/01/1971 | | |
| 101 | IN SERVICE | UNLEADED GASOLINE | 4000 | UNDERGROUND | 08/01/1988 | | |
| 102 | IN SERVICE | UNLEADED GASOLINE | 4000 | UNDERGROUND | 08/01/1988 | | |
| 103 | IN SERVICE | UNLEADED GASOLINE | 4000 | UNDERGROUND | 08/01/1988 | | |
| 104 | IN SERVICE | UNLEADED GASOLINE | 4000 | UNDERGROUND | 08/01/1988 | | |
| 105 | IN SERVICE | UNLEADED GASOLINE | 4000 | UNDERGROUND | 08/01/1988 | | |
| 106 | CLOSED-CONV NON-REG USE | OTHER | 1000 | UNDERGROUND | 08/01/1988 | | |
| 107 | CLOSED-CONV NON-REG USE | #1 2 OR 4 FUEL OIL | 1000 | UNDERGROUND | 08/01/1988 | | 08/01/1996 |
| 107 | IN SERVICE | #1 2 OR 4 FUEL OIL | 1000 | UNDERGROUND | 08/01/1988 | | |
| 108 | IN SERVICE | USED OIL | 550 | UNDERGROUND | 08/01/1988 | | |

Toxicity Information Summary

| CHEMICAL NAME | CAS-NO | ACUTE TOX | TUMOR TOX | MUTAG TOX | REPRO TOX | IRRIT TOX | MCL |
|-------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----|
| UNLEADED GASOLINE | 113373000 | X | X | | | X | |

Map Identification Number 294 **MAG AUTOMOTIVE ENTERPRISES INC.**
 137-07 NORTHERN BLVD

Facility Id 2-607271 **Source: NYS DEC**
 FLUSHING, NY 11354

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 629 feet to the NW

ADDRESS CHANGE INFORMATION
 Revised street: 13707 NORTHERN BLVD
 Revised zip code: NO CHANGE

Expiration Date of the facility's registration certificate: 01/02/2007
 Owner Name: MAG AUTOMOTIVE ENTERPRISES INC.
 Owner Address: 137-07 NORTHERN BLVD
 Operator Name: GARY MENDYUK
 Facility Type: Other

FLUSHING, NY 11354
 Facility Phone #: (718) 996-2131

| TANK NUMBER | TANK STATUS | TANK CONTENT | CAPACITY GALLONS | TANK LOCATION | INSTALL DATE | TEST DATE | CLOSE DATE |
|-------------|-------------|--------------|------------------|-------------------------------|--------------|-----------|------------|
| 001 | IN SERVICE | USED OIL | 275 | ABOVEGROUND ON LEGS RACKS ETC | | | |

Map Identification Number 295 **PISTILLI ASSOCIATES II, LLC**
 38-15 BOWNE STREET

Facility Id 2-154792 **Source: NYS DEC**
 FLUSHING, NY 11354

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 655 feet to the ENE

ADDRESS CHANGE INFORMATION
 Revised street: 3815 BOWNE STREET
 Revised zip code: NO CHANGE

Expiration Date of the facility's registration certificate: 01/11/2004
 Owner Name: A & J PISTILLI
 Owner Address: 37-08 28TH AVENUE
 Operator Name: JOSEPH PISTILLI
 Facility Type: Apartment Building

ASTORIA, NY 11103
 Facility Phone #: (718) 204-1600

| TANK NUMBER | TANK STATUS | TANK CONTENT | CAPACITY GALLONS | TANK LOCATION | INSTALL DATE | TEST DATE | CLOSE DATE |
|-------------|-------------|--------------------|------------------|---------------|--------------|------------|------------|
| 001 | IN SERVICE | #1 2 OR 4 FUEL OIL | 5000 | UNDERGROUND | 02/01/1962 | 01/07/1999 | |

Map Identification Number 296 **MONACO EQUITIES CO.**
 142-01 41ST AVE

Facility Id 2-110922 **Source: NYS DEC**
 FLUSHING, NY 11355

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 667 feet to the SE

ADDRESS CHANGE INFORMATION
 Revised street: 14201 41ST AVE
 Revised zip code: NO CHANGE

Expiration Date of the facility's registration certificate: 05/07/2002
 Owner Name: MONACO EQUITIES CO.
 Owner Address: 144-15 41ST AVE.
 Operator Name: DAN MOREA
 Facility Type: Apartment Building

NEW YORK, NY 11355
 Facility Phone #: (718) 762-5817

| TANK NUMBER | TANK STATUS | TANK CONTENT | CAPACITY GALLONS | TANK LOCATION | INSTALL DATE | TEST DATE | CLOSE DATE |
|-------------|-------------|------------------|------------------|---------------|--------------|-----------|------------|
| 001 | IN SERVICE | #5 OR 6 FUEL OIL | 10000 | UNDERGROUND | | | |

Map Identification Number 297 **MADISON HOUSE OWNERS CORP**
 136-39 41ST AVE

Facility Id 2-333522 **Source: NYS DEC**
 FLUSHING, NY 11355

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 678 feet to the SSW

ADDRESS CHANGE INFORMATION
 Revised street: 13639 41ST AVE
 Revised zip code: NO CHANGE

Expiration Date of the facility's registration certificate: 10/02/1997
 Owner Name: MADISON HOUSE OWNERS CORP
 Owner Address: 136-39 41ST AVE

FLUSHING, NY 11355

Operator Name: EDWARD MENDOZA
 Facility Type: Apartment Building

Facility Phone #: (718) 961-5059

| TANK NUMBER | TANK STATUS | TANK CONTENT | CAPACITY GALLONS | TANK LOCATION | INSTALL DATE | TEST DATE | CLOSE DATE |
|-------------|-------------------------|------------------|------------------|---------------|--------------|-----------|------------|
| 001 | ADMINISTRATIVELY CLOSED | #5 OR 6 FUEL OIL | 10000 | ABOVEGROUND | | | 05/22/2000 |

Map Identification Number 298 **36-40 BOWNE STREET** **Facility Id 2-045306** **Source: NYS DEC**
 36-40 BOWNE STREET FLUSHING, NY 11354

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 690 feet to the NE

ADDRESS CHANGE INFORMATION

Revised street: 3640 BOWNE STREET
 Revised zip code: NO CHANGE

Expiration Date of the facility's registration certificate: 12/02/2001

Owner Name: HECUBA HOLDING CORP
 Owner Address: P O BOX 540964 LINDEN HILL STATION
 Operator Name: ENRIQUE MERCADO
 Facility Type: Apartment Building

FLUSHING, NY 11354
 Facility Phone #: (718) 463-9080

| TANK NUMBER | TANK STATUS | TANK CONTENT | CAPACITY GALLONS | TANK LOCATION | INSTALL DATE | TEST DATE | CLOSE DATE |
|-------------|-------------------------|------------------|------------------|---------------|--------------|-----------|------------|
| 013 | ADMINISTRATIVELY CLOSED | #5 OR 6 FUEL OIL | 7500 | ABOVEGROUND | | | 11/01/1999 |

Map Identification Number 299 **36-40 BOWNE STREET** **Facility Id 2-603650** **Source: NYS DEC**
 36-40 BOWNE ESTREET FLUSHING, NY 11354

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 690 feet to the NE

ADDRESS CHANGE INFORMATION

Revised street: 3640 BOWNE STREET
 Revised zip code: NO CHANGE

Expiration Date of the facility's registration certificate: 09/14/2003

Owner Name: HECUBA HOLDING CORPORATION
 Owner Address: 36-23 164TH STREET
 Operator Name: HENRY MERCADO
 Facility Type:

FLUSHING, NY 11358
 Facility Phone #: (718) 463-9080

| TANK NUMBER | TANK STATUS | TANK CONTENT | CAPACITY GALLONS | TANK LOCATION | INSTALL DATE | TEST DATE | CLOSE DATE |
|-------------|-------------------------|--------------------|------------------|-------------------------------|--------------|-----------|------------|
| 001 | CLOSED-RMVD FROM GROUND | #1 2 OR 4 FUEL OIL | 7500 | ABOVEGROUND | | | 08/01/1998 |
| 002 | IN SERVICE | #1 2 OR 4 FUEL OIL | 5000 | ABOVEGROUND ON LEGS RACKS ETC | 08/01/1998 | | |

Map Identification Number 300 **ST MICHAELS R. C. CHURCH**
 136-76 41 AVENUE

Facility Id 2-404942 **Source: NYS DEC**
 FLUSHING, NY 11355

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 699 feet to the SSW

ADDRESS CHANGE INFORMATION
 Revised street: 13676 41ST AVE
 Revised zip code: NO CHANGE

Expiration Date of the facility's registration certificate: 10/15/2002
 Owner Name: ST MICHAELS R. C. CHURCH
 Owner Address: 136-76 41ST AVENUE
 Operator Name: ST MICHAELS R C CHURCH
 Facility Type: Other

FLUSHING, NY 11355
 Facility Phone #: (718) 961-0295

| TANK NUMBER | TANK STATUS | TANK CONTENT | CAPACITY GALLONS | TANK LOCATION | INSTALL DATE | TEST DATE | CLOSE DATE |
|-------------|-------------|-------------------|------------------|---------------|--------------|------------|------------|
| 001 | IN SERVICE | UNLEADED GASOLINE | 5000 | UNDERGROUND | 12/01/1962 | 06/01/1998 | |

Toxicity Information Summary

| CHEMICAL NAME | CAS-NO | ACUTE TOX | TUMOR TOX | MUTAG TOX | REPRO TOX | IRRIT TOX | MCL |
|-------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----|
| UNLEADED GASOLINE | 113373000 | X | X | | | X | |

Map Identification Number 301 **GEORGIAN HALL**
 40-04 BOWNE ST

Facility Id 2-317810 **Source: NYS DEC**
 FLUSHING, NY 11354

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 700 feet to the ESE

ADDRESS CHANGE INFORMATION
 Revised street: 4004 BOWNE ST
 Revised zip code: NO CHANGE

Expiration Date of the facility's registration certificate: 07/20/2002
 Owner Name: STATE ASSOCIATES
 Owner Address: 40-04 BOWNE STREET - SUITE L1D
 Operator Name: FRANK K. DEUTSCHMANN
 Facility Type: Apartment Building

FLUSHING, NY 11354
 Facility Phone #: (718) 939-1905

| TANK NUMBER | TANK STATUS | TANK CONTENT | CAPACITY GALLONS | TANK LOCATION | INSTALL DATE | TEST DATE | CLOSE DATE |
|-------------|-------------|------------------|------------------|---------------|--------------|-----------|------------|
| 001 | IN SERVICE | #5 OR 6 FUEL OIL | 7500 | ABOVEGROUND | 12/01/1946 | | |

Map Identification Number 302 **ST MICHAELS SCHOOL** **Facility Id 2-404934** **Source: NYS DEC**
 136-58 41ST AVE FLUSHING, NY 11355

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 709 feet to the SSW

ADDRESS CHANGE INFORMATION

Revised street: 13658 41ST AVE
 Revised zip code: NO CHANGE

Expiration Date of the facility's registration certificate: 10/15/2002
 Owner Name: ST MICHAELS R. C. CHURCH
 Owner Address: 136-76 41ST AVE
 Operator Name: ST MICHAELS R C CHURCH
 Facility Type: School

FLUSHING, NY 11355
 Facility Phone #: (718) 961-0246

| TANK NUMBER | TANK STATUS | TANK CONTENT | CAPACITY GALLONS | TANK LOCATION | INSTALL DATE | TEST DATE | CLOSE DATE |
|-------------|-------------|--------------------|------------------|---------------|--------------|-----------|------------|
| 001 | IN SERVICE | #1 2 OR 4 FUEL OIL | 3000 | ABOVEGROUND | | | |

Map Identification Number 303 **SEAWANE** **Facility Id 2-362085** **Source: NYS DEC**
 142-41 41ST AVE FLUSHING, NY 11355

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 715 feet to the SE

ADDRESS CHANGE INFORMATION

Revised street: 14241 41ST AVE
 Revised zip code: NO CHANGE

Expiration Date of the facility's registration certificate: 12/11/2006
 Owner Name: KALIKOW FAMILY PARTNERSHIP
 Owner Address: 7001 BRUSH HOLLOW RD
 Operator Name: KEVIN FERNANDEZ
 Facility Type: Apartment Building

WESTBURY, NY 11590
 Facility Phone #: (718) 939-6927

| TANK NUMBER | TANK STATUS | TANK CONTENT | CAPACITY GALLONS | TANK LOCATION | INSTALL DATE | TEST DATE | CLOSE DATE |
|-------------|-------------|------------------|------------------|---------------|--------------|-----------|------------|
| 001 | IN SERVICE | #5 OR 6 FUEL OIL | 10000 | ABOVEGROUND | | | |

Map Identification Number 304 **BOWNETREE LTD** **Facility Id 2-271179** **Source: NYS DEC**
 143-15/17/19 38TH AVE FLUSHING, NY 11354

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 731 feet to the ENE

ADDRESS CHANGE INFORMATION

Revised street: 14315/17/19 38TH AVE
 Revised zip code: NO CHANGE

Expiration Date of the facility's registration certificate: 08/28/2002
 Owner Name: BWNTR LTD S MAIZUS PRES
 Owner Address: 37-17 BOWNE STREET

FLUSHING, NY 11354

Operator Name: SOLFRED MAIZUS
 Facility Type:

Facility Phone #: (718) 539-0006

| TANK NUMBER | TANK STATUS | TANK CONTENT | CAPACITY GALLONS | TANK LOCATION | INSTALL DATE | TEST DATE | CLOSE DATE |
|-------------|-------------|--------------------|------------------|-------------------------------|--------------|-----------|------------|
| 001 | IN SERVICE | #1 2 OR 4 FUEL OIL | 3000 | ABOVEGROUND ON LEGS RACKS ETC | | | |

Map Identification Number 305 **BOWNE STREET COMMUNITY CHURCH** **Facility Id 2-091006** **Source: NYS DEC**
 143-11 ROOSEVELT AVENUE FLUSHING, NY 11354

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 736 feet to the E

ADDRESS CHANGE INFORMATION
 Revised street: 14311 ROOSEVELT AVENUE
 Revised zip code: NO CHANGE

Expiration Date of the facility's registration certificate: 03/24/2002
 Owner Name: BOWNE STREET COMMUNITY CHURCH
 Owner Address: 143-11 ROOSEVELT AVENUE
 Operator Name: BOWNE STREET COMMUNITY CHURCH
 Facility Type: Other

FLUSHING, NY 11354
 Facility Phone #: (718) 359-1553

| TANK NUMBER | TANK STATUS | TANK CONTENT | CAPACITY GALLONS | TANK LOCATION | INSTALL DATE | TEST DATE | CLOSE DATE |
|-------------|-------------|--------------------|------------------|---------------|--------------|------------|------------|
| 001 | IN SERVICE | #1 2 OR 4 FUEL OIL | 1500 | UNDERGROUND | | 02/01/1997 | |

Map Identification Number 306 **ROOSEVELT HOUSE** **Facility Id 2-362093** **Source: NYS DEC**
 143-08 ROOSEVELT AVE FLUSHING, NY 11355

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 739 feet to the E

ADDRESS CHANGE INFORMATION
 Revised street: 14308 ROOSEVELT AVE
 Revised zip code: 11354

Expiration Date of the facility's registration certificate: 10/06/2002
 Owner Name: HEWLETT ASSOC C/O KALED MANAGEMENT
 Owner Address: 7001 BRUSH HOLLOW ROAD
 Operator Name: JOZO BOSNJAK
 Facility Type: Apartment Building

WESTBURY, NY 11355
 Facility Phone #: (718) 939-7029

| TANK NUMBER | TANK STATUS | TANK CONTENT | CAPACITY GALLONS | TANK LOCATION | INSTALL DATE | TEST DATE | CLOSE DATE |
|-------------|-----------------|------------------|------------------|-------------------------------|--------------|-----------|------------|
| 001 | CLOSED-IN PLACE | #5 OR 6 FUEL OIL | 8000 | ABOVEGROUND | 08/01/1908 | | 12/01/1997 |
| 002 | IN SERVICE | #5 OR 6 FUEL OIL | 2600 | ABOVEGROUND ON LEGS RACKS ETC | 12/01/1997 | | |

Map Identification Number 307 BOWNEVIEW LTD **Facility Id 2-258377** **Source: NYS DEC**
 36-20 BOWNE ST FLUSHING, NY 11354

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 744 feet to the NE

ADDRESS CHANGE INFORMATION

Revised street: 3620 BOWNE ST
 Revised zip code: NO CHANGE

Expiration Date of the facility's registration certificate: 02/03/2003

Owner Name: BOWNEVEIW LTD
 Owner Address: 37-17 BOWNE STREET
 Operator Name: SOLFRED MAIZUS
 Facility Type: Apartment Building

FLUSHING, NY 11354
 Facility Phone #: (718) 539-0006

| TANK NUMBER | TANK STATUS | TANK CONTENT | CAPACITY GALLONS | TANK LOCATION | INSTALL DATE | TEST DATE | CLOSE DATE |
|-------------|-------------|------------------|------------------|-------------------------------|--------------|-----------|------------|
| 001 | IN SERVICE | #5 OR 6 FUEL OIL | 5000 | ABOVEGROUND ON LEGS RACKS ETC | | | |

Map Identification Number 308 BOWNETREE LTD **Facility Id 2-258318** **Source: NYS DEC**
 143-21/25 38 AV FLUSHING, NY 11354

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 773 feet to the ENE

ADDRESS CHANGE INFORMATION

Revised street: 14321 38TH AV
 Revised zip code: NO CHANGE

Expiration Date of the facility's registration certificate: 07/28/2003

Owner Name: SOLFRED MAIZUS/BOWNETREE LTD
 Owner Address: 37-17 BOWNE STREET
 Operator Name: SOLFRED MAIZUS
 Facility Type:

FLUSHING, NY 11354
 Facility Phone #: (718) 539-0006

| TANK NUMBER | TANK STATUS | TANK CONTENT | CAPACITY GALLONS | TANK LOCATION | INSTALL DATE | TEST DATE | CLOSE DATE |
|-------------|-------------|--------------------|------------------|-------------------------------|--------------|-----------|------------|
| 001 | IN SERVICE | #1 2 OR 4 FUEL OIL | 4000 | ABOVEGROUND ON LEGS RACKS ETC | | | |

Map Identification Number 309 36-19 BOWNE ST **Facility Id 2-159654** **Source: NYS DEC**
 36-19 BOWNE ST FLUSHING, NY 11354

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 789 feet to the NE

ADDRESS CHANGE INFORMATION

Revised street: 3619 BOWNE ST
 Revised zip code: NO CHANGE

Expiration Date of the facility's registration certificate: 09/19/2002

Owner Name: BOWNE OVERSEAS CORP
 Owner Address: PO BOX 1168

FLUSHING, NY 11354

Operator Name: ORIN MNGMT CORP
 Facility Type: Apartment Building

Facility Phone #: (718) 886-5060

| TANK NUMBER | TANK STATUS | TANK CONTENT | CAPACITY GALLONS | TANK LOCATION | INSTALL DATE | TEST DATE | CLOSE DATE |
|-------------|-------------|------------------|------------------|---------------|--------------|-----------|------------|
| 001 | IN SERVICE | #5 OR 6 FUEL OIL | 5000 | ABOVEGROUND | | | |

Map Identification Number 310 THE YEH REALTY, INC
 135-29 NORTHERN BLVD

FLUSHING, NY 11354

Facility Id 2-602753

Source: NYS DEC

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 802 feet to the WNW

ADDRESS CHANGE INFORMATION

Revised street: 13529 NORTHERN BLVD
 Revised zip code: NO CHANGE

Expiration Date of the facility's registration certificate: 08/23/2001

Owner Name: THE YEH REALTY, INC
 Owner Address: 36-09 MAIN STREET, 3A
 Operator Name: ANTHONY GALIOTO
 Facility Type: Other

FLUSHING, NY 11354
 Facility Phone #: (718) 961-1600

| TANK NUMBER | TANK STATUS | TANK CONTENT | CAPACITY GALLONS | TANK LOCATION | INSTALL DATE | TEST DATE | CLOSE DATE |
|-------------|-------------------------|--------------|------------------|-------------------------------|--------------|-----------|------------|
| 001 | ADMINISTRATIVELY CLOSED | EMPTY | 15000 | UNDERGROUND VAULTED W/ ACCESS | | | 12/01/1999 |
| 002 | ADMINISTRATIVELY CLOSED | EMPTY | 275 | UNDERGROUND VAULTED W/ ACCESS | | | 12/01/1999 |

Map Identification Number 311 RKO KEITH THEATER
 135-29 NORTHERN BLVD.

FLUSHING, NY 11354

Facility Id 2-603918

Source: NYS DEC

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 802 feet to the WNW

ADDRESS CHANGE INFORMATION

Revised street: 13529 NORTHERN BLVD
 Revised zip code: NO CHANGE

Expiration Date of the facility's registration certificate: 02/05/2004

Owner Name: YEH REALTY
 Owner Address: 36-09 MAIN STREET
 Operator Name: YEH REALTY
 Facility Type:

FLUSHING, NY 11354
 Facility Phone #: (718) 961-6100

| TANK NUMBER | TANK STATUS | TANK CONTENT | CAPACITY GALLONS | TANK LOCATION | INSTALL DATE | TEST DATE | CLOSE DATE |
|-------------|-------------------------|------------------|------------------|---------------|--------------|-----------|------------|
| 001 | CLOSED-IN PLACE | #5 OR 6 FUEL OIL | 15000 | UNDERGROUND | 01/01/1999 | | 01/01/1999 |
| 002 | CLOSED-RMVD FROM GROUND | #5 OR 6 FUEL OIL | 10000 | UNDERGROUND | 00/00 | | 01/99 |

The following tank(s) were either deleted from the reported data or the number was re-assigned.

Map Identification Number 312 **36-11 BOWNE ST** **Facility Id 2-405558** **Source: NYS DEC**
 36-11 BOWNE ST FLUSHING, NY 11354

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 813 feet to the NNE

ADDRESS CHANGE INFORMATION
 Revised street: 3611 BOWNE ST
 Revised zip code: NO CHANGE

Expiration Date of the facility's registration certificate: 10/15/2002
 Owner Name: P-C MGMT
 Owner Address: 36-11 BOWNE ST
 Operator Name: P-C MGMT
 Facility Type: Apartment Building

FLUSHING, NY 11354
 Facility Phone #: (718) 353-7010

| TANK NUMBER | TANK STATUS | TANK CONTENT | CAPACITY GALLONS | TANK LOCATION | INSTALL DATE | TEST DATE | CLOSE DATE |
|-------------|-------------|------------------|------------------|---------------|--------------|-----------|------------|
| 001 | IN SERVICE | #5 OR 6 FUEL OIL | 3000 | ABOVEGROUND | | | |

Map Identification Number 313 **135-27 38TH AVE** **Facility Id 2-089338** **Source: NYS DEC**
 135-27 38TH AVENUE FLUSHING, NY 11354

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 817 feet to the WSW

ADDRESS CHANGE INFORMATION
 Revised street: 13527 38TH AVENUE
 Revised zip code: NO CHANGE

Expiration Date of the facility's registration certificate: 03/24/2002
 Owner Name: ADEPT SALES MFG CO INC
 Owner Address: 135-27 38TH AVE
 Operator Name: ADEPT SALES MFG CO INC
 Facility Type:

FLUSHING, NY 11354
 Facility Phone #: (718) 445-9011

| TANK NUMBER | TANK STATUS | TANK CONTENT | CAPACITY GALLONS | TANK LOCATION | INSTALL DATE | TEST DATE | CLOSE DATE |
|-------------|-------------|--------------------|------------------|---------------|--------------|-----------|------------|
| 001 | IN SERVICE | #1 2 OR 4 FUEL OIL | 3000 | ABOVEGROUND | | | |
| 002 | IN SERVICE | #1 2 OR 4 FUEL OIL | 3000 | ABOVEGROUND | | | |

Map Identification Number 314 **HERITAGE HOUSE** **Facility Id 2-248347** **Source: NYS DEC**
 143-30 38TH AVE FLUSHING, NY 11354

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 842 feet to the ENE

ADDRESS CHANGE INFORMATION
 Revised street: 14330 38TH AVE
 Revised zip code: NO CHANGE

Expiration Date of the facility's registration certificate: 07/07/2002
 Owner Name: DIVERSIFIE D REALTY CORP
 Owner Address: P O BOX 1200

JERICO, NY 11753

Operator Name: KEVIN CULLEN
 Facility Type: Apartment Building

Facility Phone #: (718) 445-1135

| TANK NUMBER | TANK STATUS | TANK CONTENT | CAPACITY GALLONS | TANK LOCATION | INSTALL DATE | TEST DATE | CLOSE DATE |
|-------------|-------------|------------------|------------------|---------------|--------------|-----------|------------|
| 001 | IN SERVICE | #5 OR 6 FUEL OIL | 7500 | UNDERGROUND | 10/01/1970 | | |

Map Identification Number 315 **N.B. OWNERS INC.** **Facility Id 2-603250** **Source: NYS DEC**
 141-05 NORTHERN BLVD. FLUSHING, NY 11354

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 851 feet to the NNE

ADDRESS CHANGE INFORMATION
 Revised street: 14105 NORTHERN BLVD
 Revised zip code: NO CHANGE

Expiration Date of the facility's registration certificate: 12/10/2002
 Owner Name: N.B. OWNERS INC @ METRO MGMT DEVEL. INC.
 Owner Address: 42-25 21ST STREET
 Operator Name: HECTOR DAVILLA
 Facility Type: Apartment Building

LONG ISLAND CITY, NY 11101
 Facility Phone #: (718) 358-7077

| TANK NUMBER | TANK STATUS | TANK CONTENT | CAPACITY GALLONS | TANK LOCATION | INSTALL DATE | TEST DATE | CLOSE DATE |
|-------------|-----------------|--------------------|------------------|-------------------------------|--------------|------------|------------|
| 001 | CLOSED-IN PLACE | #1 2 OR 4 FUEL OIL | 10000 | UNDERGROUND | 01/01/1958 | 05/01/1997 | 06/21/1999 |
| 002 | IN SERVICE | #5 OR 6 FUEL OIL | 6500 | ABOVEGROUND ON LEGS RACKS ETC | 06/21/1999 | | |

Map Identification Number 316 **PARK REGENT MANAGEMENT CORP.** **Facility Id 2-194158** **Source: NYS DEC**
 41-25 KISSENA BLVD., RM 112 FLUSHING, NY 11355

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 854 feet to the S

ADDRESS CHANGE INFORMATION
 Revised street: 4125 KISSENA BLVD
 Revised zip code: NO CHANGE

Expiration Date of the facility's registration certificate: 07/07/2002
 Owner Name: MADISON HOUSE OWNER'S CORP.
 Owner Address: 136-39 41ST AVE.
 Operator Name: JOHN CHEN
 Facility Type:

FLUSHING, NY 11355
 Facility Phone #: (718) 939-2200

| TANK NUMBER | TANK STATUS | TANK CONTENT | CAPACITY GALLONS | TANK LOCATION | INSTALL DATE | TEST DATE | CLOSE DATE |
|-------------|-------------------------|------------------|------------------|---------------|--------------|-----------|------------|
| 001 | CLOSED-RMVD FROM GROUND | #5 OR 6 FUEL OIL | 10000 | ABOVEGROUND | 06/01/1958 | | |

Map Identification Number 317 **EMERGENCY MEDICAL SERVICE/STATION 52**
 135-16 38TH AVENUE

Facility Id 2-358169
 FLUSHING, NY 11354

Source: NYS DEC

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 867 feet to the WSW

ADDRESS CHANGE INFORMATION
 Revised street: 13516 38TH AVENUE
 Revised zip code: NO CHANGE

Expiration Date of the facility's registration certificate: 07/28/2003
 Owner Name: FIRE DEPARTMENT
 Owner Address: 9 METROTECH
 Operator Name: COMPANY OFFICER
 Facility Type: Other

BROOKLYN, NY 11201-3857
 Facility Phone #: (718) 961-9052

| TANK NUMBER | TANK STATUS | TANK CONTENT | CAPACITY GALLONS | TANK LOCATION | INSTALL DATE | TEST DATE | CLOSE DATE |
|-------------|-------------|--------------------|------------------|-------------------------------|--------------|-----------|------------|
| 001 | IN SERVICE | #1 2 OR 4 FUEL OIL | 2000 | ABOVEGROUND ON LEGS RACKS ETC | | | |
| 002 | IN SERVICE | DIESEL | 550 | ABOVEGROUND | 06/01/1997 | | |

Toxicity Information Summary

| CHEMICAL NAME | CAS-NO | ACUTE TOX | TUMOR TOX | MUTAG TOX | REPRO TOX | IRRIT TOX | MCL |
|---------------|----------|-----------|-----------|-----------|-----------|-----------|-----|
| DIESEL | 68334305 | X | X | | | X | |

Map Identification Number 318 **141-25 OWNERS CORP**
 141-25 NORTHERN BLVD

Facility Id 2-334138
 FLUSHING NY, NY 11354

Source: NYS DEC

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 882 feet to the NNE

ADDRESS CHANGE INFORMATION
 Revised street: 14125 NORTHERN BLVD
 Revised zip code: NO CHANGE

Expiration Date of the facility's registration certificate: 02/25/2003
 Owner Name: 141-25 OWNERS CORP
 Owner Address: 4917 12TH AVENUE
 Operator Name: IOSIF CAMPAN
 Facility Type: Other

BROOKLYN, NY 11219
 Facility Phone #: (917) 552-8505

| TANK NUMBER | TANK STATUS | TANK CONTENT | CAPACITY GALLONS | TANK LOCATION | INSTALL DATE | TEST DATE | CLOSE DATE |
|-------------|-------------|--------------------|------------------|---------------|--------------|-----------|------------|
| 001 | IN SERVICE | #1 2 OR 4 FUEL OIL | 7500 | ABOVEGROUND | | | |

Map Identification Number 319 **143-30 ROOSEVELT AVE**
 143-30 ROOSEVELT AVE

Facility Id 2-358827
 FLUSHING, NY 11355

Source: NYS DEC

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 884 feet to the E

ADDRESS CHANGE INFORMATION

Revised street: 14330 ROOSEVELT AVE
 Revised zip code: 11354

Expiration Date of the facility's registration certificate: 10/23/2002

Owner Name: JOSEPH T. MACARI
 Owner Address: 95-40 ROOSEVELT AVE
 Operator Name: JORVE RIVERA
 Facility Type:

JACK HTS, NY 11372
 Facility Phone #: (718) 446-0100

| TANK NUMBER | TANK STATUS | TANK CONTENT | CAPACITY GALLONS | TANK LOCATION | INSTALL DATE | TEST DATE | CLOSE DATE |
|-------------|-------------|------------------|------------------|-------------------------------|--------------|-----------|------------|
| 001 | IN SERVICE | #5 OR 6 FUEL OIL | 7500 | ABOVEGROUND ON LEGS RACKS ETC | | | |

Map Identification Number 320 **HERITAGE WEST**
 143-37 38TH AVE

Facility Id 2-246549
 FLUSHING, NY 11354

Source: NYS DEC

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 885 feet to the ENE

ADDRESS CHANGE INFORMATION

Revised street: 14337 38TH AVE
 Revised zip code: NO CHANGE

Expiration Date of the facility's registration certificate: 11/16/2002

Owner Name: DIVERSIFIED REALTY CORP
 Owner Address: P O BOX 1200
 Operator Name: KEVIN CULLEN
 Facility Type: Apartment Building

JERICO, NY 11753
 Facility Phone #: (718) 445-1135

| TANK NUMBER | TANK STATUS | TANK CONTENT | CAPACITY GALLONS | TANK LOCATION | INSTALL DATE | TEST DATE | CLOSE DATE |
|-------------|-------------|--------------------|------------------|---------------|--------------|------------|------------|
| 001 | IN SERVICE | #1 2 OR 4 FUEL OIL | 5000 | UNDERGROUND | 12/01/1974 | 09/01/1998 | |

Map Identification Number 321 **BOWNE REALTY**
 143-05 41 AVE

Facility Id 2-148709
 FLUSHING, NY 11355

Source: NYS DEC

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 926 feet to the ESE

ADDRESS CHANGE INFORMATION

Revised street: 14305 41ST AVE
 Revised zip code: UNKNOWN

Expiration Date of the facility's registration certificate: 08/17/2002

Owner Name: BOWNE REALTY
 Owner Address: 80 CUTTERMILL RD.- SUITE 402

GREAT NECK, NY 11021

Operator Name: FRANKLIM PINO
 Facility Type: Apartment Building

Facility Phone #: (718) 445-5845

| TANK NUMBER | TANK STATUS | TANK CONTENT | CAPACITY GALLONS | TANK LOCATION | INSTALL DATE | TEST DATE | CLOSE DATE |
|-------------|-------------|------------------|------------------|-------------------------------|--------------|-----------|------------|
| 001 | IN SERVICE | #5 OR 6 FUEL OIL | 5000 | ABOVEGROUND 1/10 BELOW GROUND | | | |

Map Identification Number 322 **C.J. AUTO CENTER, INC.**
 133-53 37TH AVE.

Facility Id 2-603053 **Source: NYS DEC**
 FLUSHING, NY 11354

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 957 feet to the W

ADDRESS CHANGE INFORMATION
 Revised street: 13353 37TH AVE.
 Revised zip code: NO CHANGE

Expiration Date of the facility's registration certificate: 06/18/2002
 Owner Name: LAN LAN LIANG
 Owner Address: 133-53 37TH AVE.
 Operator Name: LAN LAN LIANG
 Facility Type: Other

FLUSHING, NY 11354
 Facility Phone #: (718) 358-6800

| TANK NUMBER | TANK STATUS | TANK CONTENT | CAPACITY GALLONS | TANK LOCATION | INSTALL DATE | TEST DATE | CLOSE DATE |
|-------------|-------------|--------------|------------------|---------------|--------------|-----------|------------|
| 001 | IN SERVICE | USED OIL | 275 | ABOVEGROUND | | | |

Map Identification Number 323 **137-36 LEAVITT STREET**
 137-36 LEAVITT STREET

Facility Id 2-604699 **Source: NYS DEC**
 FLUSHING, NY 11354

MAP LOCATION INFORMATION
 Site location mapped by: MANUAL MAPPING (4)
 Approximate distance from property: 962 feet to the N

ADDRESS CHANGE INFORMATION
 Revised street: 13736 LEAVITT STREET
 Revised zip code: NO CHANGE

Expiration Date of the facility's registration certificate: 09/20/2005
 Owner Name: JAMES G. RENFRO ET AL - LIST ATTACHED
 Owner Address: 295 WALTHAM ST.
 Operator Name: NONE
 Facility Type: Other

LEXINGTON, MA 02421
 Facility Phone #: (000) 000-0000

| TANK NUMBER | TANK STATUS | TANK CONTENT | CAPACITY GALLONS | TANK LOCATION | INSTALL DATE | TEST DATE | CLOSE DATE |
|-------------|-------------------------|--------------|------------------|---------------|--------------|-----------|------------|
| #1 | CLOSED-RMVD FROM GROUND | EMPTY | 1000 | UNDERGROUND | | | 02/10/2001 |
| #2 | CLOSED-RMVD FROM GROUND | EMPTY | 550 | UNDERGROUND | | | 02/10/2001 |
| #3 | CLOSED-RMVD FROM GROUND | EMPTY | 550 | UNDERGROUND | | | 02/10/2001 |
| #4 | CLOSED-RMVD FROM GROUND | EMPTY | 550 | UNDERGROUND | | | 02/10/2001 |
| #5 | CLOSED-RMVD FROM GROUND | EMPTY | 550 | UNDERGROUND | | | 02/10/2001 |

| | | | | | |
|-----|-------------------------|-------|-----|-------------|------------|
| #6 | CLOSED-RMVD FROM GROUND | EMPTY | 550 | UNDERGROUND | 02/10/2001 |
| #7 | CLOSED-RMVD FROM GROUND | EMPTY | 550 | UNDERGROUND | 02/10/2001 |
| #8 | CLOSED-RMVD FROM GROUND | EMPTY | 550 | UNDERGROUND | 02/10/2001 |
| #9 | CLOSED-RMVD FROM GROUND | EMPTY | 550 | UNDERGROUND | 02/10/2001 |
| #10 | CLOSED-RMVD FROM GROUND | EMPTY | 550 | UNDERGROUND | 02/10/2001 |
| #11 | CLOSED-RMVD FROM GROUND | EMPTY | 550 | UNDERGROUND | 02/10/2001 |
| #12 | CLOSED-RMVD FROM GROUND | EMPTY | 550 | UNDERGROUND | 02/10/2001 |
| #13 | CLOSED-RMVD FROM GROUND | EMPTY | 550 | UNDERGROUND | 02/10/2001 |
| #14 | CLOSED-RMVD FROM GROUND | EMPTY | 550 | UNDERGROUND | 02/10/2001 |

The following tank(s) were either deleted from the reported data or the number was re-assigned.

| | | | | |
|-----|-----------------|-------|------|-------------|
| 001 | CLOSED-IN PLACE | EMPTY | 1000 | UNDERGROUND |
| 002 | CLOSED-IN PLACE | EMPTY | 0 | UNDERGROUND |
| 003 | CLOSED-IN PLACE | EMPTY | 550 | UNDERGROUND |
| 004 | CLOSED-IN PLACE | EMPTY | 550 | UNDERGROUND |
| 005 | CLOSED-IN PLACE | EMPTY | 550 | UNDERGROUND |
| 006 | CLOSED-IN PLACE | EMPTY | 550 | UNDERGROUND |
| 007 | CLOSED-IN PLACE | EMPTY | 550 | UNDERGROUND |
| 008 | CLOSED-IN PLACE | EMPTY | 550 | UNDERGROUND |
| 009 | CLOSED-IN PLACE | EMPTY | 550 | UNDERGROUND |
| 010 | CLOSED-IN PLACE | EMPTY | 550 | UNDERGROUND |
| 011 | CLOSED-IN PLACE | EMPTY | 550 | UNDERGROUND |
| 012 | CLOSED-IN PLACE | EMPTY | 550 | UNDERGROUND |
| 013 | CLOSED-IN PLACE | EMPTY | 550 | UNDERGROUND |
| 014 | CLOSED-IN PLACE | EMPTY | 550 | UNDERGROUND |

Map Identification Number 324 **KENDALL HALL**
41-10 BOWNE ST

Facility Id 2-202347 **Source: NYS DEC**
FLUSHING, NY 11355

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 985 feet to the ESE

ADDRESS CHANGE INFORMATION
Revised street: 4110 BOWNE ST
Revised zip code: NO CHANGE

Expiration Date of the facility's registration certificate: 07/20/2002
Owner Name: GREEN PARK ESSEX INC
Owner Address: 600 AVE Z
Operator Name: BERT KOEGLER
Facility Type: Apartment Building

BKLYN, NY 11223
Facility Phone #: (718) 359-7300

| TANK NUMBER | TANK STATUS | TANK CONTENT | CAPACITY GALLONS | TANK LOCATION | INSTALL DATE | TEST DATE | CLOSE DATE |
|-------------|-------------|------------------|------------------|---------------|--------------|-----------|------------|
| 001 | IN SERVICE | #5 OR 6 FUEL OIL | 15000 | UNDERGROUND | 12/01/1968 | | |

Map Identification Number 325 **FOXWOOD HOUSE CONDO**
41-07 BOWNE ST

Facility Id 2-305545
FLUSHING, NY 11355

Source: NYS DEC

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 990 feet to the ESE

ADDRESS CHANGE INFORMATION
Revised street: 4107 BOWNE ST
Revised zip code: NO CHANGE

Expiration Date of the facility's registration certificate: 07/14/2002
Owner Name: FOXWOOD HOUSE CONDO
Owner Address: P O BOX 74
Operator Name: JOSE SILBERBERG
Facility Type: Apartment Building

WHITESTONE, NY 11357
Facility Phone #: (718) 961-7588

| TANK NUMBER | TANK STATUS | TANK CONTENT | CAPACITY GALLONS | TANK LOCATION | INSTALL DATE | TEST DATE | CLOSE DATE |
|-------------|-------------|------------------|------------------|---------------|--------------|------------|------------|
| 001 | IN SERVICE | #5 OR 6 FUEL OIL | 5000 | UNDERGROUND | 10/01/1960 | 07/01/1998 | |

Map Identification Number 326 **N H E REALTY CO**
142-09 BARCLAY AVE

Facility Id 2-292753
FLUSHING, NY 11355

Source: NYS DEC

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 992 feet to the SE

ADDRESS CHANGE INFORMATION
Revised street: 14209 BARCLAY AVE
Revised zip code: NO CHANGE

Expiration Date of the facility's registration certificate: 07/14/2002
Owner Name: N H E REALTY CO
Owner Address: P O BOX 454-193-04 HORACE HARDING EXPWY
Operator Name: N H E REALTY CO
Facility Type: Apartment Building

FRESH MEADOWS, NY 11365
Facility Phone #: (718) 264-1420

| TANK NUMBER | TANK STATUS | TANK CONTENT | CAPACITY GALLONS | TANK LOCATION | INSTALL DATE | TEST DATE | CLOSE DATE |
|-------------|-------------|--------------------|------------------|---------------|--------------|------------|------------|
| 001 | IN SERVICE | #1 2 OR 4 FUEL OIL | 3000 | UNDERGROUND | 09/01/1969 | 06/01/1998 | |

Map Identification Number 327 **BARCLAY EQUITIES**
142-19 BARCLAY AVE

Facility Id 2-260444
FLUSHING, NY 11355

Source: NYS DEC

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 998 feet to the SE

ADDRESS CHANGE INFORMATION
Revised street: 14219 BARCLAY AVE
Revised zip code: NO CHANGE

Expiration Date of the facility's registration certificate: 07/10/2002
Owner Name: HENRY KRUMHOLZ
Owner Address: 144-15 41ST AVE

FLUSHING, NY 11355

Operator Name: USSAK KARANT
 Facility Type:

Facility Phone #: (718) 463-3307

| TANK NUMBER | TANK STATUS | TANK CONTENT | CAPACITY GALLONS | TANK LOCATION | INSTALL DATE | TEST DATE | CLOSE DATE |
|-------------|-------------|--------------------|------------------|---------------|--------------|-----------|------------|
| 001 | IN SERVICE | #1 2 OR 4 FUEL OIL | 5000 | ABOVEGROUND | 12/01/1959 | | |

Map Identification Number 328 **MONAHAN FORD SERVICE**
 37-20 PRINCE STREET

Facility Id 2-603371 **Source: NYS DEC**
 FLUSHING, NY 11354

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 1001 feet to the WSW

ADDRESS CHANGE INFORMATION
 Revised street: 3720 PRINCE STREET
 Revised zip code: NO CHANGE

Expiration Date of the facility's registration certificate: 03/11/2003
 Owner Name: PATRICIA MONAGHAM
 Owner Address: 20 ANDOVER CT
 Operator Name: ANDY HERZOG
 Facility Type: Other

MANHASSET, NY 11030
 Facility Phone #: (718) 463-7600

| TANK NUMBER | TANK STATUS | TANK CONTENT | CAPACITY GALLONS | TANK LOCATION | INSTALL DATE | TEST DATE | CLOSE DATE |
|-------------|-------------------------|-------------------|------------------|---------------|--------------|-----------|------------|
| 01 | CLOSED-RMVD FROM GROUND | UNLEADED GASOLINE | 550 | UNDERGROUND | 03/01/1998 | | 03/01/1998 |
| 002 | CLOSED-RMVD FROM GROUND | UNLEADED GASOLINE | 550 | UNDERGROUND | 03/01/1998 | | 03/01/1998 |
| 003 | CLOSED-RMVD FROM GROUND | USED OIL | 275 | UNDERGROUND | 03/01/1998 | | 03/01/1998 |
| 004 | CLOSED-RMVD FROM GROUND | USED OIL | 275 | UNDERGROUND | 03/01/1998 | | 03/01/1998 |
| 005 | CLOSED-RMVD FROM GROUND | USED OIL | 275 | UNDERGROUND | 03/01/1998 | | 03/01/1998 |

Toxicity Information Summary

| CHEMICAL NAME | CAS-NO | ACUTE TOX | TUMOR TOX | MUTAG TOX | REPRO TOX | IRRIT TOX | MCL |
|-------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----|
| UNLEADED GASOLINE | 113373000 | X | X | | | X | |

Map Identification Number 329 **CHATTAN CORP**
 142-27 BARCLAY AVE

Facility Id 2-291196 **Source: NYS DEC**
 FLUSHING, NY 11355

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 1004 feet to the SE

ADDRESS CHANGE INFORMATION
 Revised street: 14227 BARCLAY AVE
 Revised zip code: NO CHANGE

Expiration Date of the facility's registration certificate: 09/19/2002
 Owner Name: HENRY SCHREIBER OR HELEN SCHREIBER
 Owner Address: 68-07 110 ST
 Operator Name: JANUSZ NOWAK
 Facility Type: Apartment Building

FOREST HILLS, NY 11375
 Facility Phone #: (718) 261-9204

| TANK NUMBER | TANK STATUS | TANK CONTENT | CAPACITY GALLONS | TANK LOCATION | INSTALL DATE | TEST DATE | CLOSE DATE |
|-------------|-------------|------------------|------------------|---------------|--------------|-----------|------------|
| 001 | IN SERVICE | #5 OR 6 FUEL OIL | 4000 | UNDERGROUND | | | |

Map Identification Number 330 **143-25 41ST AVE**
 143-25 41ST AVE

Facility Id 2-244104 **Source: NYS DEC**
 FLUSHING, NY 11355

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 1031 feet to the ESE

ADDRESS CHANGE INFORMATION
 Revised street: 14325 41ST AVE
 Revised zip code: NO CHANGE

Expiration Date of the facility's registration certificate: 07/07/2002
 Owner Name: PHYLLIS SIRVLNICK REALTY CORP
 Owner Address: 505 CHESTNUT ST POB 417
 Operator Name: JOE RODRIGUEZ
 Facility Type: Apartment Building

CEDARHURST, NY 11516
 Facility Phone #: (516) 358-8591

| TANK NUMBER | TANK STATUS | TANK CONTENT | CAPACITY GALLONS | TANK LOCATION | INSTALL DATE | TEST DATE | CLOSE DATE |
|-------------|-------------|------------------|------------------|---------------|--------------|-----------|------------|
| 001 | IN SERVICE | #5 OR 6 FUEL OIL | 7500 | UNDERGROUND | | | |

Map Identification Number 331 **STANTON CONDOMINIUM**
 41-40 UNION ST

Facility Id 2-322660 **Source: NYS DEC**
 FLUSHING, NY 11355

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 1042 feet to the SE

ADDRESS CHANGE INFORMATION
 Revised street: 4140 UNION ST
 Revised zip code: NO CHANGE

Expiration Date of the facility's registration certificate: 08/28/2002
 Owner Name: STANTON CONDOMINIUM
 Owner Address: 118-35 QUEENS BLVD
 Operator Name: ADRIAN JOYCE
 Facility Type: Apartment Building

FORST HILLS, NY 11375
 Facility Phone #: (718) 961-7373

| TANK NUMBER | TANK STATUS | TANK CONTENT | CAPACITY GALLONS | TANK LOCATION | INSTALL DATE | TEST DATE | CLOSE DATE |
|-------------|-------------|------------------|------------------|---------------|--------------|-----------|------------|
| 001 | IN SERVICE | #5 OR 6 FUEL OIL | 30000 | UNDERGROUND | 11/01/1973 | | |

Map Identification Number 332 P S 20
 142-30 BARCLAY AV

Facility Id 2-354899
 FLUSHING, NY 11355

Source: NYS DEC

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 1055 feet to the SE

ADDRESS CHANGE INFORMATION
 Revised street: 14230 BARCLAY AV
 Revised zip code: NO CHANGE

Expiration Date of the facility's registration certificate: 06/28/2003
 Owner Name: N.Y.C. BOARD OF EDUCATION
 Owner Address: 28-11 QUEENS PLAZA NORTH
 Operator Name: PLANT OPERATION
 Facility Type:

LONG ISLAND CITY, NY 11101
 Facility Phone #: (718) 391-6000

| TANK NUMBER | TANK STATUS | TANK CONTENT | CAPACITY GALLONS | TANK LOCATION | INSTALL DATE | TEST DATE | CLOSE DATE |
|-------------|-----------------|--------------------|------------------|-------------------------------|--------------|------------|------------|
| 001 | IN SERVICE | #1 2 OR 4 FUEL OIL | 10000 | UNDERGROUND VAULTED W/ ACCESS | | 04/04/2000 | |
| 002 | CLOSED-IN PLACE | #1 2 OR 4 FUEL OIL | 10000 | UNDERGROUND VAULTED W/ ACCESS | | 07/01/1990 | 08/01/1994 |

Map Identification Number 333 FLUSHING H S - Q 460
 35-01 UNION ST

Facility Id 2-352993
 FLUSHING, NY 11355

Source: NYS DEC

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 1070 feet to the N

ADDRESS CHANGE INFORMATION
 Revised street: 3501 UNION ST
 Revised zip code: 11354

Expiration Date of the facility's registration certificate: 06/28/2003
 Owner Name: CITY OF NEW YORK C/O BOARD OF EDUCATION
 Owner Address: 28-11 QUEENS PLAZA NORTH
 Operator Name: PLANT OPERATION
 Facility Type: School

LONG ISLAND CITY, NY 11101
 Facility Phone #: (718) 539-2267

| TANK NUMBER | TANK STATUS | TANK CONTENT | CAPACITY GALLONS | TANK LOCATION | INSTALL DATE | TEST DATE | CLOSE DATE |
|-------------|-------------|------------------|------------------|-------------------------------|--------------|-----------|------------|
| 001 | IN SERVICE | #5 OR 6 FUEL OIL | 20000 | ABOVEGROUND ON LEGS RACKS ETC | | | |
| 002 | IN SERVICE | #5 OR 6 FUEL OIL | 20000 | ABOVEGROUND ON LEGS RACKS ETC | | | |

Map Identification Number 334 FLUSHING MANOR CARE CENTER
 139-66 35 AVENUE

Facility Id 2-090271
 FLUSHING, NY 11354

Source: NYS DEC

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 1072 feet to the N

ADDRESS CHANGE INFORMATION
 Revised street: 13966 35TH AVENUE
 Revised zip code: NO CHANGE

Expiration Date of the facility's registration certificate: 10/23/2002
 Owner Name: SKEK ASSOCIATES
 Owner Address: 141-40 UNION TURNPIKE
 Operator Name: ESTHER BENENSON, ED.D.
 Facility Type: Other

FLUSHING, NY 11367
 Facility Phone #: (718) 961-5300

| TANK NUMBER | TANK STATUS | TANK CONTENT | CAPACITY GALLONS | TANK LOCATION | INSTALL DATE | TEST DATE | CLOSE DATE |
|-------------|-------------|--------------------|------------------|-------------------------------|--------------|-----------|------------|
| 001 | IN SERVICE | #1 2 OR 4 FUEL OIL | 8000 | ABOVEGROUND ON LEGS RACKS ETC | 12/01/1973 | | |

Map Identification Number 335 PUBLIC SCHOOL 23
 138-11 35TH AVE.

Facility Id 2-607138 Source: NYS DEC
 FLUSHING, NY 11354

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 1080 feet to the N

ADDRESS CHANGE INFORMATION
 Revised street: 13811 35TH AVE.
 Revised zip code: NO CHANGE

Expiration Date of the facility's registration certificate: 11/02/2006
 Owner Name: N.Y.C. BOARD OF EDUCATION
 Owner Address: 28-11 QUEENS PLAZA NORTH
 Operator Name: PLANT OPERATION
 Facility Type: School

LONG ISLAND CITY, N.Y. 11101
 Facility Phone #: (718) 391-1600

| TANK NUMBER | TANK STATUS | TANK CONTENT | CAPACITY GALLONS | TANK LOCATION | INSTALL DATE | TEST DATE | CLOSE DATE |
|-------------|-------------|--------------------|------------------|-------------------------------|--------------|-----------|------------|
| 001 | IN SERVICE | #1 2 OR 4 FUEL OIL | 2500 | ABOVEGROUND ON LEGS RACKS ETC | 07/01/2001 | | |

Map Identification Number 336 143-20 37TH AVE
 143-20 37TH AVE

Facility Id 2-107573 Source: NYS DEC
 FLUSHING, NY 11354

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 1085 feet to the ENE

ADDRESS CHANGE INFORMATION
 Revised street: 14320 37TH AVE
 Revised zip code: NO CHANGE

Expiration Date of the facility's registration certificate: 03/24/2007
 Owner Name: DORMIL REALTY CO
 Owner Address: 225 WEST 34TH ST-ROOM 1305
 Operator Name: RAMO DJURICOVIC
 Facility Type: Apartment Building

NEW YORK, NY 10001
 Facility Phone #: (718) 463-7070

| TANK NUMBER | TANK STATUS | TANK CONTENT | CAPACITY GALLONS | TANK LOCATION | INSTALL DATE | TEST DATE | CLOSE DATE |
|-------------|-------------|------------------|------------------|---------------|--------------|-----------|------------|
| 001 | IN SERVICE | #5 OR 6 FUEL OIL | 5000 | ABOVEGROUND | | | |

Map Identification Number 337 **LOR-PET SERVICE STA., LTD.**
 136-35 35TH AVE

Facility Id 2-349291
 FLUSHING, NY 11354

Source: NYS DEC

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 1087 feet to the NNW

ADDRESS CHANGE INFORMATION

Revised street: 13635 35TH AVE
 Revised zip code: NO CHANGE

Expiration Date of the facility's registration certificate: 05/19/2003

Owner Name: ALAN BEISKY
 Owner Address: 67-06 164TH STREET
 Operator Name: ALAN BEISKY
 Facility Type: Retail Gasoline Sales

FLUSHING, NY 11365
 Facility Phone #: (718) 539-4885

| TANK NUMBER | TANK STATUS | TANK CONTENT | CAPACITY GALLONS | TANK LOCATION | INSTALL DATE | TEST DATE | CLOSE DATE |
|-------------|-------------------------|--------------------|------------------|---------------|--------------|------------|------------|
| 001 | CLOSED-RMVD FROM GROUND | UNLEADED GASOLINE | 550 | UNDERGROUND | 10/01/1958 | 09/01/1995 | 12/01/1998 |
| 002 | CLOSED-RMVD FROM GROUND | UNLEADED GASOLINE | 550 | UNDERGROUND | 10/01/1958 | 09/01/1995 | 12/01/1998 |
| 003 | CLOSED-RMVD FROM GROUND | UNLEADED GASOLINE | 550 | UNDERGROUND | 10/01/1958 | 09/01/1995 | 12/01/1998 |
| 004 | CLOSED-RMVD FROM GROUND | UNLEADED GASOLINE | 550 | UNDERGROUND | 10/01/1958 | 09/01/1995 | 12/01/1998 |
| 005 | CLOSED-RMVD FROM GROUND | UNLEADED GASOLINE | 550 | UNDERGROUND | 10/01/1958 | 09/01/1995 | 12/01/1998 |
| 006 | CLOSED-RMVD FROM GROUND | UNLEADED GASOLINE | 550 | UNDERGROUND | 10/01/1958 | 09/01/1995 | 12/01/1998 |
| 007 | CLOSED-RMVD FROM GROUND | UNLEADED GASOLINE | 550 | UNDERGROUND | 10/01/1958 | 09/01/1995 | 12/01/1998 |
| 008 | CLOSED-RMVD FROM GROUND | UNLEADED GASOLINE | 550 | UNDERGROUND | 10/01/1958 | 09/01/1995 | 12/01/1998 |
| 009 | CLOSED-RMVD FROM GROUND | UNLEADED GASOLINE | 550 | UNDERGROUND | 10/01/1958 | 09/01/1995 | 12/01/1998 |
| 010 | CLOSED-RMVD FROM GROUND | UNLEADED GASOLINE | 550 | UNDERGROUND | 10/01/1958 | 09/01/1995 | 12/01/1998 |
| 011 | CLOSED-RMVD FROM GROUND | UNLEADED GASOLINE | 550 | UNDERGROUND | 10/01/1958 | 09/01/1995 | 12/01/1998 |
| 012 | CLOSED-RMVD FROM GROUND | UNLEADED GASOLINE | 550 | UNDERGROUND | 10/01/1958 | 09/01/1995 | 12/01/1998 |
| 013 | CLOSED-CONV NON-REG USE | #1 2 OR 4 FUEL OIL | 550 | UNDERGROUND | 10/01/1958 | | 08/01/1996 |
| 014 | CLOSED-RMVD FROM GROUND | USED OIL | 550 | UNDERGROUND | 10/01/1958 | | 12/01/1998 |

Toxicity Information Summary

| CHEMICAL NAME | CAS-NO | ACUTE TOX | TUMOR TOX | MUTAG TOX | REPRO TOX | IRRIT TOX | MCL |
|-------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----|
| UNLEADED GASOLINE | 113373000 | X | X | | | X | |

Map Identification Number 338 **RUDI & PAUL S/S #2704**
 135-19 35TH AVENUE

Facility Id 2-188662
 FLUSHING, NY 11354

Source: NYS DEC

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 1111 feet to the NW

ADDRESS CHANGE INFORMATION

Revised street: 13519 35TH AVENUE
 Revised zip code: NO CHANGE

Expiration Date of the facility's registration certificate: 06/05/1992

Owner Name: EXXON COMPANY USA

Owner Address: 4550 DACOMA STREET

Operator Name: RUDI FRONK AND PAUL BUROLA

Facility Type:

HOUSTON, TX 77092

Facility Phone #: (718) 359-9237

| TANK NUMBER | TANK STATUS | TANK CONTENT | CAPACITY GALLONS | TANK LOCATION | INSTALL DATE | TEST DATE | CLOSE DATE |
|-------------|----------------------|-------------------|------------------|---------------|--------------|-----------|------------|
| 001 | CLOSED BEFORE 4/1/91 | LEADED GASOLINE | 550 | UNDERGROUND | 12/01/1972 | | |
| 002 | CLOSED BEFORE 4/1/91 | LEADED GASOLINE | 550 | UNDERGROUND | 12/01/1972 | | |
| 003 | CLOSED BEFORE 4/1/91 | UNLEADED GASOLINE | 550 | UNDERGROUND | 12/01/1972 | | |
| 004 | CLOSED BEFORE 4/1/91 | UNLEADED GASOLINE | 550 | UNDERGROUND | 12/01/1972 | | |
| 005 | CLOSED BEFORE 4/1/91 | UNLEADED GASOLINE | 550 | UNDERGROUND | 12/01/1972 | | |
| 006 | CLOSED BEFORE 4/1/91 | UNLEADED GASOLINE | 550 | UNDERGROUND | 12/01/1972 | | |
| 007 | CLOSED BEFORE 4/1/91 | UNLEADED GASOLINE | 550 | UNDERGROUND | 12/01/1972 | | |
| 008 | CLOSED BEFORE 4/1/91 | UNLEADED GASOLINE | 550 | UNDERGROUND | 12/01/1972 | | |
| 009 | CLOSED BEFORE 4/1/91 | UNLEADED GASOLINE | 550 | UNDERGROUND | 12/01/1972 | | |
| 010 | CLOSED BEFORE 4/1/91 | UNLEADED GASOLINE | 550 | UNDERGROUND | 12/01/1972 | | |
| 011 | CLOSED BEFORE 4/1/91 | UNLEADED GASOLINE | 550 | UNDERGROUND | 12/01/1972 | | |
| 012 | CLOSED BEFORE 4/1/91 | UNLEADED GASOLINE | 550 | UNDERGROUND | 12/01/1972 | | |
| 013 | IN SERVICE | OTHER | 275 | UNDERGROUND | 12/01/1972 | | |

Toxicity Information Summary

| CHEMICAL NAME | CAS-NO | ACUTE TOX | TUMOR TOX | MUTAG TOX | REPRO TOX | IRRIT TOX | MCL |
|-------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----|
| UNLEADED GASOLINE | 113373000 | X | X | | | X | |

Map Identification Number 339 KINGSTON
139-55 35TH AVENUE

FLUSHING, NY 11354

Facility Id 2-292451

Source: NYS DEC

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING

Approximate distance from property: 1112 feet to the N

ADDRESS CHANGE INFORMATION

Revised street: 13955 35TH AVENUE

Revised zip code: NO CHANGE

Expiration Date of the facility's registration certificate: 07/07/2002

Owner Name: ANN BENDICK REALTY

Owner Address: 28-16 172ND ST

Operator Name: ANDREZEJ WERZBICKI

Facility Type: Apartment Building

BAYSIDE, NY 11358

Facility Phone #: (718) 461-5670

| TANK NUMBER | TANK STATUS | TANK CONTENT | CAPACITY GALLONS | TANK LOCATION | INSTALL DATE | TEST DATE | CLOSE DATE |
|-------------|-------------|------------------|------------------|---------------|--------------|-----------|------------|
| 001 | IN SERVICE | #5 OR 6 FUEL OIL | 10000 | UNDERGROUND | | | |

Map Identification Number 340 **FLUSHING PLAZA**
41-61 KISSENA BLVD

FLUSHING, NY 11355 **Facility Id 2-322695**

Source: NYS DEC

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1117 feet to the S

ADDRESS CHANGE INFORMATION
Revised street: 4161 KISSENA BLVD
Revised zip code: NO CHANGE

Expiration Date of the facility's registration certificate: 08/28/2002
Owner Name: FLUSHING PLAZA ASSOCIATES #2
Owner Address: 118-35 QUEENS BLVD
Operator Name: STEVE ADDELSON
Facility Type: Other

FOREST HILLS, NY 11375
Facility Phone #: (718) 939-5300

| TANK NUMBER | TANK STATUS | TANK CONTENT | CAPACITY GALLONS | TANK LOCATION | INSTALL DATE | TEST DATE | CLOSE DATE |
|-------------|-------------|--------------------|------------------|---------------|--------------|------------|------------|
| 001 | IN SERVICE | #1 2 OR 4 FUEL OIL | 10000 | UNDERGROUND | 11/01/1973 | 08/01/1999 | |

Map Identification Number 341 **ROSE TERRACE**
139-81 35TH AVENUE

FLUSHING, NY 11354 **Facility Id 2-152390**

Source: NYS DEC

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1124 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: 13981 35TH AVENUE
Revised zip code: NO CHANGE

Expiration Date of the facility's registration certificate: 08/26/2002
Owner Name: CIAMPA 35TH AVE CO
Owner Address: 136-26-37TH AVE
Operator Name: CIAMPA MGMT CORP
Facility Type: Apartment Building

FLUSHING, NY 11354
Facility Phone #: (718) 939-4888

| TANK NUMBER | TANK STATUS | TANK CONTENT | CAPACITY GALLONS | TANK LOCATION | INSTALL DATE | TEST DATE | CLOSE DATE |
|-------------|-------------|--------------------|------------------|---------------|--------------|------------|------------|
| 001 | IN SERVICE | #1 2 OR 4 FUEL OIL | 5000 | UNDERGROUND | 12/01/1971 | 01/01/1999 | |

Map Identification Number 342 **143-43 41ST AVE TENANTS CORP**
143-43 41 ST AVENUE

FLUSHING, NY 11355 **Facility Id 2-362069**

Source: NYS DEC

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1131 feet to the ESE

ADDRESS CHANGE INFORMATION
Revised street: 14343 41ST AVE
Revised zip code: NO CHANGE

Expiration Date of the facility's registration certificate: 10/06/2002
Owner Name: 143-43 41ST AVE. TENANTS CORP.
Owner Address: 143-43 41ST AVENUE

FLUSHING, NY 11355

Operator Name: JUNIOR RUIZ
 Facility Type: Apartment Building

Facility Phone #: (718) 463-7289

| TANK NUMBER | TANK STATUS | TANK CONTENT | CAPACITY GALLONS | TANK LOCATION | INSTALL DATE | TEST DATE | CLOSE DATE |
|-------------|-------------|------------------|------------------|---------------|--------------|-----------|------------|
| 001 | IN SERVICE | #5 OR 6 FUEL OIL | 5000 | ABOVEGROUND | | | |

Map Identification Number 343 HARWYN OWNERS CORP.
 143-40 41ST AVENUE

FLUSHING, NY 11355

Facility Id 2-069213

Source: NYS DEC

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 1148 feet to the ESE

ADDRESS CHANGE INFORMATION
 Revised street: 14340 41ST AVENUE
 Revised zip code: NO CHANGE

Expiration Date of the facility's registration certificate: 01/14/2007
 Owner Name: HARWYN OWNERS CORP
 Owner Address: 67-50 THORNTON PLACE
 Operator Name: JOE CORREA
 Facility Type: Apartment Building

FOREST HILLS, NY 11355
 Facility Phone #: (718) 358-6652

| TANK NUMBER | TANK STATUS | TANK CONTENT | CAPACITY GALLONS | TANK LOCATION | INSTALL DATE | TEST DATE | CLOSE DATE |
|-------------|-------------|--------------------|------------------|---------------|--------------|-----------|------------|
| 001 | IN SERVICE | #1 2 OR 4 FUEL OIL | 6000 | UNDERGROUND | 01/01/1962 | | |

Map Identification Number 344 41ST AVE REALTY
 143-48 41ST AVE

FLUSHING, NY 11355

Facility Id 2-196150

Source: NYS DEC

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 1193 feet to the ESE

ADDRESS CHANGE INFORMATION
 Revised street: 14348 41ST AVE
 Revised zip code: NO CHANGE

Expiration Date of the facility's registration certificate: 07/07/2002
 Owner Name: MICHAEL J SAVINO
 Owner Address: 111-32 76TH AVE
 Operator Name: MICHAEL J SAVINO
 Facility Type: Apartment Building

FOREST HILLS, NY 11375
 Facility Phone #: (718) 445-2397

| TANK NUMBER | TANK STATUS | TANK CONTENT | CAPACITY GALLONS | TANK LOCATION | INSTALL DATE | TEST DATE | CLOSE DATE |
|-------------|-------------|--------------------|------------------|---------------|--------------|-----------|------------|
| 001 | IN SERVICE | #1 2 OR 4 FUEL OIL | 3000 | ABOVEGROUND | | | |

Map Identification Number 345 LINZER PRODUCTS INC.
133-30 37TH AVENUE

Facility Id 2-601710
FLUSHING, NY 13355

Source: NYS DEC

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1219 feet to the WSW

ADDRESS CHANGE INFORMATION
Revised street: 13330 37TH AVE
Revised zip code: 11354

Expiration Date of the facility's registration certificate: 01/27/1999
Owner Name: LINZER PRODUCTS INC.
Owner Address: 133-30 37TH AVENUE
Operator Name: GEORGE PERA
Facility Type: Manufacturing

FLUSHING, NY 11355
Facility Phone #: (718) 761-0903

| TANK NUMBER | TANK STATUS | TANK CONTENT | CAPACITY GALLONS | TANK LOCATION | INSTALL DATE | TEST DATE | CLOSE DATE |
|-------------|-------------------------|--------------------|------------------|---------------|--------------|-----------|------------|
| 001 | CLOSED-RMVD FROM GROUND | #1 2 OR 4 FUEL OIL | 10000 | UNDERGROUND | 12/01/1993 | | 01/01/1994 |

Map Identification Number 346 35-11 PRINCE STREET
35-11 PRINCE STREET

Facility Id 2-294020
FLUSHING QUEENS, NY 11354

Source: NYS DEC

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1225 feet to the WNW

ADDRESS CHANGE INFORMATION
Revised street: 3511 PRINCE STREET
Revised zip code: NO CHANGE

Expiration Date of the facility's registration certificate: 06/07/2005
Owner Name: QP DEVELOPMENT CORP.
Owner Address: 35-11 PRINCE STREET
Operator Name: HYE SOOK CHUN
Facility Type: Other

NEW YORK, NY 11354
Facility Phone #: (718) 445-6677

| TANK NUMBER | TANK STATUS | TANK CONTENT | CAPACITY GALLONS | TANK LOCATION | INSTALL DATE | TEST DATE | CLOSE DATE |
|-------------|-----------------|--------------------|------------------|---------------|--------------|------------|------------|
| 001 | CLOSED-IN PLACE | #1 2 OR 4 FUEL OIL | 2000 | UNDERGROUND | | 09/01/1989 | 12/01/1997 |

Map Identification Number 347 GREEN PARK/SUSSEX
143-06 BARCLAY AVE

Facility Id 2-199176
FLUSHING, NY 11355

Source: NYS DEC

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1225 feet to the ESE

ADDRESS CHANGE INFORMATION
Revised street: 14306 BARCLAY AVE
Revised zip code: NO CHANGE

Expiration Date of the facility's registration certificate: 07/10/2002
Owner Name: BEACH HAVEN APTS #2 INC
Owner Address: 600 AVENUE Z

BROOKLYN, NY 11223

Operator Name: ANN VINET
 Facility Type: Apartment Building

Facility Phone #: (718) 358-0110

| TANK NUMBER | TANK STATUS | TANK CONTENT | CAPACITY GALLONS | TANK LOCATION | INSTALL DATE | TEST DATE | CLOSE DATE |
|-------------|-------------|------------------|------------------|---------------|--------------|-----------|------------|
| 001 | IN SERVICE | #5 OR 6 FUEL OIL | 10000 | UNDERGROUND | 12/01/1952 | | |

Map Identification Number 348 GREEN PARK/ESSEX
 143-23 BARCLAY AVE

Facility Id 2-210692
 FLUSHING, NY 11355

Source: NYS DEC

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 1254 feet to the ESE

ADDRESS CHANGE INFORMATION
 Revised street: 14323 BARCLAY AVE
 Revised zip code: NO CHANGE

Expiration Date of the facility's registration certificate: 08/24/2002
 Owner Name: GREEN PARK/ESSEX INC
 Owner Address: 600 AVE Z
 Operator Name: LUIS CARRERO
 Facility Type: Apartment Building

BROOKLYN, NY 11223
 Facility Phone #: (718) 358-0110

| TANK NUMBER | TANK STATUS | TANK CONTENT | CAPACITY GALLONS | TANK LOCATION | INSTALL DATE | TEST DATE | CLOSE DATE |
|-------------|-------------|------------------|------------------|---------------|--------------|-----------|------------|
| 001 | IN SERVICE | #5 OR 6 FUEL OIL | 10000 | UNDERGROUND | 12/01/1952 | | |

Map Identification Number 349 134-37 35TH AVENUE
 134-25 35TH AVENUE

Facility Id 2-455458
 FLUSHING, NY 11355

Source: NYS DEC

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 1255 feet to the NW

ADDRESS CHANGE INFORMATION
 Revised street: 13425 35TH AVENUE
 Revised zip code: 11354

Expiration Date of the facility's registration certificate: 06/29/2005
 Owner Name: TRUST FBO SIDNEY GINSBERT
 Owner Address: 134-37 35TH AVENUE
 Operator Name: MARK GINSBERG
 Facility Type:

FLUSHING, NY 11355
 Facility Phone #: (516) 883-0707

| TANK NUMBER | TANK STATUS | TANK CONTENT | CAPACITY GALLONS | TANK LOCATION | INSTALL DATE | TEST DATE | CLOSE DATE |
|-------------|-----------------|-------------------|------------------|---------------|--------------|-----------|------------|
| 001 | CLOSED-IN PLACE | DIESEL | 550 | UNDERGROUND | | | 04/01/1995 |
| 002 | CLOSED-IN PLACE | DIESEL | 550 | UNDERGROUND | | | 04/01/1995 |
| 003 | CLOSED-IN PLACE | UNLEADED GASOLINE | 550 | UNDERGROUND | | | 10/01/1996 |
| 004 | CLOSED-IN PLACE | UNLEADED GASOLINE | 550 | UNDERGROUND | | | 10/01/1996 |
| 005 | CLOSED-IN PLACE | DIESEL | 4000 | UNDERGROUND | | | 08/01/1959 |

| | | | | | |
|-----|-------------------------|--------------------|------|-------------|------------|
| 006 | CLOSED-RMVD FROM GROUND | KEROSENE | 275 | ABOVEGROUND | 10/01/1996 |
| 007 | CLOSED-RMVD FROM GROUND | OTHER | 275 | ABOVEGROUND | 10/01/1996 |
| 008 | CLOSED-RMVD FROM GROUND | OTHER | 275 | ABOVEGROUND | 10/01/1996 |
| 009 | CLOSED-RMVD FROM GROUND | OTHER | 115 | ABOVEGROUND | 10/01/1996 |
| 010 | CLOSED-RMVD FROM GROUND | OTHER | 115 | ABOVEGROUND | 10/01/1996 |
| 011 | CLOSED-RMVD FROM GROUND | OTHER | 115 | ABOVEGROUND | 10/01/1996 |
| 012 | CLOSED-IN PLACE | OTHER | 550 | UNDERGROUND | 10/01/1996 |
| 013 | CLOSED-IN PLACE | OTHER | 550 | UNDERGROUND | 10/01/1996 |
| 014 | CLOSED-RMVD FROM GROUND | OTHER | 550 | ABOVEGROUND | 10/01/1996 |
| 015 | CLOSED-RMVD FROM GROUND | OTHER | 275 | ABOVEGROUND | 10/01/1996 |
| 016 | CLOSED-RMVD FROM GROUND | #1 2 OR 4 FUEL OIL | 2000 | UNDERGROUND | 04/01/2000 |

Toxicity Information Summary

| CHEMICAL NAME | CAS-NO | ACUTE TOX | TUMOR TOX | MUTAG TOX | REPRO TOX | IRRIT TOX | MCL |
|-------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----|
| DIESEL | 68334305 | X | X | | | X | |
| UNLEADED GASOLINE | 113373000 | X | X | | | X | |
| KEROSENE | 8008206 | X | X | X | | X | |

Map Identification Number 350 **PARSON'S AUTOCARE** **Facility Id 2-190624** **Source: NYS DEC**
 141-54 NORTHERN BLVD FLUSHING, NY 11354

MAP LOCATION INFORMATION
 Site location mapped by: MANUAL MAPPING (1)
 Approximate distance from property: 1286 feet to the NE

ADDRESS CHANGE INFORMATION
 Revised street: 14154 NORTHERN BLVD
 Revised zip code: NO CHANGE

Expiration Date of the facility's registration certificate: 04/26/2004
 Owner Name: MOTIVA ENTERPRISES, LLC.
 Owner Address: 1100 LOUISIANA ST., SUITE 200 HOUSTON, TX 77002
 Operator Name: TED ZORBAS Facility Phone #: (718) 461-9300
 Facility Type: Retail Gasoline Sales

| TANK NUMBER | TANK STATUS | TANK CONTENT | CAPACITY GALLONS | TANK LOCATION | INSTALL DATE | TEST DATE | CLOSE DATE |
|-------------|----------------------|--------------------|------------------|---------------|--------------|------------|------------|
| 001 | IN SERVICE | UNLEADED GASOLINE | 4000 | UNDERGROUND | 12/01/1971 | 06/01/1997 | |
| 002 | IN SERVICE | UNLEADED GASOLINE | 4000 | UNDERGROUND | 12/01/1971 | 06/01/1997 | |
| 003 | IN SERVICE | UNLEADED GASOLINE | 4000 | UNDERGROUND | 12/01/1971 | 06/01/1997 | |
| 004 | IN SERVICE | UNLEADED GASOLINE | 4000 | UNDERGROUND | 12/01/1978 | 06/01/1997 | |
| 005 | IN SERVICE | UNLEADED GASOLINE | 4000 | UNDERGROUND | 12/01/1978 | 06/01/1997 | |
| 006 | CLOSED BEFORE 4/1/91 | USED OIL | 550 | UNDERGROUND | 12/01/1960 | | |
| 006 | IN SERVICE | USED OIL | 240 | ABOVEGROUND | | | |
| 007 | CLOSED-IN PLACE | #1 2 OR 4 FUEL OIL | 550 | UNDERGROUND | 12/01/1960 | | |
| 008 | CLOSED-IN PLACE | OTHER | 550 | UNDERGROUND | | | |
| 009 | CLOSED-IN PLACE | OTHER | 550 | UNDERGROUND | | | |

| | | | | |
|-----|-----------------|-------|-----|-------------|
| 010 | CLOSED-IN PLACE | OTHER | 550 | UNDERGROUND |
| 011 | CLOSED-IN PLACE | OTHER | 550 | UNDERGROUND |
| 012 | CLOSED-IN PLACE | OTHER | 550 | UNDERGROUND |
| 013 | CLOSED-IN PLACE | OTHER | 550 | UNDERGROUND |
| 014 | CLOSED-IN PLACE | OTHER | 550 | UNDERGROUND |
| 015 | CLOSED-IN PLACE | OTHER | 550 | UNDERGROUND |
| 016 | CLOSED-IN PLACE | OTHER | 550 | UNDERGROUND |
| 017 | CLOSED-IN PLACE | OTHER | 550 | UNDERGROUND |
| 018 | CLOSED-IN PLACE | OTHER | 550 | UNDERGROUND |
| 019 | CLOSED-IN PLACE | OTHER | 550 | UNDERGROUND |

Toxicity Information Summary

| CHEMICAL NAME | CAS-NO | ACUTE TOX | TUMOR TOX | MUTAG TOX | REPRO TOX | IRRIT TOX | MCL |
|-------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----|
| UNLEADED GASOLINE | 113373000 | X | X | | | X | |

Map Identification Number 351 **HERITAGE EAST-WEST** **Facility Id 2-293660** **Source: NYS DEC**
 37-14 PARSONS BLVD FLUSHING, NY 11354

MAP LOCATION INFORMATION ADDRESS CHANGE INFORMATION
 Site location mapped by: ADDRESS MATCHING Revised street: 3714 PARSONS BLVD
 Approximate distance from property: 1300 feet to the ENE Revised zip code: NO CHANGE

Expiration Date of the facility's registration certificate: 07/14/2002
 Owner Name: DIVERSIFIED REALTY CORP
 Owner Address: PO BOX 1200 JERICHO, NY 11753
 Operator Name: KEVIN CULLEN Facility Phone #: (718) 445-1135
 Facility Type: Apartment Building

| TANK NUMBER | TANK STATUS | TANK CONTENT | CAPACITY GALLONS | TANK LOCATION | INSTALL DATE | TEST DATE | CLOSE DATE |
|-------------|-------------|--------------------|------------------|---------------|--------------|------------|------------|
| 001 | IN SERVICE | #1 2 OR 4 FUEL OIL | 5000 | UNDERGROUND | 10/01/1974 | 09/01/1998 | |

Map Identification Number 352 **37-04 PARSONS BLVD** **Facility Id 2-322954** **Source: NYS DEC**
 37-04 PARSONS BLVD FLUSHING, NY 11354

MAP LOCATION INFORMATION ADDRESS CHANGE INFORMATION
 Site location mapped by: ADDRESS MATCHING Revised street: 3704 PARSONS BLVD
 Approximate distance from property: 1301 feet to the ENE Revised zip code: NO CHANGE

Expiration Date of the facility's registration certificate: 12/14/2002
 Owner Name: 3704 ASSOCIATES LLC C/O ORIN MGMT
 Owner Address: PO BOX 1168 FLUSHING, NY 11354

Operator Name: JOE H.
 Facility Type: Apartment Building

Facility Phone #: (718) 961-7875

| TANK NUMBER | TANK STATUS | TANK CONTENT | CAPACITY GALLONS | TANK LOCATION | INSTALL DATE | TEST DATE | CLOSE DATE |
|-------------|-------------|------------------|------------------|---------------|--------------|-----------|------------|
| 001 | IN SERVICE | #5 OR 6 FUEL OIL | 4000 | ABOVEGROUND | | | |

Map Identification Number 353 UNNITED PLUMBING
 134-03 35TH AVENUE

Facility Id 2-604468 Source: NYS DEC
 FLUSHING, NY 11354

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 1310 feet to the NW

ADDRESS CHANGE INFORMATION
 Revised street: 13403 35TH AVENUE
 Revised zip code: NO CHANGE

Expiration Date of the facility's registration certificate: 03/29/2005

Owner Name: JIA SHU XU
 Owner Address: UNITED PLUMBING AND ELECTRICAL
 Operator Name: CHRIS XU
 Facility Type: Trucking/Transporation

FLUSHING, NY 11354
 Facility Phone #: (718) 321-8652

| TANK NUMBER | TANK STATUS | TANK CONTENT | CAPACITY GALLONS | TANK LOCATION | INSTALL DATE | TEST DATE | CLOSE DATE |
|-------------|-------------------------|--------------------|------------------|---------------|--------------|-----------|------------|
| 1 | CLOSED-RMVD FROM GROUND | UNLEADED GASOLINE | 4000 | UNDERGROUND | | | 03/29/2000 |
| 2 | CLOSED-RMVD FROM GROUND | UNLEADED GASOLINE | 4000 | UNDERGROUND | | | 03/29/2000 |
| 3 | CLOSED-RMVD FROM GROUND | UNLEADED GASOLINE | 4000 | UNDERGROUND | | | 03/29/2000 |
| 4 | CLOSED-RMVD FROM GROUND | #1 2 OR 4 FUEL OIL | 1000 | UNDERGROUND | | | 03/29/2000 |

Toxicity Information Summary

| CHEMICAL NAME | CAS-NO | ACUTE TOX | TUMOR TOX | MUTAG TOX | REPRO TOX | IRRIT TOX | MCL |
|-------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----|
| UNLEADED GASOLINE | 113373000 | X | X | | | X | |



*** HAZARDOUS WASTE GENERATORS/TRANSPORTERS IDENTIFIED WITHIN 1/4 MILE SEARCH RADIUS ***

PLEASE NOTE: * Compass directions can vary substantially for sites located very close to the subject property address.

Map Identification Number 354 **NYCDOT** **Facility Id: NYR000006841**
 138TH/37TH AVE FLUSHING, NY 11301
 EPA (RCRA) Name: NYCDOT - MUNICIPAL PARKING
 EPA (RCRA) Address: UNION ST BETW 39TH & 37TH AVE FLUSHING, NY 11354

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 0 feet

ADDRESS CHANGE INFORMATION
 Revised street: 138TH ST/37TH AVE
 Revised zip code: 11354

US EPA RCRA Type: GENERATOR TYPE NOT GIVEN Notification date: 06/16/1995 Part A notification date: 06/16/1995
 Land Disposal: Receives offsite waste: Incinerator:
 Storer: Treatment facility: Transporter:

Historically listed as the following USEPA RCRA Generator Size(s) as well:
 SMALL QUANTITY GENERATOR

US EPA RCRA Violations:
 Violation Area: GENERATOR-ANNUAL REPORTING REQUIREMENTS Responsible Agency: STATE
 Violation Number: 0001 Location: NY Violation Determination Date: 10/07/1996
 Regulation: Violation Return to Compliance: 02/05/1997

NYS DEC Manifested Waste Summary:
 Waste Codes, Waste Units, and Transaction Types are only shown for the most recent year reported.

| WASTE CODE | WASTE DESCRIPTION | WASTE AMOUNT | WASTE UNITS | TRANSACTION TYPE | YEAR |
|------------|-------------------|--------------|-------------|------------------|------|
| D008 | Lead | 8000 | POUNDS | GENERATED | 1995 |

Toxicity Information Summary

| CHEMICAL NAME | CAS-NO | ACUTE TOX | TUMOR TOX | MUTAG TOX | REPRO TOX | IRRIT TOX | MCL |
|---------------|---------|-----------|-----------|-----------|-----------|-----------|-----------|
| Lead | 7439921 | X | X | X | X | | 0.05mg/L* |

Map Identification Number 355 **VELVET TOUCH CLEANERS**
 3902 UNION STREET
 EPA (RCRA) Name: KIS VELVET TOUCH CLEANERS
 EPA (RCRA) Address: 39-02 UNION ST

FLUSHING, NY 11354
 FLUSHING, NY 11354

Facility Id: NYD057435778

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 6 feet to the ESE*

ADDRESS CHANGE INFORMATION
 Revised street: NO CHANGE
 Revised zip code: NO CHANGE

US EPA RCRA Type: CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR
 Land Disposal: Receives offsite waste:
 Storer: Treatment facility:

Notification date: 10/05/1992
 Incinerator:
 Transporter:

Part A notification date: 10/05/1992

NYS DEC Manifested Waste Summary:
 Waste Codes, Waste Units, and Transaction Types are only shown for the most recent year reported.

| WASTE CODE | WASTE DESCRIPTION | WASTE AMOUNT | WASTE UNITS | TRANSACTION TYPE | YEAR |
|------------|----------------------------|--------------|-------------|------------------|------|
| F002 | Spent halogenated solvents | 490 | POUNDS | GENERATED | 1993 |

Map Identification Number 356 **ADT SECURITIES**
 136-25 37TH AVE
 EPA (RCRA) Name: A D T SECURITIES
 EPA (RCRA) Address: 136-25 37TH AVE

FLUSHING, NY 11355
 FLUSHING, NY 11354

Facility Id: NYD987029469

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 212 feet to the WNW

ADDRESS CHANGE INFORMATION
 Revised street: 13625 37TH AVE
 Revised zip code: 11354

US EPA RCRA Type: GENERATOR TYPE NOT GIVEN
 Land Disposal: Receives offsite waste:
 Storer: Treatment facility:

Notification date: 03/04/1993
 Incinerator:
 Transporter:

Part A notification date: 03/04/1993

Historically listed as the following USEPA RCRA Generator Size(s) as well:
 LARGE QUANTITY GENERATOR

NYS DEC Manifested Waste Summary:
 Waste Codes, Waste Units, and Transaction Types are only shown for the most recent year reported.

| WASTE CODE | WASTE DESCRIPTION | WASTE AMOUNT | WASTE UNITS | TRANSACTION TYPE | YEAR |
|------------|---|--------------|-------------|------------------|------|
| D002 | Solid waste that exhibits the characteristic of corrosivity | 3000 | POUNDS | GENERATED | 1993 |

Map Identification Number 357 **CONSOLIDATED EDISON**
 #7564 - UNION ST
 EPA (RCRA) Name: CON ED - V 7564
 EPA (RCRA) Address: N/S ROOSEVELT AVE
 230 E/O UNION ST

QUEENS, NY 11400
 FLUSHING, NY 113680000

Facility Id: NYP004004610

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 246 feet to the SE

ADDRESS CHANGE INFORMATION
 Revised street: UNION ST / ROOSEVELT AV
 Revised zip code: 11354

US EPA RCRA Type: GENERATOR TYPE NOT GIVEN
 Land Disposal: Receives offsite waste:
 Storer: Treatment facility:

Notification date: 0
 Incinerator:
 Transporter:

NYS DEC Manifested Waste Summary:
 Waste Codes, Waste Units, and Transaction Types are only shown for the most recent year reported.

| WASTE CODE | WASTE DESCRIPTION | WASTE AMOUNT | WASTE UNITS | TRANSACTION TYPE | YEAR |
|------------|--|--------------|-------------|------------------|------|
| B003 | Petroleum oil or other liquid containing 500 ppm or greater of PCBs. | 1458 | KILOGRAMS | GENERATED | 1997 |

Toxicity Information Summary

| CHEMICAL NAME | CAS-NO | ACUTE TOX | TUMOR TOX | MUTAG TOX | REPRO TOX | IRRIT TOX | MCL |
|---|---------|-----------|-----------|-----------|-----------|-----------|--------|
| Petroleum oil or other liquid containing 500 ppm or greater | 1336363 | X | X | | X | | 5 ug/L |

Map Identification Number 358 **MACYS #185**
 136-50 ROOSEVELT AVE
 EPA (RCRA) Name: MACYS #185
 EPA (RCRA) Address: 136-50 ROOSEVELT AVE

FLUSHING, NY 11354
 FLUSHING, NY 11354

Facility Id: NYR000108654

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 266 feet to the S

ADDRESS CHANGE INFORMATION
 Revised street: 13650 ROOSEVELT AVE
 Revised zip code: NO CHANGE

US EPA RCRA Type: SMALL QUANTITY GENERATOR
 Land Disposal: Receives offsite waste:
 Storer: Treatment facility:

Notification date: 08/15/2002 Part A notification date: 08/15/2002
 Incinerator:
 Transporter:

NYS DEC Manifested Waste Summary:
 Waste Codes, Waste Units, and Transaction Types are only shown for the most recent year reported.

| WASTE CODE | WASTE DESCRIPTION | WASTE AMOUNT | WASTE UNITS | TRANSACTION TYPE | YEAR |
|------------|--|--------------|-------------|------------------|------|
| D001 | Solid waste that exhibits the characteristic of ignitability | 1320 | POUNDS | GENERATED | 2004 |

NOTE: 2004 waste amounts are for 1/1/04 to 6/14/04 only

Map Identification Number 359 **CONSOLIDATED EDISON** **Facility Id: NYP004015020**
 V8601 - MAIN ST & 38TH AVE QUEENS, NY 11428
 EPA (RCRA) Name: CON ED - V 8601
 EPA (RCRA) Address: MAIN ST W 51 S 38TH AVE FLUSHING, NY 113540000

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 404 feet to the WSW

ADDRESS CHANGE INFORMATION
 Revised street: MAIN ST / 38TH AV
 Revised zip code: 11354

US EPA RCRA Type: GENERATOR TYPE NOT GIVEN
 Land Disposal: Receives offsite waste:
 Storer: Treatment facility:

Notification date: 0
 Incinerator:
 Transporter:

NYS DEC Manifested Waste Summary:
 Waste Codes, Waste Units, and Transaction Types are only shown for the most recent year reported.

| WASTE CODE | WASTE DESCRIPTION | WASTE AMOUNT | WASTE UNITS | TRANSACTION TYPE | YEAR |
|------------|---|--------------|-------------|------------------|------|
| B003 | Petroleum oil or other liquid containing 500 ppm or greater of PCBs. | 1795 | KILOGRAMS | GENERATED | 1998 |
| B007 | Other PCB Wastes including contaminated soil, solids, sludges, clothing, etc. | 390 | KILOGRAMS | GENERATED | 1998 |
| B002 | Petroleum oil or other liquid containing 50 ppm < PCBs < 500 ppm | 1355 | GALLONS | GENERATED | 1997 |

Toxicity Information Summary

| CHEMICAL NAME | CAS-NO | ACUTE TOX | TUMOR TOX | MUTAG TOX | REPRO TOX | IRRIT TOX | MCL |
|---|---------|-----------|-----------|-----------|-----------|-----------|--------|
| Petroleum oil or other liquid containing 500 ppm or greater | 1336363 | X | X | | X | | 5 ug/L |

Map Identification Number 360 **CONSOLIDATED EDISON**
 V8861-38TH & MAIN ST

QUEENS, NY 11400

Facility Id: NYP004068185

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 404 feet to the WSW

ADDRESS CHANGE INFORMATION

Revised street: 38TH AV / MAIN ST
 Revised zip code: 11354

US EPA RCRA (Resource Conservation and Recovery Act) information not reported; Site information reported by NYS DEC.

NYS DEC Manifested Waste Summary:

Waste Codes, Waste Units, and Transaction Types are only shown for the most recent year reported.

| WASTE CODE | WASTE DESCRIPTION | WASTE AMOUNT | WASTE UNITS | TRANSACTION TYPE | YEAR |
|------------|--|--------------|-------------|------------------|------|
| B002 | Petroleum oil or other liquid containing 50 ppm < PCBs < 500 ppm | 974 | KILOGRAMS | GENERATED | 2000 |

Toxicity Information Summary

| CHEMICAL NAME | CAS-NO | ACUTE TOX | TUMOR TOX | MUTAG TOX | REPRO TOX | IRRIT TOX | MCL |
|--|---------|-----------|-----------|-----------|-----------|-----------|--------|
| Petroleum oil or other liquid containing 50 ppm < PCBs < 500 | 1336363 | X | X | | X | | 5 ug/L |

Map Identification Number 361 **NYCTA**
 FLUSHING STATION-QUEENS
 EPA (RCRA) Name: MTA NYCT MAIN STREET STATION 7 LINE
 EPA (RCRA) Address: MAIN ST & ROOSEVELT AVE

FLUSHING, NY NO ZIP PROVIDED

Facility Id: NYR000064196

FLUSHING, NY 11354

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 441 feet to the SW

ADDRESS CHANGE INFORMATION

Revised street: MAIN ST / ROOSEVELT AVE
 Revised zip code: 11354

US EPA RCRA Type: LARGE QUANTITY GENERATOR
 Land Disposal: Receives offsite waste:
 Storer: Treatment facility:

Notification date: 12/04/1998
 Incinerator:
 Transporter:

Part A notification date: 12/04/1998

NYS DEC Manifested Waste Summary:

Waste Codes, Waste Units, and Transaction Types are only shown for the most recent year reported.

| WASTE CODE | WASTE DESCRIPTION | WASTE AMOUNT | WASTE UNITS | TRANSACTION TYPE | YEAR |
|------------|---|--------------|-------------|------------------|------|
| B004 | PCB Articles containing 50 ppm or greater of PCBs but less than 500 ppm PCBs. | 100 | KILOGRAMS | GENERATED | 2003 |

D008 Lead 300 POUNDS GENERATED 1999

Toxicity Information Summary

| CHEMICAL NAME | CAS-NO | ACUTE TOX | TUMOR TOX | MUTAG TOX | REPRO TOX | IRRIT TOX | MCL |
|--|---------|-----------|-----------|-----------|-----------|-----------|-----------|
| PCB Articles containing 50 ppm or greater of PCBs but less t | 1336363 | X | X | | X | | 5 ug/L |
| Lead | 7439921 | X | X | X | X | | 0.05mg/L* |

Map Identification Number 362 MARCELLE FRENCH CLEANERS
 142-60 ROOSEVELT AVENUE
 EPA (RCRA) Name: MARCELLE FRENCH CLEANERS
 EPA (RCRA) Address: 142-40 ROOSEVELT AVE

FLUSHING, NY 11354

Facility Id: NYD981131063

FLUSHING, NY 113546042

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 476 feet to the ESE

ADDRESS CHANGE INFORMATION

Revised street: 14260 ROOSEVELT AVENUE
 Revised zip code: NO CHANGE

US EPA RCRA Type: GENERATOR TYPE NOT GIVEN
 Land Disposal: Receives offsite waste:
 Storer: Treatment facility:

Notification date: 08/12/1985
 Incinerator:
 Transporter:

Part A notification date: 08/12/1985

Historically listed as the following USEPA RCRA Generator Size(s) as well:
 LARGE QUANTITY GENERATOR

NYS DEC Manifested Waste Summary:

Waste Codes, Waste Units, and Transaction Types are only shown for the most recent year reported.

| WASTE CODE | WASTE DESCRIPTION | WASTE AMOUNT | WASTE UNITS | TRANSACTION TYPE | YEAR |
|------------|----------------------------|--------------|-------------|------------------|------|
| F002 | Spent halogenated solvents | 250 | POUNDS | GENERATED | 1997 |
| F002 | Spent halogenated solvents | 1359 | GALLONS | GENERATED | 1996 |

Map Identification Number 363 BELL ATLANTIC-NY
 LINDEN PL/NORTHERN BLVD
 EPA (RCRA) Name: BELL ATLANTIC-NY
 EPA (RCRA) Address: LINDEN PL/NORTHERN BLVD

FLUSHING, NY 00000

Facility Id: NYP000936815

FLUSHING, NY 000000000

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 574 feet to the NW

ADDRESS CHANGE INFORMATION

Revised street: LINDEN PL / NORTHERN BLVD
 Revised zip code: 11354

US EPA RCRA Type: GENERATOR TYPE NOT GIVEN Notification date: 0
 Land Disposal: Receives offsite waste: Incinerator:
 Storer: Treatment facility: Transporter:

NYS DEC Manifested Waste Summary:
 Waste Codes, Waste Units, and Transaction Types are only shown for the most recent year reported.

| WASTE CODE | WASTE DESCRIPTION | WASTE AMOUNT | WASTE UNITS | TRANSACTION TYPE | YEAR |
|------------|-------------------|--------------|-------------|------------------|------|
|------------|-------------------|--------------|-------------|------------------|------|

NONE Site reported by US EPA. No hazardous waste activity reported to NYS.

Map Identification Number 364 **BELL ATLANTIC-NY** **Facility Id: NYP000937060**
 RTHERN BLVD W/O UNION ST USHING NY, NY 00000
 EPA (RCRA) Name: BELL ATLANTIC-NY
 EPA (RCRA) Address: RTHERN BLVD W/O UNION ST USHING NY, NY 0000000
 FL

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 586 feet to the N

ADDRESS CHANGE INFORMATION
 Revised street: NORTHERN BLVD / UNION ST
 Revised zip code: 11354

US EPA RCRA Type: GENERATOR TYPE NOT GIVEN Notification date: 0
 Land Disposal: Receives offsite waste: Incinerator:
 Storer: Treatment facility: Transporter:

NYS DEC Manifested Waste Summary:
 Waste Codes, Waste Units, and Transaction Types are only shown for the most recent year reported.

| WASTE CODE | WASTE DESCRIPTION | WASTE AMOUNT | WASTE UNITS | TRANSACTION TYPE | YEAR |
|------------|-------------------|--------------|-------------|------------------|------|
|------------|-------------------|--------------|-------------|------------------|------|

NONE Site reported by US EPA. No hazardous waste activity reported to NYS.

Map Identification Number 365 **NEW YORK CITY OF** **Facility Id: NY0001012640**
 137-35 NORTHERN BLVD FLUSHING, NY 00000
 EPA (RCRA) Name: NYC FLUSHING TOWN HALL
 EPA (RCRA) Address: 137-35 NORTHERN BLVD FLUSHING, NY 113544120

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 597 feet to the NW

ADDRESS CHANGE INFORMATION
 Revised street: 13735 NORTHERN BLVD
 Revised zip code: 11354

US EPA RCRA Type: GENERATOR TYPE NOT GIVEN
 Land Disposal: Receives offsite waste:
 Storer: Treatment facility:

Notification date: 01/24/1995
 Incinerator:
 Transporter:

Part A notification date: 01/24/1995

Historically listed as the following USEPA RCRA Generator Size(s) as well:
 LARGE QUANTITY GENERATOR

NYS DEC Manifested Waste Summary:
 Waste Codes, Waste Units, and Transaction Types are only shown for the most recent year reported.

| WASTE CODE | WASTE DESCRIPTION | WASTE AMOUNT | WASTE UNITS | TRANSACTION TYPE | YEAR |
|------------|-------------------|--------------|-------------|------------------|------|
| D008 | Lead | 2000 | POUNDS | GENERATED | 1995 |

Toxicity Information Summary

| CHEMICAL NAME | CAS-NO | ACUTE TOX | TUMOR TOX | MUTAG TOX | REPRO TOX | IRRIT TOX | MCL |
|---------------|---------|-----------|-----------|-----------|-----------|-----------|-----------|
| Lead | 7439921 | X | X | X | X | | 0.05mg/L* |

Map Identification Number 366 LAIS AUTO SVC CORP
 137-17 NORTHERN BLVD
 EPA (RCRA) Name: MOBIL OIL CORP SS GYX
 EPA (RCRA) Address: 137-17 NORTHERN BLVD

FLUSHING, NY 11354

Facility Id: NYD986956712

FLUSHING, NY 113544116

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 604 feet to the NW

ADDRESS CHANGE INFORMATION
 Revised street: 13717 NORTHERN BLVD
 Revised zip code: NO CHANGE

US EPA RCRA Type: GENERATOR TYPE NOT GIVEN
 Land Disposal: Receives offsite waste:
 Storer: Treatment facility:

Notification date: 04/10/1991
 Incinerator:
 Transporter:

Part A notification date: 04/10/1991

Historically listed as the following USEPA RCRA Generator Size(s) as well:
 SMALL QUANTITY GENERATOR

NYS DEC Manifested Waste Summary:
 Waste Codes, Waste Units, and Transaction Types are only shown for the most recent year reported.

| WASTE CODE | WASTE DESCRIPTION | WASTE AMOUNT | WASTE UNITS | TRANSACTION TYPE | YEAR |
|------------|---------------------|--------------|-------------|------------------|------|
| D039 | Tetrachloroethylene | 31 | GALLONS | GENERATED | 2004 |

NOTE: 2004 waste amounts are for 1/1/04 to 6/14/04 only

Toxicity Information Summary

| CHEMICAL NAME | CAS-NO | ACUTE TOX | TUMOR TOX | MUTAG TOX | REPRO TOX | IRRIT TOX | MCL |
|---------------------|--------|-----------|-----------|-----------|-----------|-----------|--------|
| Tetrachloroethylene | 127184 | X | X | X | X | X | 5 ug/L |

Map Identification Number 367 **SEARS UNIT 3244**
 137 61 NORTHERN BLVD
 EPA (RCRA) Name: SEARS #3244
 EPA (RCRA) Address: 137-61 NORTHERN BLVD

Facility Id: NYR000115717
 FLUSHING, NY 11354
 FLUSHING, NY 11354

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 607 feet to the N

ADDRESS CHANGE INFORMATION
 Revised street: 13761 NORTHERN BLVD
 Revised zip code: NO CHANGE

US EPA RCRA Type: SMALL QUANTITY GENERATOR
 Land Disposal: Receives offsite waste:
 Storer: Treatment facility:

Notification date: 05/19/2003 Part A notification date: 05/19/2003
 Incinerator:
 Transporter:

NYS DEC Manifested Waste Summary:
 Waste Codes, Waste Units, and Transaction Types are only shown for the most recent year reported.

| WASTE CODE | WASTE DESCRIPTION | WASTE AMOUNT | WASTE UNITS | TRANSACTION TYPE | YEAR |
|------------|--|--------------|-------------|------------------|------|
| D001 | Solid waste that exhibits the characteristic of ignitability | 170 | GALLONS | GENERATED | 2003 |

Map Identification Number 368 **CONSOLIDATED EDISON CO**
 V9370 BOWNE ST & 38TH AVE

Facility Id: NYP004020210
 , NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 633 feet to the ENE

ADDRESS CHANGE INFORMATION
 Revised street: BOWNE ST / 38TH AV
 Revised zip code: 11354

US EPA RCRA (Resource Conservation and Recovery Act) information not reported; Site information reported by NYS DEC.

NYS DEC Manifested Waste Summary:

Waste Codes, Waste Units, and Transaction Types are only shown for the most recent year reported.

| WASTE CODE | WASTE DESCRIPTION | WASTE AMOUNT | WASTE UNITS | TRANSACTION TYPE | YEAR |
|------------|---|--------------|-------------|------------------|------|
| B002 | Petroleum oil or other liquid containing 50 ppm < PCBs < 500 ppm | 2962 | KILOGRAMS | GENERATED | 1998 |
| B007 | Other PCB Wastes including contaminated soil, solids, sludges, clothing, etc. | 454 | KILOGRAMS | GENERATED | 1998 |

Toxicity Information Summary

| CHEMICAL NAME | CAS-NO | ACUTE TOX | TUMOR TOX | MUTAG TOX | REPRO TOX | IRRIT TOX | MCL |
|--|---------|-----------|-----------|-----------|-----------|-----------|--------|
| Petroleum oil or other liquid containing 50 ppm < PCBs < 500 | 1336363 | X | X | | X | | 5 ug/L |

Map Identification Number 369 **CONSOLIDATED EDISON** **Facility Id: NYP004015012**
 V4057 - BOWNE & 38TH AVE QUEENS, NY 11428
 EPA (RCRA) Name: CON ED - V 4057
 EPA (RCRA) Address: BOWNE ST W 55 S 38 AVE FLUSHING, NY 113540000

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 633 feet to the ENE

ADDRESS CHANGE INFORMATION

Revised street: BOWNE ST / 38TH AV
 Revised zip code: 11354

US EPA RCRA Type: GENERATOR TYPE NOT GIVEN
 Land Disposal: Receives offsite waste:
 Storer: Treatment facility:

Notification date: 0
 Incinerator:
 Transporter:

NYS DEC Manifested Waste Summary:

Waste Codes, Waste Units, and Transaction Types are only shown for the most recent year reported.

| WASTE CODE | WASTE DESCRIPTION | WASTE AMOUNT | WASTE UNITS | TRANSACTION TYPE | YEAR |
|------------|---|--------------|-------------|------------------|------|
| B002 | Petroleum oil or other liquid containing 50 ppm < PCBs < 500 ppm | 82 | KILOGRAMS | GENERATED | 1998 |
| B007 | Other PCB Wastes including contaminated soil, solids, sludges, clothing, etc. | 100 | KILOGRAMS | GENERATED | 1998 |

Toxicity Information Summary

| CHEMICAL NAME | CAS-NO | ACUTE TOX | TUMOR TOX | MUTAG TOX | REPRO TOX | IRRIT TOX | MCL |
|--|---------|-----------|-----------|-----------|-----------|-----------|--------|
| Petroleum oil or other liquid containing 50 ppm < PCBs < 500 | 1336363 | X | X | | X | | 5 ug/L |

Map Identification Number 370 **CONSOLIDATED EDISON**
 V5202-BOWNE ST & 38TH AVE
 EPA (RCRA) Name: CON EDISION - V5202
 EPA (RCRA) Address: BOWNE ST @ 38TH AVE. BOWNE ST

QUEENS, NY 11400
 NEW YORK, NY 10003

Facility Id: NYP004072716

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 633 feet to the ENE

ADDRESS CHANGE INFORMATION
 Revised street: BOWNE ST / 38TH AVE
 Revised zip code: 11354

US EPA RCRA Type: LARGE QUANTITY GENERATOR
 Land Disposal: Receives offsite waste:
 Storer: Treatment facility:

Notification date: 0
 Incinerator:
 Transporter:

NYS DEC Manifested Waste Summary:
 Waste Codes, Waste Units, and Transaction Types are only shown for the most recent year reported.

| WASTE CODE | WASTE DESCRIPTION | WASTE AMOUNT | WASTE UNITS | TRANSACTION TYPE | YEAR |
|------------|--|--------------|-------------|------------------|------|
| B002 | Petroleum oil or other liquid containing 50 ppm < PCBs < 500 ppm | 1510 | KILOGRAMS | GENERATED | 2001 |

Toxicity Information Summary

| CHEMICAL NAME | CAS-NO | ACUTE TOX | TUMOR TOX | MUTAG TOX | REPRO TOX | IRRIT TOX | MCL |
|--|---------|-----------|-----------|-----------|-----------|-----------|--------|
| Petroleum oil or other liquid containing 50 ppm < PCBs < 500 | 1336363 | X | X | | X | | 5 ug/L |

Map Identification Number 371 **CONSOLIDATED EDISON CO**
 V8214-BOWNE AND ROOSEVELT

QUEENS, NY 11401

Facility Id: NYP000930107

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 678 feet to the E

ADDRESS CHANGE INFORMATION
 Revised street: BOWNE ST / ROOSEVELT AVE
 Revised zip code: 11354

US EPA RCRA (Resource Conservation and Recovery Act) information not reported; Site information reported by NYS DEC.

NYS DEC Manifested Waste Summary:
 Waste Codes, Waste Units, and Transaction Types are only shown for the most recent year reported.

| WASTE CODE | WASTE DESCRIPTION | WASTE AMOUNT | WASTE UNITS | TRANSACTION TYPE | YEAR |
|------------|--|--------------|-------------|------------------|------|
| NONE | No hazardous waste activity reported to NYS up to 6/14/2004. | | | | |

Map Identification Number 372 CONSOLIDATED EDISON CO
 V9156 UNION & 41

, NY NO ZIP PROVIDED

Facility Id: NYP004019840

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 690 feet to the SE

ADDRESS CHANGE INFORMATION

Revised street: UNION ST / 41ST AV
 Revised zip code: 11355

US EPA RCRA (Resource Conservation and Recovery Act) information not reported; Site information reported by NYS DEC.

NYS DEC Manifested Waste Summary:

Waste Codes, Waste Units, and Transaction Types are only shown for the most recent year reported.

| WASTE CODE | WASTE DESCRIPTION | WASTE AMOUNT | WASTE UNITS | TRANSACTION TYPE | YEAR |
|------------|--|--------------|-------------|------------------|------|
| B002 | Petroleum oil or other liquid containing 50 ppm < PCBs < 500 ppm | 1036 | KILOGRAMS | GENERATED | 1998 |

Toxicity Information Summary

| CHEMICAL NAME | CAS-NO | ACUTE TOX | TUMOR TOX | MUTAG TOX | REPRO TOX | IRRIT TOX | MCL |
|--|---------|-----------|-----------|-----------|-----------|-----------|--------|
| Petroleum oil or other liquid containing 50 ppm < PCBs < 500 | 1336363 | X | X | | X | | 5 ug/L |

Map Identification Number 373 PIP PRINTING 565
 3609 MAIN ST
 EPA (RCRA) Name: PIP PRINTING 565
 EPA (RCRA) Address: 3609 MAIN ST

FLUSHING, NY 11354

Facility Id: NYD986973808

FLUSHING, NY 11354

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 700 feet to the WNW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: NO CHANGE

US EPA RCRA Type: GENERATOR TYPE NOT GIVEN
 Land Disposal: Receives offsite waste:
 Storer: Treatment facility:

Notification date: 09/11/1991
 Incinerator:
 Transporter:

Part A notification date: 09/11/1991

Historically listed as the following USEPA RCRA Generator Size(s) as well:
 SMALL QUANTITY GENERATOR

NYS DEC Manifested Waste Summary:

Waste Codes, Waste Units, and Transaction Types are only shown for the most recent year reported.

| WASTE CODE | WASTE DESCRIPTION | WASTE AMOUNT | WASTE UNITS | TRANSACTION TYPE | YEAR |
|------------|-------------------|--------------|-------------|------------------|------|
| D011 | Silver | 10 | GALLONS | GENERATED | 2001 |
| D011 | Silver | 432 | POUNDS | GENERATED | 2001 |

Toxicity Information Summary

| CHEMICAL NAME | CAS-NO | ACUTE TOX | TUMOR TOX | MUTAG TOX | REPRO TOX | IRRIT TOX | MCL |
|---------------|---------|-----------|-----------|-----------|-----------|-----------|-----------|
| Silver | 7440224 | | X | | | | 0.05mg/L* |

Map Identification Number 374 ST GEORGE CHURCH **Facility Id: NYR000086868**
 135-32 38TH AVE
 FLUSHING, NY 11354
 EPA (RCRA) Name: ST GEORGES CHURCH
 EPA (RCRA) Address: 135-32 38TH AVE
 FLUSHING, NY 11354

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 776 feet to the WSW

ADDRESS CHANGE INFORMATION
 Revised street: 13532 38TH AVE
 Revised zip code: NO CHANGE

US EPA RCRA Type: SMALL QUANTITY GENERATOR
 Land Disposal: Receives offsite waste:
 Storer: Treatment facility:

Notification date: 06/06/2000
 Incinerator:
 Transporter:

Part A notification date: 06/06/2000

NYS DEC Manifested Waste Summary:
 Waste Codes, Waste Units, and Transaction Types are only shown for the most recent year reported.

| WASTE CODE | WASTE DESCRIPTION | WASTE AMOUNT | WASTE UNITS | TRANSACTION TYPE | YEAR |
|------------|--|--------------|-------------|------------------|------|
| D001 | Solid waste that exhibits the characteristic of ignitability | 55 | GALLONS | GENERATED | 2000 |

Map Identification Number 375 FORSTER BROTHERS INCORPORATED **Facility Id: NYD012360558**
 39-15 PRINCE STREET
 FLUSHING, NY 11354
 EPA (RCRA) Name: FORSTER BROS INC
 EPA (RCRA) Address: 39-15 PRINCE ST
 FLUSHING, NY 11354

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 914 feet to the WSW

ADDRESS CHANGE INFORMATION
 Revised street: 3915 PRINCE STREET
 Revised zip code: NO CHANGE

US EPA RCRA Type: SMALL QUANTITY GENERATOR
 Land Disposal: Receives offsite waste:
 Storer: Treatment facility:

Notification date: 08/30/1985
 Incinerator:
 Transporter:

Part A notification date: 08/30/1985

Historically listed as the following USEPA RCRA Generator Size(s) as well:
 LARGE QUANTITY GENERATOR

NYS DEC Manifested Waste Summary:
 Waste Codes, Waste Units, and Transaction Types are only shown for the most recent year reported.

| WASTE CODE | WASTE DESCRIPTION | WASTE AMOUNT | WASTE UNITS | TRANSACTION TYPE | YEAR |
|------------|--|--------------|-------------|------------------|------|
| F005 | Spent non-halogenated solvents | 50 | GALLONS | GENERATED | 1999 |
| F005 | Spent non-halogenated solvents | 108 | POUNDS | GENERATED | 1999 |
| F003 | Spent non-halogenated solvents | 110 | GALLONS | GENERATED | 1998 |
| F003 | Spent non-halogenated solvents | 27 | POUNDS | GENERATED | 1993 |
| D001 | Solid waste that exhibits the characteristic of ignitability | 1120 | GALLONS | GENERATED | 1987 |

Map Identification Number 376 ROMANO VALET CLEANERS
 4133 KISSENA BLVD
 EPA (RCRA) Name: ROMANO VALET CLEANERS
 EPA (RCRA) Address: 41-33 KISSENA BLVD

FLUSHING, NY 11355
 FLUSHING, NY 11355

Facility Id: NYD105863559

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 915 feet to the S

ADDRESS CHANGE INFORMATION
 Revised street: NO CHANGE
 Revised zip code: NO CHANGE

US EPA RCRA Type: GENERATOR TYPE NOT GIVEN
 Land Disposal: Receives offsite waste:
 Storer: Treatment facility:

Notification date: 05/16/1986
 Incinerator:
 Transporter:

Part A notification date: 05/16/1986

Historically listed as the following USEPA RCRA Generator Size(s) as well:
 LARGE QUANTITY GENERATOR
 SMALL QUANTITY GENERATOR

NYS DEC Manifested Waste Summary:
 Waste Codes, Waste Units, and Transaction Types are only shown for the most recent year reported.

| WASTE CODE | WASTE DESCRIPTION | WASTE AMOUNT | WASTE UNITS | TRANSACTION TYPE | YEAR |
|------------|----------------------------|--------------|-------------|------------------|------|
| F002 | Spent halogenated solvents | 780 | POUNDS | GENERATED | 2000 |

Map Identification Number 377 **KENT ELECTRO-PLATING CORP**
 36-34 PRINCE ST
 EPA (RCRA) Name: KENT ELECTRO-PLATING CORP
 EPA (RCRA) Address: 36-34 PRINCE ST

FLUSHING, NY 11354
 FLUSHING, NY 113544093

Facility Id: NYD001887058

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 934 feet to the W

ADDRESS CHANGE INFORMATION

Revised street: 3634 PRINCE ST
 Revised zip code: NO CHANGE

US EPA RCRA Type: GENERATOR TYPE NOT GIVEN
 Land Disposal: Receives offsite waste:
 Storer: Treatment facility:

Notification date: 10/24/1980
 Incinerator:
 Transporter:

Part A notification date: 10/24/1980

Historically listed as the following USEPA RCRA Generator Size(s) as well:
 LARGE QUANTITY GENERATOR

US EPA RCRA Violations:

Violation Area: GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
 Violation Number: 0001 Location: NY
 Regulation:

Responsible Agency: OVERSIGHT
 Violation Determination Date: 09/13/1985
 Violation Return to Compliance: 08/01/1987

NYS DEC Manifested Waste Summary:

Waste Codes, Waste Units, and Transaction Types are only shown for the most recent year reported.

| WASTE CODE | WASTE DESCRIPTION | WASTE AMOUNT | WASTE UNITS | TRANSACTION TYPE | YEAR |
|------------|-------------------|--------------|-------------|------------------|------|
|------------|-------------------|--------------|-------------|------------------|------|

NONE Site reported by US EPA. No hazardous waste activity reported to NYS.

Map Identification Number 378 **HUTTER AUTO BODY INCORPORATED**
 133-53 37TH AVENUE
 EPA (RCRA) Name: HUTTER AUTO BODY INC
 EPA (RCRA) Address: 133-53 37TH AVE

FLUSHING, NY 11354
 FLUSHING, NY 11354

Facility Id: NYD981132640

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 957 feet to the W

ADDRESS CHANGE INFORMATION

Revised street: 13353 37TH AVENUE
 Revised zip code: NO CHANGE

US EPA RCRA Type: GENERATOR TYPE NOT GIVEN
 Land Disposal: Receives offsite waste:
 Storer: Treatment facility:

Notification date: 08/26/1985
 Incinerator:
 Transporter:

Part A notification date: 08/26/1985

NYS DEC Manifested Waste Summary:
 Waste Codes, Waste Units, and Transaction Types are only shown for the most recent year reported.

| WASTE CODE | WASTE DESCRIPTION | WASTE AMOUNT | WASTE UNITS | TRANSACTION TYPE | YEAR |
|------------|--|--------------|-------------|------------------|------|
| F005 | Spent non-halogenated solvents | 210 | GALLONS | GENERATED | 1989 |
| D001 | Solid waste that exhibits the characteristic of ignitability | 210 | GALLONS | GENERATED | 1987 |

Map Identification Number 379 **DAVIS AUTO BODY QUAILE CORP**
 35-25 FARRINGTON STREET
 EPA (RCRA) Name: DAVIS AUTO BODY-QUAILE CORP
 EPA (RCRA) Address: 35-25 FARINGTON ST

Facility Id: NYD982180093

FLUSHING, NY 11354
 FLUSHING, NY 113542826

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 976 feet to the NW

ADDRESS CHANGE INFORMATION
 Revised street: 3525 FARRINGTON STREET
 Revised zip code: NO CHANGE

US EPA RCRA Type: GENERATOR TYPE NOT GIVEN
 Land Disposal: Receives offsite waste:
 Storer: Treatment facility:

Notification date: 03/26/1987 Part A notification date: 03/26/1987
 Incinerator:
 Transporter:

Historically listed as the following USEPA RCRA Generator Size(s) as well:
 SMALL QUANTITY GENERATOR

NYS DEC Manifested Waste Summary:
 Waste Codes, Waste Units, and Transaction Types are only shown for the most recent year reported.

| WASTE CODE | WASTE DESCRIPTION | WASTE AMOUNT | WASTE UNITS | TRANSACTION TYPE | YEAR |
|------------|--|--------------|-------------|------------------|------|
| F003 | Spent non-halogenated solvents | 110 | GALLONS | GENERATED | 1991 |
| F005 | Spent non-halogenated solvents | 110 | GALLONS | GENERATED | 1988 |
| D001 | Solid waste that exhibits the characteristic of ignitability | 90 | GALLONS | GENERATED | 1987 |

Map Identification Number 380 **MONAHAN FORD CORPORATION**
 37-20 PRINCE STREET
 EPA (RCRA) Name: MONAHAN FOOD CORP
 EPA (RCRA) Address: 37-20 PRINCE ST

Facility Id: NYD981562747

FLUSHING, NY 11354
 FLUSHING, NY 113544429

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 1001 feet to the WSW

ADDRESS CHANGE INFORMATION
 Revised street: 3720 PRINCE STREET
 Revised zip code: NO CHANGE

US EPA RCRA Type: GENERATOR TYPE NOT GIVEN
 Land Disposal: Receives offsite waste:
 Storer: Treatment facility:

Notification date: 10/08/1986
 Incinerator:
 Transporter:

Part A notification date: 10/08/1986

Historically listed as the following USEPA RCRA Generator Size(s) as well:
 LARGE QUANTITY GENERATOR

NYS DEC Manifested Waste Summary:
 Waste Codes, Waste Units, and Transaction Types are only shown for the most recent year reported.

| WASTE CODE | WASTE DESCRIPTION | WASTE AMOUNT | WASTE UNITS | TRANSACTION TYPE | YEAR |
|------------|--|--------------|-------------|------------------|------|
| D001 | Solid waste that exhibits the characteristic of ignitability | 16 | GALLONS | GENERATED | 1997 |
| D039 | Tetrachloroethylene | 89 | GALLONS | GENERATED | 1997 |
| D001 | Solid waste that exhibits the characteristic of ignitability | 1405 | POUNDS | GENERATED | 1986 |
| F002 | Spent halogenated solvents | 180 | POUNDS | GENERATED | 1986 |

Toxicity Information Summary

| CHEMICAL NAME | CAS-NO | ACUTE TOX | TUMOR TOX | MUTAG TOX | REPRO TOX | IRRIT TOX | MCL |
|---------------------|--------|-----------|-----------|-----------|-----------|-----------|--------|
| Tetrachloroethylene | 127184 | X | X | X | X | X | 5 ug/L |

Map Identification Number 381 **CONSOLIDATED EDISON**
 34 67 LEAVITT & 35 AVE

QUEENS, NY 11401

Facility Id: NYP004102182

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 1058 feet to the N

ADDRESS CHANGE INFORMATION
 Revised street: LEAVITT ST / 35TH AV
 Revised zip code: 11354

US EPA RCRA (Resource Conservation and Recovery Act) information not reported; Site information reported by NYS DEC.

NYS DEC Manifested Waste Summary:
 Waste Codes, Waste Units, and Transaction Types are only shown for the most recent year reported.

| WASTE CODE | WASTE DESCRIPTION | WASTE AMOUNT | WASTE UNITS | TRANSACTION TYPE | YEAR |
|------------|-------------------|--------------|-------------|------------------|------|
| D018 | BENZENE | 110 | GALLONS | GENERATED | 2002 |
| D018 | BENZENE | 50 | POUNDS | GENERATED | 2002 |

Toxicity Information Summary

| CHEMICAL NAME | CAS-NO | ACUTE TOX | TUMOR TOX | MUTAG TOX | REPRO TOX | IRRIT TOX | MCL |
|---------------|--------|-----------|-----------|-----------|-----------|-----------|--------|
| BENZENE | 71432 | X | X | X | X | X | 5 ug/L |

Map Identification Number 382 **NYCDEP** **Facility Id: NYP01000818**
 35TH & LEAVITT ST FLUSHING, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION ADDRESS CHANGE INFORMATION
 Site location mapped by: ADDRESS MATCHING Revised street: 35TH AVE / LEAVITT ST
 Approximate distance from property: 1058 feet to the N Revised zip code: 11354

US EPA RCRA (Resource Conservation and Recovery Act) information not reported; Site information reported by NYS DEC.

NYS DEC Manifested Waste Summary:
 Waste Codes, Waste Units, and Transaction Types are only shown for the most recent year reported.

| WASTE CODE | WASTE DESCRIPTION | WASTE AMOUNT | WASTE UNITS | TRANSACTION TYPE | YEAR |
|------------|--|--------------|-------------|------------------|------|
| D001 | Solid waste that exhibits the characteristic of ignitability | 5 | GALLONS | GENERATED | 1992 |

Map Identification Number 383 **CONSOLIDATED EDISON** **Facility Id: NYP000930024**
 V8628-LINDEN PL & 35TH AVE BROOKLYN, NY 11201
 EPA (RCRA) Name: CON ED - TM 3225
 EPA (RCRA) Address: N/S 38 ST 45' W/O 4TH AVE BROOKLYN, NY 112350000

MAP LOCATION INFORMATION ADDRESS CHANGE INFORMATION
 Site location mapped by: ADDRESS MATCHING Revised street: LINDEN PL / 35TH AVE
 Approximate distance from property: 1064 feet to the NNW Revised zip code: 11354

US EPA RCRA Type: GENERATOR TYPE NOT GIVEN Notification date: 0
 Land Disposal: Receives offsite waste: Incinerator:
 Storer: Treatment facility: Transporter:

NYS DEC Manifested Waste Summary:
 Waste Codes, Waste Units, and Transaction Types are only shown for the most recent year reported.

| WASTE CODE | WASTE DESCRIPTION | WASTE AMOUNT | WASTE UNITS | TRANSACTION TYPE | YEAR |
|------------|--|--------------|-------------|------------------|------|
| B003 | Petroleum oil or other liquid containing 500 ppm or greater of PCBs. | 1764 | KILOGRAMS | GENERATED | 1997 |

Toxicity Information Summary

| CHEMICAL NAME | CAS-NO | ACUTE TOX | TUMOR TOX | MUTAG TOX | REPRO TOX | IRRIT TOX | MCL |
|---|---------|-----------|-----------|-----------|-----------|-----------|--------|
| Petroleum oil or other liquid containing 500 ppm or greater | 1336363 | X | X | | X | | 5 ug/L |

Map Identification Number 384 **CONSOLIDATED EDISON** **Facility Id: NYP004007266**
 0500 - LINDEN PL & 35 AVE QUEENS, NY 11400

MAP LOCATION INFORMATION ADDRESS CHANGE INFORMATION
 Site location mapped by: ADDRESS MATCHING Revised street: LINDEN PL / 35TH AV
 Approximate distance from property: 1064 feet to the NNW Revised zip code: 11354

US EPA RCRA (Resource Conservation and Recovery Act) information not reported; Site information reported by NYS DEC.

NYS DEC Manifested Waste Summary:
 Waste Codes, Waste Units, and Transaction Types are only shown for the most recent year reported.

| WASTE CODE | WASTE DESCRIPTION | WASTE AMOUNT | WASTE UNITS | TRANSACTION TYPE | YEAR |
|------------|--|--------------|-------------|------------------|------|
| B003 | Petroleum oil or other liquid containing 500 ppm or greater of PCBs. | 673 | KILOGRAMS | GENERATED | 1997 |

Toxicity Information Summary

| CHEMICAL NAME | CAS-NO | ACUTE TOX | TUMOR TOX | MUTAG TOX | REPRO TOX | IRRIT TOX | MCL |
|---|---------|-----------|-----------|-----------|-----------|-----------|--------|
| Petroleum oil or other liquid containing 500 ppm or greater | 1336363 | X | X | | X | | 5 ug/L |

Map Identification Number 385 **CONSOLIDATED EDISON** **Facility Id: NYP004016994**
 V3856-35TH AVE & LINDEN PL QUEENS, NY 11428

MAP LOCATION INFORMATION ADDRESS CHANGE INFORMATION
 Site location mapped by: ADDRESS MATCHING Revised street: 35TH AV / LINDEN PL
 Approximate distance from property: 1064 feet to the NNW Revised zip code: 11354

US EPA RCRA (Resource Conservation and Recovery Act) information not reported; Site information reported by NYS DEC.

NYS DEC Manifested Waste Summary:

Waste Codes, Waste Units, and Transaction Types are only shown for the most recent year reported.

| WASTE CODE | WASTE DESCRIPTION | WASTE AMOUNT | WASTE UNITS | TRANSACTION TYPE | YEAR |
|------------|---|--------------|-------------|------------------|------|
| B002 | Petroleum oil or other liquid containing 50 ppm < PCBs < 500 ppm | 1355 | KILOGRAMS | GENERATED | 1998 |
| B007 | Other PCB Wastes including contaminated soil, solids, sludges, clothing, etc. | 105 | KILOGRAMS | GENERATED | 1998 |

Toxicity Information Summary

| CHEMICAL NAME | CAS-NO | ACUTE TOX | TUMOR TOX | MUTAG TOX | REPRO TOX | IRRIT TOX | MCL |
|--|---------|-----------|-----------|-----------|-----------|-----------|--------|
| Petroleum oil or other liquid containing 50 ppm < PCBs < 500 | 1336363 | X | X | | X | | 5 ug/L |

Map Identification Number 386 **NEW YORK CITY BOARD OF EDUCATION**
 FLUSHING HIGH SCHOOL
 EPA (RCRA) Name: NYC BD OF ED - FLUSHING HIGH SCHOOL
 EPA (RCRA) Address: 35-01 UNION ST

Facility Id: NYD100382712
 FLUSHING, NY NO ZIP PROVIDED
 FLUSHING, NY 113543405

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 1070 feet to the N

ADDRESS CHANGE INFORMATION
 Revised street: 3501 UNION ST
 Revised zip code: 11354

US EPA RCRA Type: SMALL QUANTITY GENERATOR
 Land Disposal: Receives offsite waste:
 Storer: Treatment facility:

Notification date: 12/08/1999 Part A notification date: 12/08/1999
 Incinerator:
 Transporter:

NYS DEC Manifested Waste Summary:

Waste Codes, Waste Units, and Transaction Types are only shown for the most recent year reported.

| WASTE CODE | WASTE DESCRIPTION | WASTE AMOUNT | WASTE UNITS | TRANSACTION TYPE | YEAR |
|------------|--|--------------|-------------|------------------|------|
| D008 | Lead | 5600 | POUNDS | GENERATED | 2004 |
| D001 | Solid waste that exhibits the characteristic of ignitability | 14 | POUNDS | GENERATED | 2002 |
| D002 | Solid waste that exhibits the characteristic of corrosivity | 8 | POUNDS | GENERATED | 2002 |
| D003 | Solid waste that exhibits the characteristic of reactivity | 1 | POUNDS | GENERATED | 2002 |
| U005 | Acetamide, N-9H-fluoren-2-yl- | 4 | POUNDS | GENERATED | 2002 |
| D007 | Chromium | 140 | POUNDS | GENERATED | 1999 |
| D009 | Mercury | 24 | POUNDS | GENERATED | 1999 |

NOTE: 2004 waste amounts are for 1/1/04 to 6/14/04 only

Toxicity Information Summary

| CHEMICAL NAME | CAS-NO | ACUTE TOX | TUMOR TOX | MUTAG TOX | REPRO TOX | IRRIT TOX | MCL |
|-------------------------------|---------|-----------|-----------|-----------|-----------|-----------|-----------|
| Lead | 7439921 | X | X | X | X | | 0.05mg/L* |
| Acetamide, N-9H-fluoren-2-yl- | 53963 | X | X | X | X | | 50 ug/L |
| Chromium | 7440473 | X | X | | | | 50ug/L* |
| Mercury | 7439976 | X | X | X | X | | .002mg/L* |

Map Identification Number 387 **CONSOLIDATED EDISON**
 V2983-35TH AVE & UNION ST

QUEENS, NY 11400

Facility Id: NYD004068979

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 1075 feet to the N

ADDRESS CHANGE INFORMATION

Revised street: 35TH AVE / UNION ST
 Revised zip code: 11354

US EPA RCRA (Resource Conservation and Recovery Act) information not reported; Site information reported by NYS DEC.

NYS DEC Manifested Waste Summary:

Waste Codes, Waste Units, and Transaction Types are only shown for the most recent year reported.

| WASTE CODE | WASTE DESCRIPTION | WASTE AMOUNT | WASTE UNITS | TRANSACTION TYPE | YEAR |
|------------|-------------------|--------------|-------------|------------------|------|
|------------|-------------------|--------------|-------------|------------------|------|

NONE No hazardous waste activity reported to NYS up to 6/14/2004.

Map Identification Number 388 **CONSOLIDATED EDISON**
 V2983-35TH AVE & UNION ST

QUEENS, NY 11400

Facility Id: NYP004068979

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 1075 feet to the N

ADDRESS CHANGE INFORMATION

Revised street: 35TH AVE / UNION ST
 Revised zip code: 11354

US EPA RCRA (Resource Conservation and Recovery Act) information not reported; Site information reported by NYS DEC.

NYS DEC Manifested Waste Summary:

Waste Codes, Waste Units, and Transaction Types are only shown for the most recent year reported.

| WASTE CODE | WASTE DESCRIPTION | WASTE AMOUNT | WASTE UNITS | TRANSACTION TYPE | YEAR |
|------------|--|--------------|-------------|------------------|------|
| B002 | Petroleum oil or other liquid containing 50 ppm < PCBs < 500 ppm | 1110 | KILOGRAMS | GENERATED | 2000 |

Toxicity Information Summary

| CHEMICAL NAME | CAS-NO | ACUTE TOX | TUMOR TOX | MUTAG TOX | REPRO TOX | IRRIT TOX | MCL |
|--|---------|-----------|-----------|-----------|-----------|-----------|--------|
| Petroleum oil or other liquid containing 50 ppm < PCBs < 500 | 1336363 | X | X | | X | | 5 ug/L |

Map Identification Number 389 **QUEENS ACADEMY OF THE OUTREACH PROGRAM** **Facility Id: NYN008010670**
 138-11 35TH ST FLUSHING, NY 11354
 EPA (RCRA) Name: QUEENS ACADEMY OF THE OUTREACH PROGRAM
 EPA (RCRA) Address: 138-11 35TH ST FLUSHING, NY 11354

MAP LOCATION INFORMATION ADDRESS CHANGE INFORMATION
 Site location mapped by: ADDRESS MATCHING Revised street: 13811 35TH AV
 Approximate distance from property: 1080 feet to the N Revised zip code: NO CHANGE

US EPA RCRA Type: GENERATOR TYPE NOT GIVEN Notification date: 0
 Land Disposal: Receives offsite waste: Incinerator:
 Storer: Treatment facility: Transporter:

NYS DEC Manifested Waste Summary:
 Waste Codes, Waste Units, and Transaction Types are only shown for the most recent year reported.

| WASTE CODE | WASTE DESCRIPTION | WASTE AMOUNT | WASTE UNITS | TRANSACTION TYPE | YEAR |
|------------|---|--------------|-------------|------------------|------|
| NONE | Site reported by US EPA. No hazardous waste activity reported to NYS. | | | | |

Map Identification Number 390 **SERVICE STATION** **Facility Id: NYD000702597**
 136-35 35TH AVE FLUSHING, NY 11354
 EPA (RCRA) Name: SERVICE STATION
 EPA (RCRA) Address: 136-35 35TH AVE FLUSHING, NY 113542925

MAP LOCATION INFORMATION ADDRESS CHANGE INFORMATION
 Site location mapped by: ADDRESS MATCHING Revised street: 13635 35TH AVE
 Approximate distance from property: 1087 feet to the NNW Revised zip code: NO CHANGE

US EPA RCRA Type: GENERATOR TYPE NOT GIVEN
 Land Disposal: Receives offsite waste:
 Storer: Treatment facility:

Notification date: 08/18/1980
 Incinerator:
 Transporter:

Part A notification date: 08/18/1980

Historically listed as the following USEPA RCRA Generator Size(s) as well:
 LARGE QUANTITY GENERATOR

NYS DEC Manifested Waste Summary:
 Waste Codes, Waste Units, and Transaction Types are only shown for the most recent year reported.

| WASTE CODE | WASTE DESCRIPTION | WASTE AMOUNT | WASTE UNITS | TRANSACTION TYPE | YEAR |
|------------|-------------------|--------------|-------------|------------------|------|
|------------|-------------------|--------------|-------------|------------------|------|

NONE Site reported by US EPA. No hazardous waste activity reported to NYS.

Map Identification Number 391 ACOUSTIC TECHNOLOGY
 41 29 MAIN ST (SUITE #150)

FLUSHING, NY 11355

Facility Id: NYN00001A106

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 1102 feet to the S

ADDRESS CHANGE INFORMATION
 Revised street: 4129 MAIN ST
 Revised zip code: NO CHANGE

US EPA RCRA (Resource Conservation and Recovery Act) information not reported; Site information reported by NYS DEC.

NYS DEC Manifested Waste Summary:
 Waste Codes, Waste Units, and Transaction Types are only shown for the most recent year reported.

| WASTE CODE | WASTE DESCRIPTION | WASTE AMOUNT | WASTE UNITS | TRANSACTION TYPE | YEAR |
|------------|-------------------|--------------|-------------|------------------|------|
|------------|-------------------|--------------|-------------|------------------|------|

NONE No hazardous waste activity reported to NYS up to 6/14/2004.

Map Identification Number 392 NORTHERN BOULEVARD MAZDA
 36-09 BUD PLACE
 EPA (RCRA) Name: NORTHERN BLVD MAZDA
 EPA (RCRA) Address: 36-09 BUD PL

FLUSHING, NY 11354
 QUEENS, NY 11354

Facility Id: NYD987009289

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 1195 feet to the W

ADDRESS CHANGE INFORMATION
 Revised street: 3609 BUD PLACE
 Revised zip code: NO CHANGE

US EPA RCRA Type: GENERATOR TYPE NOT GIVEN
 Land Disposal: Receives offsite waste:
 Storer: Treatment facility:

Notification date: 07/20/1992
 Incinerator:
 Transporter:

Part A notification date: 07/20/1992

Historically listed as the following USEPA RCRA Generator Size(s) as well:
 SMALL QUANTITY GENERATOR

NYS DEC Manifested Waste Summary:
 Waste Codes, Waste Units, and Transaction Types are only shown for the most recent year reported.

| WASTE CODE | WASTE DESCRIPTION | WASTE AMOUNT | WASTE UNITS | TRANSACTION TYPE | YEAR |
|------------|-------------------|--------------|-------------|------------------|------|
| D008 | Lead | 200 | GALLONS | GENERATED | 1993 |

Toxicity Information Summary

| CHEMICAL NAME | CAS-NO | ACUTE TOX | TUMOR TOX | MUTAG TOX | REPRO TOX | IRRIT TOX | MCL |
|---------------|---------|-----------|-----------|-----------|-----------|-----------|-----------|
| Lead | 7439921 | X | X | X | X | | 0.05mg/L* |

Map Identification Number 393 **YONKE AUTO BODY WORKS INCORPORATED** **Facility Id: NYD012454898**
 36-07 BUDD PLACE FLUSHING, NY 11354
 EPA (RCRA) Name: YONKE AUTO BODY WORKS, INC.
 EPA (RCRA) Address: 36-07 BUDD PL FLUSHING, NY 11354

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 1197 feet to the W

ADDRESS CHANGE INFORMATION
 Revised street: 3607 BUD PLACE
 Revised zip code: NO CHANGE

US EPA RCRA Type: SMALL QUANTITY GENERATOR
 Land Disposal: Receives offsite waste:
 Storer: Treatment facility:

Notification date: 10/15/1985 Part A notification date: 10/15/1985
 Incinerator:
 Transporter:

Historically listed as the following USEPA RCRA Generator Size(s) as well:
 LARGE QUANTITY GENERATOR

US EPA RCRA Violations:
 Violation Area: GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
 Violation Number: 0001 Location: NY
 Regulation:

Responsible Agency: STATE
 Violation Determination Date: 09/02/1993
 Violation Return to Compliance: 11/01/1993

NYS DEC Manifested Waste Summary:
 Waste Codes, Waste Units, and Transaction Types are only shown for the most recent year reported.

| WASTE CODE | WASTE DESCRIPTION | WASTE AMOUNT | WASTE UNITS | TRANSACTION TYPE | YEAR |
|------------|--------------------------------|--------------|-------------|------------------|------|
| F003 | Spent non-halogenated solvents | 220 | GALLONS | GENERATED | 2000 |

| | | | | | |
|------|--|-----|---------|-----------|------|
| F005 | Spent non-halogenated solvents | 370 | GALLONS | GENERATED | 1999 |
| F005 | Spent non-halogenated solvents | 27 | POUNDS | GENERATED | 1994 |
| D001 | Solid waste that exhibits the characteristic of ignitability | 425 | GALLONS | GENERATED | 1987 |

Map Identification Number 394 NEW YORK CITY DEPT OF SANITATION

Facility Id: NYD982725509

134-25 35TH
 QUEENS, NY 11354
 EPA (RCRA) Name: NYC DEPT OF SANITATION
 EPA (RCRA) Address: 134-25 35TH AVE - Q-11A QUEENS, NY 11354

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 1255 feet to the NW

ADDRESS CHANGE INFORMATION

Revised street: 13425 35TH AVE
 Revised zip code: NO CHANGE

US EPA RCRA Type: GENERATOR TYPE NOT GIVEN
 Land Disposal: Receives offsite waste:
 Storer: Treatment facility:

Notification date: 03/01/1989 Part A notification date: 03/01/1989
 Incinerator:
 Transporter:

Historically listed as the following USEPA RCRA Generator Size(s) as well:
 LARGE QUANTITY GENERATOR

NYS DEC Manifested Waste Summary:

Waste Codes, Waste Units, and Transaction Types are only shown for the most recent year reported.

| WASTE CODE | WASTE DESCRIPTION | WASTE AMOUNT | WASTE UNITS | TRANSACTION TYPE | YEAR |
|------------|--|--------------|-------------|------------------|------|
| D001 | Solid waste that exhibits the characteristic of ignitability | 165 | GALLONS | GENERATED | 1997 |
| D001 | Solid waste that exhibits the characteristic of ignitability | 1807 | POUNDS | GENERATED | 1995 |

Map Identification Number 395 SHELL OIL COMPANY

Facility Id: NYD981483944

141-54 NORTHERN BOULEVARD
 FLUSHING, NY 11354
 EPA (RCRA) Name: SHELL SERVICE STATION
 EPA (RCRA) Address: 141-54 NORTHERN BLVD FLUSHING, NY 11354

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (1)
 Approximate distance from property: 1298 feet to the NE

ADDRESS CHANGE INFORMATION

Revised street: 14154 NORTHERN BOULEVARD
 Revised zip code: NO CHANGE

US EPA RCRA Type: SMALL QUANTITY GENERATOR
 Land Disposal: Receives offsite waste:
 Storer: Treatment facility:

Notification date: 07/02/1997 Part A notification date: 07/02/1997
 Incinerator:
 Transporter:

NYS DEC Manifested Waste Summary:
 Waste Codes, Waste Units, and Transaction Types are only shown for the most recent year reported.

| WASTE CODE | WASTE DESCRIPTION | WASTE AMOUNT | WASTE UNITS | TRANSACTION TYPE | YEAR |
|------------|--|--------------|-------------|------------------|------|
| D001 | Solid waste that exhibits the characteristic of ignitability | 2743 | POUNDS | GENERATED | 1997 |
| D008 | Lead | 3 | CUBIC YDS | GENERATED | 1987 |

Toxicity Information Summary

| CHEMICAL NAME | CAS-NO | ACUTE TOX | TUMOR TOX | MUTAG TOX | REPRO TOX | IRRIT TOX | MCL |
|---------------|---------|-----------|-----------|-----------|-----------|-----------|-----------|
| Lead | 7439921 | X | X | X | X | | 0.05mg/L* |

Map Identification Number 396 **AUTORAMA BODYWORKS**
 134-03 35TH AVENUE
 EPA (RCRA) Name: AUTO RAMA BODY WORKS
 EPA (RCRA) Address: 134-03 35TH ST

FLUSHING, NY 11354
 FLUSHING, NY 113542816

Facility Id: NYD981133218

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 1310 feet to the NW

ADDRESS CHANGE INFORMATION
 Revised street: 13403 35TH AVENUE
 Revised zip code: NO CHANGE

US EPA RCRA Type: GENERATOR TYPE NOT GIVEN
 Land Disposal: Receives offsite waste:
 Storer: Treatment facility:

Notification date: 08/30/1985 Part A notification date: 08/30/1985
 Incinerator:
 Transporter:

Historically listed as the following USEPA RCRA Generator Size(s) as well:
 SMALL QUANTITY GENERATOR

NYS DEC Manifested Waste Summary:
 Waste Codes, Waste Units, and Transaction Types are only shown for the most recent year reported.

| WASTE CODE | WASTE DESCRIPTION | WASTE AMOUNT | WASTE UNITS | TRANSACTION TYPE | YEAR |
|------------|--|--------------|-------------|------------------|------|
| F003 | Spent non-halogenated solvents | 140 | GALLONS | GENERATED | 1996 |
| F005 | Spent non-halogenated solvents | 440 | GALLONS | GENERATED | 1990 |
| D001 | Solid waste that exhibits the characteristic of ignitability | 157 | GALLONS | GENERATED | 1987 |



**** NO CHEMICAL STORAGE FACILITIES IDENTIFIED WITHIN 1/4 MILE SEARCH RADIUS ****



**** NO TOXIC AIR, LAND AND WATER RELEASES IDENTIFIED WITHIN 1/4 MILE SEARCH RADIUS ****



*** HISTORIC UTILITY SITES IDENTIFIED WITHIN 1/4 MILE SEARCH RADIUS ***

PLEASE NOTE: * Compass directions can vary substantially for sites located very close to the subject property address.

Map Identification Number 397

QUEENS, NY

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (2)

Approximate distance from property: 384 feet to the SW

ADDRESS CHANGE INFORMATION

Revised street: MAIN ST

Revised zip code: 11354

DATE ASSOCIATED WITH THIS SITE BY

REFERENCED HISTORICAL RECORDS: 1917

COMPANY NAME ASSOCIATED WITH THIS SITES: NY & QUEENS GAS CO

FACILITY TYPE(S) FOUND AT THIS LOCATION: UNKNOWN FACILITY TYPE



**** NO WASTEWATER DISCHARGES IDENTIFIED WITHIN 1/4 MILE SEARCH RADIUS ****



*** AIR DISCHARGE FACILITIES IDENTIFIED WITHIN THE 1/4 MILE SEARCH RADIUS ***

PLEASE NOTE: * Compass directions can vary substantially for sites located very close to the subject property address.

| | | | |
|--------------------------------------|----------------------|--------------------------------|--|
| Map Identification Number 398 | MOBIL | Facility Id: 3608100176 | State-county CDS Id: 3608100176 |
| EPA (FINDS) Name: | 137-17 NORTHERN BLVD | FLUSHING, NY 11354 | State-county NED id: |
| EPA (FINDS) Address: | MOBIL | | |
| | 137-17 NORTHERN BLVD | FLUSHING 11354 | |

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 618 feet to the NW

ADDRESS CHANGE INFORMATION

Revised street: 13717 NORTHERN BLVD
 Revised zip code: NO CHANGE

CDS-ID: 00176 NED-ID: None Given
 Plant Phone #1: None Given Plant Phone #2: None Given
 Operating Status: OPERATING
 EPA Classification:
 State Classification: POTENTIAL UNCONTROLLED EMISSIONS < 100 TONS/YEAR
 EPA Plant Compliance Status:
 State Plant Compliance Status: IN COMPLIANCE - INSPECTION

EPA-ID: NYD986956712 FINDS-ID: NYD986956712

AIR PROGRAM INFORMATION

Regulatory Air Program: SIP SOURCE

Program Status: OPERATING

POLLUTANT INFORMATION

Pollutant: VOLATILE ORGANIC COMPOUNDS
 State Pollutant Compliance for this pollutant: IN COMPLIANCE - INSPECTION

| | | | |
|--------------------------------------|----------------------------------|-------------------------------|--------------------------------|
| Map Identification Number 399 | YONKE AUTO BODY WORKS INC | Facility Id: NY081R154 | State-county CDS Id: |
| EPA (FINDS) Name: | 3607 BUDD PL | FLUSHING, NY 113544071 | State-county NED id: 36081R154 |
| EPA (FINDS) Address: | YONKE AUTO BODY WORKS INC | | |
| | 36-07 BUD PLACE | QUEENS 11354 | |

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 1185 feet to the W

ADDRESS CHANGE INFORMATION

Revised street: 3607 BUD PLACE
 Revised zip code: 11354

CDS-ID: None Given NED-ID: R154
 Plant Phone #1: None Given Plant Phone #2: (718)358-5508
 Operating Status:
 EPA Classification:

EPA-ID: NYD012454898 FINDS-ID: NYD012454898

State Classification:
 EPA Plant Compliance Status:
 State Plant Compliance Status:

AIR PROGRAM INFORMATION
 No air program information given.

POLLUTANT INFORMATION
 No air pollutant information given.

Map Identification Number 400 **RAYEX CORP**
 133-30 37 AVE

FLUSHING, NY 11354

FINDS Id: NYD000345843

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 1218 feet to the WSW

ADDRESS CHANGE INFORMATION
 Revised street: 13330 37TH AVE
 Revised zip code: NO CHANGE

This site was identified in the EPA FINDS database. No air pollutant information given here.

Map Identification Number 401 **RAYEX CORP**
 133-30 37 AVE

FLUSHING, NY 11354

FINDS Id: NYD000345843

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 1218 feet to the WSW

ADDRESS CHANGE INFORMATION
 Revised street: 13330 37TH AVE
 Revised zip code: NO CHANGE

This site was identified in the EPA FINDS database. No air pollutant information given here.

Map Identification Number 402 **LENSCRAFT OPTICAL CO**
 133-30 37 AVE
 EPA (FINDS) Name: LENS CRAFT OPTICAL CO
 EPA (FINDS) Address: 133-30 37 AVE

Facility Id: 3608100608
 FLUSHING, NY 11354
 FLUSHING 11354

State-county CDS Id: 3608100608
 State-county NED id:

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 1218 feet to the WSW

ADDRESS CHANGE INFORMATION
 Revised street: 13330 37TH AVE
 Revised zip code: NO CHANGE

CDS-ID: 00608 NED-ID: None Given
 Plant Phone #1: None Given Plant Phone #2: None Given
 Operating Status: OPERATING

EPA-ID: None Given

FINDS-ID: NYD000345843

EPA Classification:
State Classification: POTENTIAL UNCONTROLLED EMISSIONS < 100 TONS/YEAR
EPA Plant Compliance Status:
State Plant Compliance Status: UNKNOWN COMPLIANCE STATUS

AIR PROGRAM INFORMATION
Regulatory Air Program: SIP SOURCE

Program Status: OPERATING

POLLUTANT INFORMATION
Pollutant: DEFAULT POLLUTANT FROM CDS
State Pollutant Compliance for this pollutant: UNKNOWN COMPLIANCE STATUS

Map Identification Number 403 RAYEX CORP
133-30 37 AVE
EPA (FINDS) Name: RAYEX CORP
EPA (FINDS) Address: 133-30 37 AVE

Facility Id: 3608100611 State-county CDS Id: 3608100611
FLUSHING, NY 11354
State-county NED id:
FLUSHING 11354

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1218 feet to the WSW

ADDRESS CHANGE INFORMATION
Revised street: 13330 37TH AVE
Revised zip code: NO CHANGE

CDS-ID: 00611 NED-ID: None Given
Plant Phone #1: None Given Plant Phone #2: None Given
Operating Status: OPERATING
EPA Classification: POTENTIAL UNCONTROLLED EMISSIONS < 100 TONS/YEAR
State Classification: POTENTIAL UNCONTROLLED EMISSIONS < 100 TONS/YEAR
EPA Plant Compliance Status:
State Plant Compliance Status: UNKNOWN COMPLIANCE STATUS

EPA-ID: NYD000345843 FINDS-ID: NYD000345843

AIR PROGRAM INFORMATION
Regulatory Air Program: SIP SOURCE

Program Status: OPERATING

POLLUTANT INFORMATION
Pollutant: DEFAULT POLLUTANT FROM CDS
State Pollutant Compliance for this pollutant: UNKNOWN COMPLIANCE STATUS

Map Identification Number 404 SHELL OIL COMPANY
141-54 NORTHERN BLVD
EPA (FINDS) Name: SHELL OIL COMPANY
EPA (FINDS) Address: 141-54 NORTHERN BLVD

Facility Id: 3608100518 State-county CDS Id: 3608100518
FLUSHING, NY 11354
State-county NED id:
FLUSHING 11354

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (1)
Approximate distance from property: 1288 feet to the NE

ADDRESS CHANGE INFORMATION
Revised street: 14154 NORTHERN BLVD
Revised zip code: NO CHANGE

CDS-ID: 00518 NED-ID: None Given
Plant Phone #1: None Given Plant Phone #2: None Given
Operating Status: OPERATING
EPA Classification:
State Classification: POTENTIAL UNCONTROLLED EMISSIONS < 100 TONS/YEAR
EPA Plant Compliance Status:
State Plant Compliance Status: IN COMPLIANCE - INSPECTION

EPA-ID: NYD981483944

FINDS-ID: NYD981483944

AIR PROGRAM INFORMATION

Regulatory Air Program: SIP SOURCE

Program Status: OPERATING

POLLUTANT INFORMATION

Pollutant: VOLATILE ORGANIC COMPOUNDS

State Pollutant Compliance for this pollutant: IN COMPLIANCE - INSPECTION



*** CIVIL & ADMINISTRATIVE ENFORCEMENT DOCKET FACILITIES IDENTIFIED WITHIN 1/4 MILE SEARCH RADIUS ***

PLEASE NOTE: * Compass directions can vary substantially for sites located very close to the subject property address.

Map Identification Number 405

FLUSHING H S
35-01 UNION ST

FLUSHING, NY 11355

Facility Id NYD100382712

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1067 feet to the N

ADDRESS CHANGE INFORMATION

Revised street: 3501 UNION ST
Revised zip code: 11354

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CIVIL ENFORCEMENT DOCKET CASE INFORMATION

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| DOCKET CASE # | COURT DOCKET NUMBER | DATE FILED | DATE CONCLUDED | JUDICIAL DISTRICT | CASE NAME |
|---------------|---------------------|------------|----------------|-------------------|------------------------|
| 02-1988-0588 | CV-89-0856 | 03-14-1989 | 09-06-1996 | EDNY | NYC BOARD OF EDUCATION |

DEFENDANT NAME(S): A. GRGAS CONTRACTING CO INC
CARUCCI PLUMBING AND CONTRACTING CO
DEFENDANT SETTLEMENT 1 NYC BOE
DEFENDANT SETTLEMENT 4 - NYC BOE
HOLLYWOOD COMMERCIAL RENEWALS INC
JACK'S INSULATION CONTRACTING CORP
MERKUR CONTRACTING
NYC BOARD OF EDUCATION
OWNER'S REALTY MANAGEMENT AND CONSTRUCTN
PAG INSULATION
PHILSON PAINTING COMPANY INC
SUPERIOR INSULATION

LAW(S) VIOLATED
Clean Air Act - Section 112

DISPOSITION OF CASE
Litigated with penalty

FEDERAL PENALTY ASSESSED 592500 COST RECOVERY AWARDED

TYPE OF VIOLATION(S)
National Emission Standard for Hazardous Air Pollutant

TYPE OF POLLUTANT(S)
ASBESTOS

U.S. EPA EMERGENCY RESPONSE NOTIFICATION SYSTEM (ERNS)
AT THE LOCATION OR POTENTIALLY AT THE LOCATION OF
Flushing Commons
Flushing, NY 11354

* Any ERNS Spills listed below are NOT mapped in this report *

ONSITE ERNS (A count of these spills can be found in the distance interval table):
THIS SITE IS NOT FOUND IN THE ERNS DATABASE

POTENTIALLY ONSITE ERNS:
THIS SITE IS NOT FOUND IN THE ERNS DATABASE

NEW YORK CITY FIRE DEPARTMENT TANK SEARCH
AT THE LOCATION OF
Flushing Commons
Flushing, NY 11354

None Identified.

Unmappable facilities for 'Queens' County

Hazardous Substance Waste Sites

| FACILITY ID | FACILITY NAME | STREET | CITY | ZIP |
|-------------|--------------------------|--------|------|---------|
| NY0353 | CORONA MEADOWS YARD SITE | U | U | UNKNOWN |

Brownfields Sites

| FACILITY ID | FACILITY NAME | STREET | CITY | ZIP |
|-------------|-------------------------|--|--------|-------|
| V00560 | CE - FARRINGTON ST. MGP | BLOCK 4406 LOT 30 & 133-01 HIGGINS ST. | QUEENS | 11354 |

Solid Waste Facilities

| FACILITY ID | FACILITY NAME | STREET | CITY | ZIP |
|-------------|---------------------------|------------------------|--------|---------|
| 41D01 | NY NEWS GRAVURE PLANT | | | UNKNOWN |
| 41D03 | CAPITAL PROJECT SE-43A | | | UNKNOWN |
| 41D04 | MTA DEMO SITE | | | UNKNOWN |
| 41D09 | HARRY M GREENFIELD | | | UNKNOWN |
| 41T31 | M. DELLAONA CARTING T.S. | | | UNKNOWN |
| 41T43 | SALVATORE RUSSO INC. | | | UNKNOWN |
| 41T58 | BERLIN WRECKING | | | UNKNOWN |
| 41T63 | LIZZA, LIZZA, HOCHREITER | | | UNKNOWN |
| 41W94 | ST JOHN ENTERPRISES INC | | | UNKNOWN |
| 41W96 | FAR ROCKAWAY EQUIPMENT CO | | | UNKNOWN |
| | | WILLETS PT. BLVD. | QUEENS | UNKNOWN |
| | | TOLEDO ST. | QUEENS | UNKNOWN |
| | | STANLEY AVE. & 131 ST. | QUEENS | UNKNOWN |

Hazardous Spills - TANK TEST FAILURES - Active

| FACILITY ID | FACILITY NAME | STREET | CITY | ZIP |
|-------------|--------------------------|--------------------|------------|---------|
| 0301941 | POLICE TASK FORCE QUEENS | 137-58 MORGAN BLVD | QUEENS | UNKNOWN |
| 0402791 | RESNENCE | 147-19 146TH ST. | WHITESTONE | UNKNOWN |

Hazardous Spills - UNKNOWN CAUSE OR OTHER CAUSES - Active

| FACILITY ID | FACILITY NAME | STREET | CITY | ZIP |
|-------------|-----------------|--------------------------|--------|---------|
| 0502650 | MANHOLE # 19890 | UNION TURNPIKE/LAKEVILLE | QUEENS | UNKNOWN |
| 0501985 | MANHOLE #16984 | EAST SIDE KISSENA BLVD | QUEENS | UNKNOWN |
| 0207599 | VACANT LOT | BLOCK 15950 LOT 29 | QUEENS | UNKNOWN |

Hazardous Spills - MISC. SPILL CAUSES - Active

| FACILITY ID | FACILITY NAME | STREET | CITY | ZIP |
|-------------|-------------------------|---------------------------|---------------|---------|
| 9707611 | LIRR | 5505 E OF 37 SIGNAL BRIDG | NEW YORK CITY | UNKNOWN |
| 9013326 | RAINEY TO DUNWOODIE S/S | RAINEY TO DUNWOODIE S/S | QUEENS | UNKNOWN |
| 0409249 | VERIZON BUILDING | 159 LOWELL AVE | QUEENS | UNKNOWN |
| 0006934 | RIVLAB TRANSPORTATION | 6202 ALVINA AVE | QUEENS | UNKNOWN |

Hazardous Spills - TANK FAILURES - Closed

| FACILITY ID | FACILITY NAME | STREET | CITY | ZIP |
|-------------|---------------|----------------------|----------|---------|
| 9902497 | | VAN WYCK EXPRESSWAY | ELMHURST | UNKNOWN |
| 0308020 | VERIZON | 1 CROSS ISLAND PLAZA | ROSEDALE | UNKNOWN |

Hazardous Spills - TANK TEST FAILURES - Closed

| FACILITY ID | FACILITY NAME | STREET | CITY | ZIP |
|-------------|---------------------------|------------------------|---------------|---------|
| 8705123 | COLLEGE PT. BLVD/WILLETS | COLLEGE PT/WILLETS PT. | NEW YORK CITY | UNKNOWN |
| 8704514 | COLLEGE POINT BLVD./WILLE | COLLEGE PT. BLVD | NEW YORK CITY | UNKNOWN |
| 8709682 | CLOSED-LACKOF RECENT INFO | 39017 40TH AVENUE | QUEENS | UNKNOWN |

Hazardous Spills - UNKNOWN CAUSE OR OTHER CAUSES - Closed

| FACILITY ID | FACILITY NAME | STREET | CITY | ZIP |
|-------------|---------------|--------|------|-----|
| | | | | |

| | | | |
|---------|----------------------------|----------------------------|-----------------------|
| 9211705 | 5. OF VAN WYCK EXPY. | 5. OF VAN WYCK EXPY. | UNKNOWN |
| 8606300 | | | UNKNOWN |
| 8909328 | EAST RIVER/QUEENS | EAST RIVER | ASTORIA |
| 0405431 | 60' EAST OF EAST END OF | BELROSE STATION | BELLEROSE |
| 0209904 | VARIOUS DEP -BWSO SITES | MISC. | BRONX/QUEENS/MANHATAN |
| 9503263 | FLUSHING BAY | FLUSHING BAY | COLLEGE POINT |
| 8000059 | APEX AUTO WRECKERS | APEX AUTO SALVAGE | COLLEGE POINT/CORONA |
| 9900404 | VACANT LOT NEAR FRESH MEA | DOW LAKE | FLUSHING |
| 9500882 | FLUSHING BAY-COLLEGE PT | COLLEGE POINT BLVD | FLUSHING |
| 0204522 | EXACT AREA UNKNOWN | FLUSHING BAY | FLUSHING |
| 0107370 | MAN HOLE # 396 | COLLEGE POINT BLVD | FLUSHING |
| 8504087 | UNKNOWN | UNKNOWN | FLUSHING, QUEENS |
| 0310300 | | ARTHUR AVE. | JAMAICA |
| 0407923 | END OF 5TH | ANABLE BASIN N END OF 5TH | LONG ISLAND CITY |
| 9209134 | VAN WYCK EXP. | VAN WYCK EXP. | NEW YORK CITY |
| 8809899 | MASPETH CROSSING/QUEENS | MASPETH CROSSING/JAMAICA | NEW YORK CITY |
| 0310131 | LOWER LAYEL BLVD | LOWER LAYEL BLVD | NEW YORK CITY |
| 0211535 | FLUSHING BAY | UNKNOWN ST FLUSHING BAY | NEW YORK CITY |
| 0209218 | COLEMAN ISLAND REG #30 | COLEMAN ISLAND | NEW YORK CITY |
| 9911269 | MANHOLE 396 | W SIDE OF COLLEGE POINT B | QUEENS |
| 9910533 | SERVICE BOX 8157 | IFO 133 GERRY ST | QUEENS |
| 9906697 | COLLEGE POINT | COLLEGE POINT | QUEENS |
| 9901025 | MANHOLE #17277 | WEST SIDE WILLETT'S POINT | QUEENS |
| 9814140 | MANHOLE 22553 | NORTH SIDE OF SANFORD AVE | QUEENS |
| 9809457 | MANHOLE #1655 | ROSSEVELT AVE | QUEENS |
| 9511638 | BLACKWELL HOUSE | 500 MAIN ST | QUEENS |
| 9510633 | MCNIEL PARK AVE | MCNIEL PARK AVE | QUEENS |
| 9502637 | UNK | 7 MIDLAND GARDEN | QUEENS |
| 9400359 | 35 AVENUE | 35 AVENUE | QUEENS |
| 9315581 | EAST OF BOUY #9 | EAST OF BOUY #9 | QUEENS |
| 9312485 | BACELLENA PT. LIGHT #7. | BACELLENA PT. LIGHT #7. | QUEENS |
| 9309560 | HIGHLEVE REGULATOR #23 | HIGHLEVE REGULATOR #23 | QUEENS |
| 9309559 | HIGHLEVEL REGULATOR #22 | HIGHLEVEL REGULATOR #22 | QUEENS |
| 9301677 | COLLEGE MARINE LTD. | 205 COLLEGE PT BLVD | QUEENS |
| 9300856 | 33RD AVE - MANY RESIDENCE | 33RD AVE - MANY RESIDENCE | QUEENS |
| 9211110 | BB IVPCP HL | BB IVPCP HL | QUEENS |
| 9206327 | DOCK FOR COMMUTER III | DOCK FOR COMMUTER III | QUEENS |
| 8503726 | QUEENS | QUEENS | QUEENS |
| 8503213 | FLUSHING QUEENS | FLUSHING QUEENS | QUEENS |
| 8000260 | | | QUEENS |
| 7901404 | SUBWAY-NORTHERN BLVD. | SUBWAY-NORTHERN BLVD. | QUEENS |
| 7801404 | MIDLAND TAXI, SBWY-MIDLND. | MIDLAND TAXI, SBWY-MIDLND. | QUEENS |
| 7800519 | DREDGE PENNSYLVANIA | DREDGE PENNSYLVANIA | QUEENS |
| 0500534 | MAN HOLE 14954 | CARWELL AVE | QUEENS |
| 0500076 | OVERHEAD TRANSFORMER | 15 RAILROAD PL | QUEENS |
| 0411098 | MANHOLE 20033 | MERIDIAN RD & INSIDE | QUEENS |
| 0405428 | | 233 & 38 AVE | QUEENS |
| 0403163 | MANHOLE 14413 | QUEENS PLAZA NORTH | QUEENS |
| 0402446 | CLEARVIEW PUMP STATION | CLEARVIEW PUMP STATION | QUEENS |
| 0402351 | FORREST PARK DR | FORREST PARK DR | QUEENS |
| 0330035 | FRESH MEADOWS RESIDENTIAL | COMMUNITY & COMMERCIAL | QUEENS |
| 0313813 | | EAST GRAND CENTRAL PKWY | QUEENS |
| 0311434 | VANWICK EXPRESSWAY | BOX #2918 | QUEENS |
| 0303397 | MANHOLE #4426 | WILLETT'S POINT BL | QUEENS |
| 0300613 | FLUSHING BAY | VORTEX BUILDING | QUEENS |
| 0211178 | MANHOLE #10082 | UNION TURNPIKE | QUEENS |
| 0210460 | MANHOLE 16984 | EAST SIDE KISSENA BLVD | QUEENS |
| 0206842 | VAULT 8366 | UNION TURNPIKE | QUEENS |
| 0206290 | FLUSHING BAY | N OF PORPOISE BRIDGE | QUEENS |
| 0206114 | MH 17290 | MARINE RD | QUEENS |

| | | | | |
|---------|---------------------------|---------------------------|--------|---------|
| 0204721 | FLUSHING BAY | UNK` | QUEENS | UNKNOWN |
| 0201240 | ANCHORIDGE MARINA CO. | 119 ST-COLLEGE PT BLVD | QUEENS | 11354 |
| 0112087 | MANHOLE 8309 | EAST SIDE SERVICE ROAD | QUEENS | UNKNOWN |
| 0106536 | 0 | FLUSHING CREEK | QUEENS | UNKNOWN |
| 0105756 | MANHOLE #13144 | SERVICE RD | QUEENS | UNKNOWN |
| 0010608 | BUILDING | 4051 TENMAN ST | QUEENS | UNKNOWN |
| 0010004 | MANHOLE 14184 | SB LANE VAN WYCK EXPWY | QUEENS | UNKNOWN |
| 0006160 | | 66-32 WILLETS POINT BL | QUEENS | UNKNOWN |
| 0004925 | NYC DEPT OF DESIGN/CONST. | 360 BEECH ST | QUEENS | UNKNOWN |
| 0002448 | MANHOLE #8263 | EAST SERVICE R D/VAN WYCK | QUEENS | UNKNOWN |
| 0000622 | MANHOLE 14459 | GRAND CENTRAL PARK | QUEENS | UNKNOWN |

Hazardous Spills - MISC. SPILL CAUSES - Closed FACILITY ID

| FACILITY ID | FACILITY NAME | STREET | CITY | ZIP |
|-------------|---------------------------|---------------------------|-------------------------|---------|
| 8603531 | SOUTHBOUNB VANWYDCK | SOUTHBOUNB VANWYDCK | | UNKNOWN |
| 0410965 | CLEARVIEW PUMP STATION | WILLETS POINT BLVD. | BAYSIDE | UNKNOWN |
| 0408415 | CLEARVIEW PUMPING STATION | WILLARDS PT BD/ROLL PL | BAYSIDE | UNKNOWN |
| 9912828 | 119-59 COLLEGE POINT BLVD | 119-59 COLLEGE POINT BLVD | COLLEGE POINT | UNKNOWN |
| 8402177 | NYC HIGHWAY DEPTFLUSH CRK | FLUSHING CREEK | CORONA | UNKNOWN |
| 9706686 | VACANT CON ED LOT | FARRINGTON STREET | FLUSHING | 11354 |
| 9315451 | 141-59 CRESCENT | 141-59 CRESCENT | FLUSHING | UNKNOWN |
| 9306497 | 130-15 FRANKLIN AVENUE | 130-15 FRANKLIN AVENUE | FLUSHING | UNKNOWN |
| 8911237 | COLLEGE POINT BLVD/QUEENS | COLLEGE POINT BLVD. | FLUSHING | UNKNOWN |
| 0303437 | TULLY ENVIROMENTAL SVC | 127 ST AT 33 AVE | FLUSHING | 11354 |
| 0012830 | UNKNOWN RIVER | COLLEGE POINT BLVD | FLUSHING | UNKNOWN |
| 8701091 | NARAGANSETT BAY / FLUSHIN | FLUSHING CRK/NAGST. BAY | FLUSHING - RHODE ISLAND | UNKNOWN |
| 9408155 | VAN WYCK & HARBOR BASE | 3 FLUSHING PK E.-VAN WYCK | FLUSHING MEADOWS | UNKNOWN |
| 8607389 | COLLEGE POINT BLVD. / QUE | COLLEGE POINT BLVD. TO | FLUSHING RIVER | UNKNOWN |
| 9401754 | SANFORD AVE & 43RD AVE. | SANFORD AVE & 43RD AVE. | FLUSHING, QUEENS | UNKNOWN |
| 9412015 | KOMAR REALTY | 42 LITTLE NECK RD | GREAT NECK | UNKNOWN |
| 8606664 | MOTT BASIN JAMACIA BAY /K | MOTT BASIN | JAMAICA BAY | UNKNOWN |
| 9311486 | ADJACEMENT TO MAIN ST. | ADJACEMENT TO MAIN ST, | LONG ISLAND FLUSHING | UNKNOWN |
| 0308095 | MAN HOLE 10068 | PARSONS BLVD | NEW YORK | UNKNOWN |
| 8807017 | 422 SOUTHERN BLVD/QUEENS | 422 SOUTHERN BLVD | NEW YORK CITY | UNKNOWN |
| 8806179 | NY POWER AUTHORITY BLDG | EAST RIVER | NEW YORK CITY | UNKNOWN |
| 8708253 | 40TH RD PUMP STA/QUEENS | 40TH RD PUMPING STATION | NEW YORK CITY | UNKNOWN |
| 8705824 | COLLEGE PT. BLVD/QUEENS/B | COLLEGE PT. BLVD. | NEW YORK CITY | UNKNOWN |
| 8704837 | 40TH RD. PUMP STATION/QUE | 40TH RD. PUMP STATION | NEW YORK CITY | UNKNOWN |
| 8603568 | 73 TERRACE | 73 TERRACE | NEW YORK CITY | UNKNOWN |
| 8600826 | 40 RD PUMP STA. BYPASS5/2 | 40 ROAD PUMPING STATION | NEW YORK CITY | UNKNOWN |
| 9912660 | 40TH RD PUMP STATION | 40TH RD PUMP STATION | QUEENS | UNKNOWN |
| 9912198 | LINDEN PL PUMPING STATION | LINDEL PL PUMPING STATION | QUEENS | UNKNOWN |
| 9814706 | MANHOLE 722 | NORTH SIDE 37TH AVE | QUEENS | UNKNOWN |
| 9807225 | ACCESS OPENING 15849 | NORTH 31ST DR | QUEENS | UNKNOWN |
| 9706462 | CON EDISON | COLLEGE POINT BLVD | QUEENS | UNKNOWN |
| 9610027 | CON ED | COLLEGE POINT CENTER | QUEENS | UNKNOWN |
| 9514052 | 40TH ROAD PUMP STATION | 40TH RD | QUEENS | UNKNOWN |
| 9507970 | EAST RIVER AT COLLEGE PT | POWELL COVE | QUEENS | UNKNOWN |
| 9416316 | PATHMARK - LINDEN PLACE | LINDEN PLACE-PATHMARK LOT | QUEENS | UNKNOWN |
| 9403334 | FLUSHING BAY | FLUSHING MEADOW PARK-BAY | QUEENS | UNKNOWN |
| 9312483 | RUNWAY CHANNEL | RUNWAY CHANNEL | QUEENS | UNKNOWN |
| 9311790 | 1/4 NORTH SUBWAY BR IN | 1/4 NORTH SUBWAY BR IN | QUEENS | UNKNOWN |
| 9311698 | REGULATOR 46 QUEENS | REGULATOR 46 QUEENS | QUEENS | UNKNOWN |
| 9305187 | 1211 REDBURNS DR. | 1211 REDBURNS DR. | QUEENS | UNKNOWN |
| 9200260 | SANDY HOOK/L I SOUND | SANDY HOOK/L I SOUND | QUEENS | UNKNOWN |
| 9008115 | 101 KISSENA BLVD/QUEENS | 101 KISSENA BLVD | QUEENS | UNKNOWN |
| 0504473 | NYC TRANSIT BUS | 47TH & QUEENS EXPRESS | QUEENS | UNKNOWN |
| 0503136 | STREET SPILL | NORTHERN BLVD / 177 ST | QUEENS | UNKNOWN |
| 0502093 | TALLMAN ISLAND | 41 ST AVE | QUEENS | UNKNOWN |
| 0412544 | PORT AUTHORITY BLDG 290 | SOUTH SERVICE RD | QUEENS | UNKNOWN |

| | | | | |
|---------|--------------------------|---------------------------|--------|---------|
| 0412289 | APARTMENT | 9111 34TH ROAD | QUEENS | UNKNOWN |
| 0406673 | AERIAL JOINT | 20 FEET N. OF POLE 65160 | QUEENS | UNKNOWN |
| 0405217 | OVERHEAD TRANSFORMER | 107TH/104TH | QUEENS | UNKNOWN |
| 0404394 | MANHOLE # 9669 | SOUTHSIDE NORTHERN BLVD 1 | QUEENS | UNKNOWN |
| 0404084 | MONHAOLE # 16962 | BOWNE ST | QUEENS | UNKNOWN |
| 0403922 | ROAD | VANWYCK EXPRESWAY | QUEENS | UNKNOWN |
| 0403052 | | 30-40 21ST SR | QUEENS | UNKNOWN |
| 0402472 | ON STREET | 419 ELDERED STREET | QUEENS | UNKNOWN |
| 0401230 | ON THE STREET | 41/35 MORGAN STREET | QUEENS | UNKNOWN |
| 0308801 | MORRIS PARK BONE YARD | LI RR | QUEENS | UNKNOWN |
| 0308044 | | ROOSEVLELT & 162ND ST | QUEENS | UNKNOWN |
| 0307234 | MANHOLE 13071 | WEST SIDE KISSENA BLVD | QUEENS | UNKNOWN |
| 0203195 | | 39TH AVE & LINDEN PL | QUEENS | 11354 |
| 0202511 | MANHOLE 8043 | COLLEGE POINT BLVD | QUEENS | UNKNOWN |
| 0006667 | TALLMAN ISLAND REGULATOR | 41ST AVE | QUEENS | UNKNOWN |
| 0003123 | MANHOLE 8418 | NORTHERN BLVD | QUEENS | UNKNOWN |

Petroleum Bulk Storage Facilities

| FACILITY ID | FACILITY NAME | STREET | CITY | ZIP |
|-------------|----------------|------------------------|----------|-------|
| 2-602901 | NEW YORK TIMES | 1 NEW YORK TIMES PLAZA | FLUSHING | 11354 |

Hazardous Waste Generation or Transport Facilities

| FACILITY ID | FACILITY NAME | STREET | CITY | ZIP |
|--------------|------------------------|-----------------------------|---------------|---------|
| NYP000007120 | CONSOLIDATED EDISON CO | BUS SEC 4WFARRAJAT S/S | | UNKNOWN |
| NYP004001335 | CONSOLIDATED EDISON CO | WARNE AVE AND 3E 211TH ST | | UNKNOWN |
| NYP004001558 | CONSOLIDATED EDISON CO | MULBERRY STREET | TM3596 | UNKNOWN |
| NYP004001798 | CONSOLIDATED EDISON CO | BOWY | V5925 | UNKNOWN |
| NYP004002333 | CONSOLIDATED EDISON CO | 138TH E AND 7TH ST | V1950 | UNKNOWN |
| NYP004002432 | CONSOLIDATED EDISON CO | 138TH STREET AND 7TH STREET | | UNKNOWN |
| NYP004004834 | CONSOLIDATED EDISON CO | GREY OAKS | S/S 13 | UNKNOWN |
| NYP004005039 | CONSOLIDATED EDISON CO | JUNIPER | 8060 | UNKNOWN |
| NYP004017877 | CONSOLIDATED EDISON CO | #5482 1ST PURDS AVE | | UNKNOWN |
| NYP004018339 | CONSOLIDATED EDISON CO | V2658 24 COASTLANAT ST | | UNKNOWN |
| NYP004018594 | CONSOLIDATED EDISON CO | M11570 300' N/O PUROY AVE | | UNKNOWN |
| NYP004018610 | CONSOLIDATED EDISON CO | M11573 | | UNKNOWN |
| NYP004018651 | CONSOLIDATED EDISON CO | V1816 UNION ST | | UNKNOWN |
| NYP004018982 | CONSOLIDATED EDISON CO | MH9627 HARRISON STA | | UNKNOWN |
| NYP004019048 | CONSOLIDATED EDISON CO | TRANS#1 HARRISON S/S | | UNKNOWN |
| NYP004019275 | CONSOLIDATED EDISON CO | MH51217 | | UNKNOWN |
| NYP004019683 | CONSOLIDATED EDISON CO | 124-153 CAVE | | UNKNOWN |
| NYP004019766 | CONSOLIDATED EDISON CO | V462 WILLIAM ST | | UNKNOWN |
| NYP004019899 | CONSOLIDATED EDISON CO | V909 VARL & JACKSON | | UNKNOWN |
| NYP004020129 | CONSOLIDATED EDISON CO | MAIN BODY - OAKWOOD S/S | | UNKNOWN |
| NYP004020244 | CONSOLIDATED EDISON CO | #143-63 21 | | UNKNOWN |
| NYP004021325 | CONSOLIDATED EDISON CO | V8059 KISSENA B1-58TH | | 11355 |
| NYP004021606 | CONSOLIDATED EDISON CO | V4269 THEALL RD | | UNKNOWN |
| NYP004022034 | CONSOLIDATED EDISON CO | V14 LA COUNT PL | | UNKNOWN |
| NYP004022067 | CONSOLIDATED EDISON CO | MH22404 VAN | | UNKNOWN |
| NYP004022547 | CONSOLIDATED EDISON CO | MH8476 138 ST & WALTER AVE | | UNKNOWN |
| NYP004022851 | CONSOLIDATED EDISON CO | OXFORD RD & OXFORD PL CNR | | UNKNOWN |
| NYP004024006 | CONSOLIDATED EDISON CO | MH167 NEW SCHOOL & PALKADE | | UNKNOWN |
| NYP004024139 | CONSOLIDATED EDISON CO | V8469 | | UNKNOWN |
| NYP004024576 | CONSOLIDATED EDISON CO | OPEN EXCAVATION22-3441 ST | | UNKNOWN |
| NYP004025342 | CONSOLIDATED EDISON CO | VS7865 | | UNKNOWN |
| NYP004026019 | CONSOLIDATED EDISON CO | MH2246 | | UNKNOWN |
| NYP004026845 | CONSOLIDATED EDISON CO | MH15520 | | UNKNOWN |
| NYR000036772 | NEW YORK TIMES | 1 NEW YORK TIMES PLAZA | COLLEGE POINT | UNKNOWN |
| NYD002119675 | NEW YORK TIMES | 1 NEW YORK TIMES PLAZA | FLUSHING | 11354 |
| NYP004063350 | CONSOLIDATED EDISON | VS8609-PARSONS BLVD | FLUSHING | 11354 |
| NYP004118170 | CONSOLIDATED EDISON | 13 26 40 ROAD GAS MAIN | FLUSHING | 11354 |

| | | | | |
|--------------|-------------------------------------|--------------------------------|------------------|---------|
| NYR000116426 | LIRR | ATLANTIC TERMINAL | HOLLIS | UNKNOWN |
| NYD000953018 | LONG ISLAND RAILROAD CONT #25-0-008 | DB BRIDGE | LONG ISLAND CITY | UNKNOWN |
| NYR000263525 | NYCDOT | LIRR 49TH AVE STATION | LONG ISLAND CITY | UNKNOWN |
| NY0000010363 | NYCDOT | N/S | N/S | UNKNOWN |
| NYP004021945 | CONSOLIDATED EDISON | #4694545 WILLY | NEW YORK | UNKNOWN |
| NYP004040804 | CONSOLIDATED EDISON | V3711-UNION ST | NEW YORK | UNKNOWN |
| NYP004054177 | CONSOLIDATED EDISON | EXC-210 50 41ST AVE | NEW YORK | UNKNOWN |
| NYP004066965 | CONSOLIDATED EDISON | V609-KISSENA BLVD | NEW YORK | UNKNOWN |
| NYP004019329 | CONSOLIDATED EDISON CO | #4578 E29 | NEWKIRK | UNKNOWN |
| NYP000762218 | CONSOLIDATED EDISON | MH#1942 | QUEENS | UNKNOWN |
| NYP000930321 | CONSOLIDATED EDISON | N/S | QUEENS | UNKNOWN |
| NYP000930529 | CONSOLIDATED EDISON CO | V1099-1685 FRANHOLM AVE | QUEENS | UNKNOWN |
| NYP000932145 | NYNEX | MAIN STREET | QUEENS | UNKNOWN |
| NYP004000121 | CONSOLIDATED EDISON | V10829-2255 MENAUTO BLVD | QUEENS | UNKNOWN |
| NYP004000634 | CONSOLIDATED EDISON | V7176-WEST HILL APARTMENTS | QUEENS | UNKNOWN |
| NYP004001756 | CONSOLIDATED EDISON | EAST RIVER | QUEENS | UNKNOWN |
| NYP004004636 | CONSOLIDATED EDISON | V 369 - PARSONS BLVD | QUEENS | UNKNOWN |
| NYP004004677 | CONSOLIDATED EDISON | N/S | QUEENS | UNKNOWN |
| NYP004004701 | CONSOLIDATED EDISON | VAULT 5168 - RT 117 READ | QUEENS | UNKNOWN |
| NYP004004925 | CONSOLIDATED EDISON | VAULT #0442 - 1548 | QUEENS | UNKNOWN |
| NYP004006003 | CONSOLIDATED EDISON | #5289 - 275 KENSTO DR | QUEENS | UNKNOWN |
| NYP004006318 | CONSOLIDATED EDISON | V5014 - W.F. ADMIN BLDG | QUEENS | UNKNOWN |
| NYP004006763 | CONSOLIDATED EDISON | V9736 - SO. MOYER & BRITTON | QUEENS | UNKNOWN |
| NYP004006904 | CONSOLIDATED EDISON | V1903 - ALLINGTON | QUEENS | UNKNOWN |
| NYP004007308 | CONSOLIDATED EDISON | MH 3924 - PALMER FERN. TER | QUEENS | UNKNOWN |
| NYP004007746 | CONSOLIDATED EDISON | VS 9102 - NORTHERN BLVD | QUEENS | UNKNOWN |
| NYP004007910 | CONSOLIDATED EDISON | V 1296C - PASCAP | QUEENS | UNKNOWN |
| NYP004008248 | CONSOLIDATED EDISON | N/S | QUEENS | UNKNOWN |
| NYP004008454 | CONSOLIDATED EDISON | MH 404 - FLUSHING S/S | QUEENS | UNKNOWN |
| NYP004008603 | CONSOLIDATED EDISON | V 2113 - CLINTON 17051 | QUEENS | UNKNOWN |
| NYP004008785 | CONSOLIDATED EDISON | MH 2631 | QUEENS | UNKNOWN |
| NYP004009320 | CONSOLIDATED EDISON | TRANSP F/O 17 & 34ST | QUEENS | UNKNOWN |
| NYP004009775 | CONSOLIDATED EDISON | MH 12060 | QUEENS | UNKNOWN |
| NYP004010059 | CONSOLIDATED EDISON | 39 AVE & 308 ST | QUEENS | UNKNOWN |
| NYP004011092 | CONSOLIDATED EDISON | TAP. CHANCER-S.S DELAWARE -YK | QUEENS | UNKNOWN |
| NYP004011367 | CONSOLIDATED EDISON | TAP CHANGER - LAWRENCE PK #44 | QUEENS | UNKNOWN |
| NYP004012472 | CONSOLIDATED EDISON | MH 46939 - F/O 117 & 25 ST | QUEENS | UNKNOWN |
| NYP004012514 | CONSOLIDATED EDISON | 16 - SHERWOOD PARK | QUEENS | UNKNOWN |
| NYP004013124 | CONSOLIDATED EDISON | H259079 - MURRAY | QUEENS | UNKNOWN |
| NYP004015848 | CONSOLIDATED EDISON | 116-02 KAVE | QUEENS | UNKNOWN |
| NYP004016408 | CONSOLIDATED EDISON | V2253-43-23 36TH AVENUE | QUEENS | UNKNOWN |
| NYP004022679 | CONSOLIDATED EDISON | V97961 CLAREMONT | QUEENS | UNKNOWN |
| NYP004023016 | CONSOLIDATED EDISON | MH184490- | QUEENS | UNKNOWN |
| NYP004023438 | CONSOLIDATED EDISON | 7119 85 BEECHNUT | QUEENS | UNKNOWN |
| NYP004023446 | CONSOLIDATED EDISON | V2806 592 MAIN ST | QUEENS | UNKNOWN |
| NYP004024428 | CONSOLIDATED EDISON | MH 16165 | QUEENS | UNKNOWN |
| NYP004024642 | CONSOLIDATED EDISON | MH35319 | QUEENS | UNKNOWN |
| NYP004024758 | CONSOLIDATED EDISON | MH156 435 SO CITYLINE ST | QUEENS | UNKNOWN |
| NYP004026407 | CONSOLIDATED EDISON | MH56240 | QUEENS | UNKNOWN |
| NYP004026647 | CONSOLIDATED EDISON | V6802 1 STATE ST | QUEENS | UNKNOWN |
| NYP004037222 | CONSOLIDATED EDISON | V499-164TH ST | QUEENS | UNKNOWN |
| NYP004038907 | CONSOLIDATED EDISON | XFMR7Q65-FLUSHING MEADOWS S/S | QUEENS | UNKNOWN |
| NYP004046587 | CONSOLIDATED EDISON | V6158-PARSONS ST | QUEENS | UNKNOWN |
| NYP004057600 | CONSOLIDATED EDISON | CORONA #1 & #2 S/S | QUEENS | 11368 |
| NYP004093480 | CONSOLIDATED EDISON | V575 | QUEENS | UNKNOWN |
| NYP004095584 | CONSOLIDATED EDISON | MH142-NORTHERN BLVD | QUEENS | UNKNOWN |
| NYP004097614 | CONSOLIDATED EDISON | MH14268-300' S/O NORTHERN BLVD | QUEENS | UNKNOWN |
| NYP980593636 | CONSOLIDATED EDISON | 21557 SHEMAN BLVD EXT | QUEENS | UNKNOWN |
| NYR000067082 | GRISTEDES SUPERMARKET | 686 N MAIN ST | QUEENS | 11355 |
| NYP004002709 | CONSOLIDATED EDISON | | T/A450 | UNKNOWN |

| FACILITY ID | FACILITY NAME | STREET | CITY | ZIP |
|---|-------------------------|------------------------|--------------|---------|
| NYP004088621 | CONSOLIDATED EDISON | V-700 7-02154TH ST | WHITESTONE | UNKNOWN |
| Chemical Bulk Storage Facilities | | | | |
| 2-000362 | NEW YORK TIMES | 1 NEW YORK TIMES PLAZA | FLUSHING | 11354 |
| Wastewater Discharges | | | | |
| NYU000079 | BEST CONCRETE MIX CORP. | | | UNKNOWN |
| NYU900062 | FEDERAL EXPRESS | | | UNKNOWN |
| NYU900079 | BEST CONCRETE MIX CORP | | | UNKNOWN |
| Air Releases | | | | |
| 3688800011 | USCG-LIGHT STATION | AMBROSE | NEW YORK | UNKNOWN |
| NY081X1L5 | CRYDER ASSOCIATES LTD | NO STREET ADDRESS | NO CITY NAME | UNKNOWN |
| NY081X4KU | COSMOPOLITAN ASSOC | NO STREET ADDRESS | NO CITY NAME | UNKNOWN |
| NY081X72J | A & K REALTY | NO STREET ADDRESS | NO CITY NAME | UNKNOWN |
| 3608100139 | NY JOB CORPS CENTER | NO STREET ADDRESS | QUEENS | UNKNOWN |
| 3608100140 | NAVY RESRVE TRAINING | NO STREET ADDRESS | QUEENS | UNKNOWN |
| 3608100692 | PARIS KNITTING | NO STREET ADDRESS | QUEENS | UNKNOWN |
| 3608100693 | ASTORIA AL & BR | NO STREET ADDRESS | QUEENS | UNKNOWN |
| NY0813893 | NEWTOWN REFINING CO INC | 1 | QUEENS | UNKNOWN |

Hazardous waste codes presented in individual Toxic Information Profiles are defined below.

- B002 Petroleum oil or other liquid containing 50 ppm or greater of PCBs but less than 500 ppm PCBs. This includes oil from electrical equipment whose PCB concentration is unknown, except for circuit breakers, reclosers and cable.
- B003 Petroleum oil or other liquid containing 500 ppm or greater of PCBs.
- B004 PCB Articles containing 50 ppm or greater of PCBs but less than 500 ppm PCBs excluding, small capacitors. This includes oil filled electrical equipment whose PCB concentration is unknown, except for circuit breakers, reclosers and cable
- B007 Other PCB Wastes including contaminated soil, solids, sludges, clothing, rags, and dredge material.
- D001 Solid waste that exhibits the characteristic of ignitability, but is not listed under any other hazardous waste code.
- D002 Solid waste that exhibits the characteristic of corrosivity, but is not listed under any other hazardous waste code.
- D003 Solid waste that exhibits the characteristic of reactivity, but is not listed under any other hazardous waste code.
- D007 Chromium
- D008 Lead
- D009 Mercury
- D011 Silver
- D018 BENZENE
- D039 Tetrachloroethylene
- F002 The following spent halogenated solvents: Tetrachloroethylene, methylene chloride, trichloroethylene, 1,1,1-trichloroethane, chlorobenzene, 1,1,2-trichloro-1,2,2-trifluoroethane, ortho-dichlorobenzene, trichlorofluoromethane, and 1,1,2-trichloroethane; all spent solvent mixtures/blends containing, before use, a total of ten percent or more (by volume) of one or more of the above halogenated solvents or those listed in F001, F004, or F005; and still bottoms from the recovery of these spent solvents and spent solvent mixtures. (T)
- F003 The following spent non-halogenated solvents: Xylene, acetone, ethyl acetate, ethyl benzene, ethyl ether, methyl isobutyl ketone, n-butyl alcohol, cyclohexanone, and methanol; all spent solvent mixtures/blends containing, before use, only the above spent non-halogenated solvents; and all spent solvent mixtures/blends containing, before use, one or more of the above non-halogenated solvents, and, a total of ten percent or more (by volume) of one or more of those solvents listed in F001, F002, F004, and F005; and still bottoms from the recovery of these spent solvents and spent solvent mixtures. (I)*
- F005 The following spent non-halogenated solvents: Toluene, methyl ethyl ketone, carbon disulfide, isobutanol, pyridine, benzene,

2-ethoxyethanol, and 2-nitropropane; all spent solvent mixtures/blends containing, before use, a total of ten percent or more (by volume) of one or more of the above non-halogenated solvents or those solvents listed in F001, F002, or F004; and still bottoms from the recovery of these spent solvents and spent solvent mixtures. (I,T)

F008 Plating bath residues from the bottom of plating baths from electroplating operations where cyanides are used in the process. (R, T)

U005 Acetamide, N-9H-fluoren-2-yl-

Source: U. S. Environmental Protection Agency

How Toxic Site Locations Are Mapped

Toxics Targeting maps toxic site locations on a computerized version of the U. S. Census map using addresses and map coordinates provided by site owners/operators or government agencies. In order to allow site locations to be verified independently, the information used to map each site is presented in the first section of each *Toxic Site Profile*, along with a description of the mapping technique used and any address corrections that were made in order to locate toxic sites with incomplete or inadequate site location information. The mapping process is explained below.

Map Identification Number: 12

Site Name: Acme World Manufacturing, Inc.

Site Address: 55 Main Street

Anytown, NY 11797

MAP LOCATION INFORMATION

Site location mapped by:

Address Matching

1) Most toxic sites are mapped by matching addresses provided by site owners/operators or government agencies with locations on a computerized version of the U. S. Census map. These site locations are identified "address-matched."

Note: Some sites have an address match location and a map coordinate location. Both locations are mapped because they can be equally correct.

or Map Coordinate

2) Some toxic sites are located using map coordinates provided by site owners/operators or government agencies. These site locations are identified "map coordinate." Map coordinates for Toxics Wastewater Discharges, Toxic Release Inventory sites and Major Oil Storage Facilities should be considered suspect .

or Manual Mapping

or Site Visit

3) Incomplete addresses or map coordinates require some site locations to be determined by commercial street maps (manual mapping), site visits, map coordinates from other databases and address location services. Application of any of these methods is identified accordingly.

ADDRESS CHANGE INFORMATION

Revised Street: NO CHANGE

Revised zip code: NO CHANGE

4) Site addresses are sometimes corrected to eliminate obvious errors that prevent sites from being mapped. All address corrections are noted here.

Information Source Guide

Toxics Targeting's Computerized Environmental Reports contain government and other information compiled on 19 categories of reported known or potential toxic sites. Each toxic site database is described below with information detailing a) the source of the information, b) the date when each database is covered to and c) when *Toxics Targeting* obtained the information..

1) **Inactive Hazardous Waste Disposal Site Registry**: New York State database that maintains information and aids decision making regarding the investigation and cleanup of toxic sites. The Registry's data includes two-page profiles noting site name, ID number, description, classification, cleanup status, types of cleanup, owner information, types and quantities of contaminants, and assessment of health and environmental problems. ASTM required.* Fannie Mae required.**
Source: New York State Department of Environmental Conservation.²

Profile data updated through: 8/20/2004.

Data obtained by Toxics Targeting: 08/23/2004.

New Facilities updated to: 8/20/2004.

Data obtained by Toxics Targeting: 08/23/2004.

2) **CERCLIS**: Toxic sites listed in the Federal Comprehensive Environmental Response, Compensation and Liability Information System. NPL sites are also included in CERCLIS. ASTM required.* Fannie Mae required.**

Source: U. S. Environmental Protection Agency.¹

Profile data updated through: 07/14/2004.

Data obtained by Toxics Targeting: 08/06/2004.

New Facilities updated through: 07/14/2004.

Data obtained by Toxics Targeting: 08/06/2004.

3) **National Priority List for Federal Superfund Cleanup**: Toxic sites nominated for cleanup under the Federal Superfund program. Annual compilation of special two-page detailed profiles of NPL sites. ASTM required.* Fannie Mae required.**

Source: U. S. Environmental Protection Agency.¹

Profile data updated from: 07/27/2004.

Data obtained by Toxics Targeting: 07/28/2004.

New Facilities updated through: 07/27/2004.

Data obtained by Toxics Targeting: 07/28/2004.

4) **Hazardous Substance Waste Disposal Site Study**: NYS database of waste disposal sites that may pose threats to public health or the environment, but cannot be remediated using monies from the Hazardous Waste Remedial Fund.

Source: New York State Department of Environmental Conservation.²

Data updated to: 5/16/2000.

Data obtained by Toxics Targeting: 5/16/2000.

5) **Brownfield Cleanup Sites**: NYS database of sites that are abandoned, idled or under-used industrial and/or commercial sites where expansion or redevelopment is complicated by real or perceived environmental contamination.

Source: New York State Department of Environmental Conservation.²

Data updated to: 1/21/2005.

Data obtained by Toxics Targeting: 2/28/2005.

6) **Solid Waste Facilities**: NYS database of solid waste facilities, including, but not limited to, landfills, incinerators, transfer stations, recycling centers. ASTM required.* Fannie Mae required.**

Source: New York State Department of Environmental Conservation.²

Data updated to: 12/31/2001.

Data obtained by Toxics Targeting: 3/16/2002.

Also includes a listing of solid waste disposal sites operated by New York City municipal authorities circa 1934.

Source: City of New York Department of Sanitation (1984). Waste Disposal Problem in New York City: A Proposal For Action.

7) **Major Oil Storage Facilities**: NYS database of facilities licensed pursuant The to Article 12 of the Navigation Law, 6NYCRR Parts 610 and 17NYCRR Part 30, such as onshore facilities or vessels, with petroleum storage capacities equal to or greater than four hundred thousand gallons. Data withheld by the NYSDEC as of 4/1/2002. Fannie Mae required.**

Source: New York State Department of Environmental Conservation.² Data update schedule: rolling basis.

New facilities updated through: 1/1/2002.

New facilities data obtained by Toxics Targeting: 1/11/2002.

Tank data updated through: 1/1/2002.

Tank data obtained by Toxics Targeting: 1/11/2002.

8) **RCRA Hazardous Waste Treatment, Storage or Disposal Facility Databases**:

(a) **Manifest Information**: New York State database of hazardous waste facilities and shipments regulated by the DEC's Bureau of Hazardous Waste Facility Compliance pursuant to New York State Law and the Resource Conservation and Recovery Act (RCRA).

ASTM required.* Fannie Mae required.**

Source: New York State Department of Environmental Conservation.²

New facilities updated through: 6/14/2004.

New facilities obtained by Toxics Targeting: 6/21/2004.

Manifest transactions data updated to: 6/14/2004.

Manifest transactions data obtained by Toxics Targeting: 6/21/2004.

(b) **RCRA Notifier, Violations, and Corrective Action Activity (CORRACTS) Information:** U. S. Environmental Protection Agency database of hazardous facilities regulated pursuant to the Resource Conservation and Recovery Act (RCRA). ASTM required.* Fannie Mae required.**
Source: U. S. Environmental Protection Agency¹
New facilities updated through: 6/15/2004. Data obtained by Toxics Targeting: 6/21/2004.
Data attributes updated through: 6/15/2004. Data obtained by Toxics Targeting: 6/21/2004.

9) **Spills Information Database:** Spills reported to the DEC as required by one or more of the following: Article 12 of the Navigation Law, 6 NYCRR Section 613.8 (from Petroleum Bulk Storage Regulations) or 6 NYCRR Section 595.2 (from Chemical Bulk Storage Regulations). The database includes *active* and *closed* spills reported before 07/27/2005. Data updated on a rolling basis. ASTM required.* Fannie Mae.**
Source: NYS Department of Environmental Conservation.²

Spill attribute data through: 07/26/2005

New spills through: 07/26/2005

Active spills: paperwork not completed.

Closed spills: paperwork completed.

Both active and closed spills may or may not have been cleaned up (see Date Cleanup Ceased in spill profiles).

10) **Petroleum Bulk Storage Facilities:** Local and State databases of aboveground and underground petroleum storage facilities with a combined storage capacity over 1,100 gallons. ASTM required.* Fannie Mae required.**

All New York Counties except Cortland, Nassau, Rockland, and Suffolk:

Source: NYS Department of Environmental Conservation.²

Update schedule: rolling basis; Data has been withheld by the NYSDEC since 4/1/2002.

Facility data updated through: 1/1/2002 (10/1/98 for Westchester Co.).

Facility data obtained by Toxics Targeting: 1/11/2002.

Tank data updated through: 1/1/2002 (10/1/98 for Westchester Co.).

Tank data obtained by Toxics Targeting: 1/11/2002.

Nassau County:

Heat producing products and other products with less than 1,000 gallons storage capacity:

Source: Nassau County Department of Health.³ Data update schedule: rolling basis

Data updated through: 10/4/2000.

Data obtained by Toxics Targeting: 11/5/2000.

Generally non-heat producing products with more than 1,000 gallons storage capacity:

Source: Nassau County Fire Marshall.⁴ Data update schedule: rolling basis with annual update

Data updated through: 9/27/1996 for mapped sites; 03/21/2000 for on-site checks.

Rockland County:

Source: Rockland County Department of Health.⁵

Data updated through: 04/13/2004.

Data obtained by Toxics Targeting: 4/16/2004.

Suffolk County:

Source: Suffolk County Department of Health Services.⁶

Data updated through: 1/12/1999.

Data obtained by Toxics Targeting: 2/26/1999.

11. **RCRA Hazardous Waste Generators and/or Transporters Databases:**

(a) **Manifest Information:** New York State database of hazardous waste facilities and shipments regulated by the New York State Department of Environmental Conservation's Bureau of Hazardous Waste Facility Compliance pursuant to New York State Law. ASTM required.* Fannie Mae required.**

Source: New York State Department of Environmental Conservation.²

New facilities updated through: 6/14/2004.

New facilities obtained by Toxics Targeting: 6/21/2004.

Manifest transactions data updated to: 6/14/2004.

Manifest transactions data obtained by Toxics Targeting: 6/21/2004.

(b) **RCRA Notifier, Violations, and Corrective Action Activity (CORRACTS) Information:** U. S. Environmental Protection Agency database of hazardous facilities regulated pursuant to the Resource Conservation and Recovery Act (RCRA). ASTM required.* Fannie Mae required.**

Source: U. S. Environmental Protection Agency¹

New facilities updated through: 6/15/2004.

Data obtained by Toxics Targeting: 6/21/2004.

Data attributes updated through: 6/15/2004.

Data obtained by Toxics Targeting: 6/21/2004.

12) **Chemical Bulk Storage Facilities:** New York State database of facilities compiled pursuant to 6NYCRR Part 596 that store regulated substances listed in 6NYCRR Part 597 in aboveground tanks with capacities greater than 185 gallons and /or in underground tanks of any size. Data withheld by NYSDEC as of 4/1/2002. ASTM required.* Fannie Mae required.**
Source: New York State Department of Environmental Conservation.²

Data updated through: 1/1/2002.

Data obtained by Toxics Targeting: 1/11/2002.

13) **Toxic Release Inventory**: Federal database of manufacturing facilities required under Section 313 of the Federal Emergency Planning and Community Right-to-Know Act to report releases to the air, water and land of any specifically listed toxic chemical. See Fannie Mae requirement** below.

Source: U. S. Environmental Protection Agency.¹ / NYS Department of Environmental Conservation²/

Data updated through: 3/8/2004.

Data obtained by Toxics Targeting: 3/25/2004

14) **Historic New York City Utility Facilities (1898 to 1950)**: An inventory of selected power generating stations, manufactured gas plants, gas storage facilities, maintenance yards and other gas and electric utility sites identified in various historic documents, maps and annual reports of New York utility companies, including: Sanborn Fire Insurance Maps of NYC (1898-1950); Consolidated Edison Co. Annual Reports (1922-1939); Consolidated Edison Co. Map: "Boroughs of Manhattan and the Bronx Showing Distribution Mains of the New York Edison Co.," (1922); and Consolidated Edison document: "Generating and Annex Stations," (1911).

15) **Air Discharge Facilities**: EPA AIRS database containing address information on each air emission facility and the type of air pollutant emission it is. Compliance information is also provided on each pollutant as well as the facility itself.

See Fannie Mae requirement** below.

Source: U. S. Environmental Protection Agency¹

Data updated through: 11/24/1999.

Data obtained by Toxics Targeting: 1/06/2000

16) **Toxic Wastewater Discharges (Permit Compliance System)**: Federal database of discharges of wastewater to surface waters and groundwaters. See Fannie Mae requirement** below. Source: U. S. Environmental Protection Agency.¹

Data updated through: 06/17/2004.

Data obtained by Toxics Targeting: 7/19/2004.

17) **Civil Enforcement & Administrative Docket**: This database is the U. S. EPA's system for tracking administrative and civil judiciary cases filed on behalf of the agency by the Department of Justice. Fannie Mae required.**

Source: U. S. Environmental Protection Agency.¹

New Sites through: 10/14/1999.

Data updated through: 10/14/1999.

Data obtained by Toxics Targeting: 11/18/1999.

18) **New York City Fire Department Tank Data**: On-Site searches only.

Source: New York City Fire Department.

Data obtained by Toxics Targeting: 2/13/1997

19) **Emergency Response Notification System (ERNS)**: Federal database of spills compiled by the Emergency Response Notification System. On-site searches only. ASTM required.* See Fannie Mae requirement** below.

Source: U. S. Environmental Protection Agency.¹

Data updated through: 1/31/2000.

Data obtained by Toxics Targeting: 2/15/2000

*American Society of Testing Materials Standards on Environmental Site Assessments for Commercial Real Estate (E 1527-93, E 1528-93).

** Fannie Mae's Part X Environmental Hazards Management Procedures specify 1.0 mile searches for "any state or Federal list of hazardous waste sites (e.g. CERCLIS, HWDMS etc.)." Searches for the property and adjacent properties are specified for "chemical manufacturing plants," "obvious high risk neighbors engaging in storing or transporting hazardous waste, chemicals or substances" and "...any documented or visible evidence of dangerous waste handling... (e.g. stressed vegetation, stained soil, open or leaking containers, foul fumes or smells, oily ponds, etc)." Searches for property and adjacent properties can include sites up to a quarter mile away (W. Hayward, Director, Multi-Family Business Planning and Control, Fannie Mae, personal communication, 5/94).

¹U. S. Environmental Protection Agency, 290 Broadway, NY, NY 10007-1866.

²NYS Department of Environmental Conservation, 625 Broadway, Albany, NY 12233.

³Nassau County Department of Health, Bureau of Land Resources Management, 240 Old Country Road, Mineola, NY 11501.

⁴Nassau County Fire Commission, Office of the Fire Marshall, 899 Jerusalem Avenue, P. O. Box 128, Uniondale, NY 11553.

⁵Rockland County Department of Health, The Dr. Robert Yeager Health Center, Building D, Sanatorium Road, Pomona, NY 10970.

⁶Suffolk County Department of Health Services, Hazardous Materials Management, 15 Horseblock Place, Farmingville, NY 11738-1220.

Appendix 3
WASTE DISPOSAL MANIFEST

| | | | | | |
|--|--|------------------------|---|---|--------------------------------------|
| NON-HAZARDOUS WASTE MANIFEST | | 1. Generator ID Number | 2. Page 1 of 1 | 3. Emergency Response Phone 631-727-2700 | 4. Waste Tracking Number 02112014 |
| 5. Generator's Name and Mailing Address FLUSHING COMMONS PROPERTY OWNER, LLC 410 ROCKEFELLER GROUP DEVELOPMENT CORPORATION 1221 AVENUE OF THE AMERICAS NEW YORK, NEW YORK 10020-1075 | | | Generator's Site Address (if different than mailing address) 3818 UNION STREET FLUSHING, NEW YORK 11354 | | |
| 6. Transporter 1 Company Name EASTERN ENVIRONMENTAL SOLUTIONS, INC. | | | U.S. EPA ID Number NYR000135624 | | |
| 7. Transporter 2 Company Name METRO ENVIRONMENTAL CONTRACTING | | | U.S. EPA ID Number NYR000134957 | | |
| 8. Designated Facility Name and Site Address REPUBLIC ENVIRONMENTAL SYSTEMS (PA) INC 2869 SANDSTONE DRIVE HATFIELD, PA 19440 | | | U.S. EPA ID Number PA0085690592 | | |
| Facility's Phone: 215-822-8995 | | | | | |
| 9. Waste Shipping Name and Description | | 10. Containers | | 11. Total Quantity | 12. Unit Wt./Vol. |
| | | No. | Type | | |
| 1. PURGE WATER, NON-DOT REGULATED MATERIAL - NO11 | | 001 | DM | 055 | g |
| 2. | | | | | |
| 3. | | | | | |
| 4. | | | | | |
| 13. Special Handling Instructions and Additional Information G-1 Drill Cuttings - NO11 Emergency Contact (631) 727-2700 *IRT | | | | | |
| 14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. | | | | | |
| Generator's/Offeror's Printed/Typed Name Susan Dobbins | | | Signature | | Month Day Year 12 11 2014 |
| 15. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: Date leaving U.S.: | | | | | |
| 16. Transporter Acknowledgment of Receipt of Materials | | | | | |
| Transporter 1 Printed/Typed Name X LAMAR JAMES | | | Signature | | Month Day Year 12 11 2014 |
| Transporter 2 Printed/Typed Name JAMES ULRICH | | | Signature | | Month Day Year 12 12 14 |
| 17. Discrepancy | | | | | |
| 17a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection | | | | | |
| Manifest Reference Number: | | | | | |
| 17b. Alternate Facility (or Generator) | | | U.S. EPA ID Number | | |
| Facility's Phone: | | | | | |
| 17c. Signature of Alternate Facility (or Generator) | | | Month Day Year | | |
| 18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a | | | | | |
| Printed/Typed Name | | | Signature | | Month Day Year |

GENERATOR
INT'L
TRANSPORTER
DESIGNATED FACILITY

Appendix 4
GEOPHYSICAL INVESTIGATION REPORT

GEOPHYSICAL INVESTIGATION REPORT

PERFORMED AT:

**38-18 Union St.
Queens, NY 11354**

PREPARED FOR:

**AKRF
440 Park Avenue South
New York, NY 10016**

PREPARED BY:

**Shan Wei
Senior Geophysicist
Enviroprobe Service, Inc.
908 N Lenola Road
Moorestown, NJ 08057
Phone: (856) 858-8584
Toll Free: (800) 596-7472**

January 15, 2014

1.0 INTRODUCTION

Enviroprobe Service, Inc. (Enviroprobe) is an environmental investigation services firm which provides monitoring well installation (HSA), Geoprobe (DPT) drilling services and Environmental & Engineering Geophysics (EEG) services to the environmental consulting and engineering community.

Enviroprobe conducted a subsurface geophysical investigation at the subject property within client-specified areas of concern. Due to conditions and objectives, the investigation utilized a Geophysical Survey Systems, Inc (GSSI) SIR-3000 cart-mounted ground penetrating radar (GPR) unit with a 270 MHz antenna, a Radiodetection receiver, a Radiodetection transmitter and a Fisher TW-6 metallic locator.

GPR is a geophysical method that has been developed over the past thirty years for shallow, high-resolution, subsurface investigations of the earth. GPR uses high frequency pulsed electromagnetic waves (generally 10 MHz to 2,000 MHz) to acquire subsurface information. An EM wave is propagated downward into the ground by a transmitting antenna. Where abrupt changes in electrical properties occur in the subsurface, a portion of the energy is reflected back to the surface. This reflected wave is detected by a receiver antenna and transmitted to a control unit for real time processing and display. The penetration depth of the GPR unit varies from several inches to tens of feet according to site-specific conditions. The penetration depth decreases with increased soil conductivity. The penetration depth is the greatest in ice, dry sands, and fine gravels. Clayey, highly saline or saturated soils, areas covered by concrete, foundry slag, or other highly conductive materials greatly reduce GPR penetration. GPR is a method commonly used for environmental, engineering, archaeological, and other shallow investigations.

The Radiodetection (RD) transmitter and receiver are commonly used for pipe and cable locating. The multi-frequency transmitter can be directly connected, clamped, or used to induce a signal in a target line while the multi-frequency receiver is used to measure the signal from energized lines.

The Fisher TW-6 metallic locator is designed to find pipes, cables and other metallic objects such as underground storage tanks (USTs). The TW-6 transmitter generates an electromagnetic field that induces electrical currents in the subsurface. These currents produce a secondary electromagnetic field that is measured by the TW-6 receiver. One surveyor can carry both the transmitter and receiver together to search for underground metallic objects, although the TW-6 response can also be affected by the electrical properties of non-metallic materials in the subsurface.

2.0 SCOPE OF WORK

On January 13 and 14, 2014, a geophysicist from Enviroprobe Service Inc. was mobilized to the subject property to perform a geophysical investigation. The purpose of the investigation was to designate underground conduits/utilities and investigate proposed

drilling locations within client-specified areas of the property. The survey areas were around proposed drilling locations in the southeast portion of the facility. The ground surface of the survey area consisted of asphalt-paved surfaces.

3.0 SURVEY RESULTS

The utility survey was conducted using a cart-mounted GPR unit and a RD unit. The RD unit was used to trace common utilities from sources in and around the survey area. The RD receiver was also used in the passive mode to search for live underground electrical power cables and other utilities emitting 60Hz electromagnetic signals. When possible, the location of utilities was confirmed with the GPR. The GPR survey was also performed in a grid pattern in at least two orthogonal directions to search for evident and non-evident underground utilities. Whenever possible and necessary, the manhole covers in and around the survey area were opened and the manholes were visually inspected for underground utilities. Designated utilities were marked on-site with spray paint using the following colors: red – electric and green – storm drain.

A TW-6 survey was also conducted around each proposed drilling locations. No significant underground metallic objects were detected through all survey areas.

4.0 LIMITATIONS

Due to surface conditions and subsurface content, the GPR penetration depth was estimated as about 3 feet in the majority of the survey area. This penetration was reduced in areas of concrete cover.

The TW-6 survey was kept up to 6 feet away from aboveground objects containing metals depending on the sizes, shapes and positions of the metal objects. The TW-6 survey was not effective in areas with reinforced concrete.

Due to the dielectric properties of the subsurface, plastic polymer and fiberglass utilities may not have been detected.

The underground utility survey was conducted in compliance with the industry standard of care guidelines found in ASCE 38-02 (Level B).

5.0 WARRANTIES

The field observations and measurements reported herein are considered sufficient in detail and scope for this project. Enviroprobe Service, Inc. warrants that the findings and conclusions contained herein have been promulgated in accordance with generally accepted environmental engineering methods. There is a possibility that conditions may exist which could not be identified within the scope of this project and were not apparent

during the site activities performed for this project.

Enviroprobe represents that the services were performed in a manner consistent with that level of care and skill ordinarily exercised by environmental consultants under similar circumstances. No other representations to Client, express or implied, and no warranty or guarantee is included or intended in this agreement, or in any report, document, or otherwise.

Enviroprobe Service, Inc. believes that the information provided in this report is reliable. However, Enviroprobe cannot warrant or guarantee that the information provided by others is complete or accurate. No other warranties or guarantees are implied or expressed.

GPR data is subject to signal anomalies and operator interpretation. The GPR data is intended to provide the locations of areas of concern requiring additional investigation or the approximate location of underground structures and utilities. Great care must be utilized when excavating and/or drilling around underground structures and utilities since GPR data can only be used for estimation purposes and GPR data is subject to misinterpretation. Enviroprobe can not guarantee that utilities, post-tension cables, and/or rebar will not be incurred during drilling, cutting, coring, or excavating activities.

This report was prepared pursuant to the contract Enviroprobe has with the Client. That contractual relationship included an exchange of information about the property that was unique and between Enviroprobe and its client and serves as the basis upon which this report was prepared. Because of the importance of the communication between Enviroprobe and its client, reliance or any use of this report by anyone other than the Client, for whom it was prepared, is prohibited and therefore not foreseeable to Enviroprobe.

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Appendix 5
SOIL BORING LOGS

| SOIL BORING LOG | | | Flushing Commons | | Boring No. SB-1 | | | | |
|---|-------------------|-------|--|--|---|----------|-----|------|------------------------------------|
|  440 Park Avenue South, New York, NY 10016 Phone (212) 696-0670 Fax (212) 726-0942 | | | AKRF Project Number: 10677 | | Sheet 1 of 3 | | | | |
| | | | Drilling Method: Geoprobe Sampling Method: 3/4" Macrocore Driller: E.E.S Sampler: Rob Andrews | | Drilling Start Time: 11:30 Finish Time: 13:25 Date: 1/17/2014 Weather: sunny, 42 degrees F | | | | |
| Depth (feet) | Recovery (Inches) | Blows | Surface Condition: Asphalt top 6" | | Odor | Moisture | PID | NAPL | Samples Collected for Lab Analysis |
| 1 | 36 | | 36" - Brown SAND, some Silt, trace fine Gravel (FILL). | | ND | Dry | 0 | ND | SB-1(0-2) 11:35 |
| 2 | | | | | | | | | |
| 3 | | | | | | | | | |
| 4 | | | | | | | | | |
| 5 | | | | | | | | | |
| 6 | 40 | | 40" - Brown SAND, some Silt, trace fine Gravel. | | ND | Dry | 0 | ND | |
| 7 | | | | | | | | | |
| 8 | | | | | | | | | |
| 9 | | | | | | | | | |
| 10 | | | | | | | | | |
| 11 | 36 | | 36" - Brown SAND, some Silt, trace coarse Gravel. | | ND | Dry | 0 | ND | |
| 12 | | | | | | | | | |
| 13 | | | | | | | | | |
| 14 | | | | | | | | | |
| 15 | | | | | | | | | |
| 16 | 30 | | 30" - Brown SAND, some Silt, trace fine Gravel. | | ND | Dry | 0 | ND | |
| 17 | | | | | | | | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |

Notes:
 Groundwater encountered at 42' below grade.
 PID = photoionization detector ppm = parts per million ND = Not Detected

| SOIL BORING LOG | | | Flushing Commons | Boring No. SB-1 | | | | |
|-----------------|-------------------|-------|---|------------------------|----------|-----|------|------------------------------------|
| | | | AKRF Project Number: 10677 | Sheet 2 of 3 | | | | |
| Depth (feet) | Recovery (Inches) | Blows | Surface Condition: Asphalt top 6" | Odor | Moisture | PID | NAPL | Samples Collected for Lab Analysis |
| 21 | 50 | | 50" - Brown SAND, little Silt. | ND | Dry | 0 | ND | |
| 22 | | | | | | | | |
| 23 | | | | | | | | |
| 24 | | | | | | | | |
| 25 | | | | | | | | |
| 26 | 45 | | 45" - Brown SAND, little Silt. | ND | Dry | 0 | ND | |
| 27 | | | | | | | | |
| 28 | | | | | | | | |
| 29 | | | | | | | | |
| 30 | | | | | | | | |
| 31 | 41 | | 41" - Brown SAND, little Silt. | ND | Dry | 0 | ND | |
| 32 | | | | | | | | |
| 33 | | | | | | | | |
| 34 | | | | | | | | |
| 35 | | | | | | | | |
| 36 | 36 | | 36" - Brown SAND, little Silt, trace fine Gravel. | ND | Dry | 0 | ND | |
| 37 | | | | | | | | |
| 38 | | | | | | | | |
| 39 | | | | | | | | |
| 40 | | | | | | | | |

Notes:
Groundwater encountered at 42' below grade.
PID = photoionization detector ppm = parts per million ND = Not Detected

| SOIL BORING LOG | | | Flushing Commons | Boring No. SB-1 | | | | |
|-----------------|-------------------|-------|---|-----------------|----------|-----|------|------------------------------------|
| | | | AKRF Project Number: 10677 | Sheet 3 of 3 | | | | |
| Depth (feet) | Recovery (Inches) | Blows | Surface Condition: Asphalt top 6" | Odor | Moisture | PID | NAPL | Samples Collected for Lab Analysis |
| 41 | 30 | | 30" - Brown SAND, some Silt, trace fine Gravel. | ND | moist | 0 | ND | SB-1 (40-42') 13:30 |
| 42 | | | | | | | | |
| 43 | | | | | | | | |
| 44 | | | | | | | | |
| 45 | | | | | | | | |
| 46 | 24 | | 24" - Brown SAND, little Silt, trace fine Gravel. | ND | wet | 0 | ND | |
| 47 | | | | | | | | |
| 48 | | | | | | | | |
| 49 | | | | | | | | |
| 50 | | | | | | | | |
| 51 | | | End of Boring @ 50' below grade. | | | | | |
| 52 | | | | | | | | |
| 53 | | | | | | | | |
| 54 | | | | | | | | |
| 55 | | | | | | | | |
| 56 | | | | | | | | |
| 57 | | | | | | | | |
| 58 | | | | | | | | |
| 59 | | | | | | | | |
| 60 | | | | | | | | |

Notes:
Groundwater encountered at 42' below grade.
PID = photoionization detector ppm = parts per million ND = Not Detected

| SOIL BORING LOG | | | Flushing Commons | Boring No. SB-2 | | | | |
|---|-------------------|-------|--|--|----------|-----|--|---|
|  440 Park Avenue South, New York, NY 10016 Phone (212) 696-0670 Fax (212) 726-0942 | | | AKRF Project Number: 10677 | Sheet 1 of 3 | | | | |
| | | | Drilling Method: Geoprobe Sampling Method: 3/4" Macrocore Driller: E.E.S Sampler: Rob Andrews | Drilling Start 9:15 Finish 10:00 Time Date 1/14/2014 Weather: 48 degrees F, rain | | | | |
| Depth (feet) | Recovery (Inches) | Blows | Surface Condition: | Odor | Moisture | PID | NAPL | Samples Collected for Lab Analysis |
| 1 | 30 | | Surface Condition: Asphalt top 6" | ND | Dry | 0 | ND | SB-2 (0-2) 09:20 |
| 2 | | | 30" - Brown SAND, some Silt, trace fine Gravel (FILL). | ND | Dry | 0 | ND | |
| 3 | | | | | | | | |
| 4 | | | | | | | | |
| 5 | | | | | | | | |
| 6 | 24 | | | | | | | 24" - Brown SAND, some Silt, trace fine Gravel. |
| 7 | | | ND | Dry | 0 | ND | | |
| 8 | | | | | | | | |
| 9 | | | | | | | | |
| 10 | | | | | | | | |
| 11 | 40 | | | | | | 40" - Brown SAND, some Silt, trace fine and coarse Gravel. | ND |
| 12 | | | ND | Dry | 0 | ND | | |
| 13 | | | | | | | | |
| 14 | | | | | | | | |
| 15 | | | | | | | | |
| 16 | 36 | | | | | | 36" - Brown SAND, some Silt, trace fine and coarse Gravel. | ND |
| 17 | | | ND | Dry | 0 | ND | | |
| 18 | | | | | | | | |
| 19 | | | | | | | | |
| 20 | | | | | | | | |

Notes:
 Groundwater encountered at 52' below grade.
 PID = photoionization detector ppm = parts per million ND = Not Detected

| SOIL BORING LOG | | | Flushing Commons | Boring No. SB-2 | | | | |
|-----------------|-------------------|-------|---|------------------------|----------|-----|------|------------------------------------|
| | | | AKRF Project Number: 10677 | Sheet 2 of 3 | | | | |
| Depth (feet) | Recovery (Inches) | Blows | Surface Condition: Asphalt top 6" | Odor | Moisture | PID | NAPL | Samples Collected for Lab Analysis |
| 21 | 42 | | 42" - Brown SAND, some Silt, trace coarse Gravel. | ND | Dry | 0 | ND | |
| 22 | | | | | | | | |
| 23 | | | | | | | | |
| 24 | | | | | | | | |
| 25 | | | | | | | | |
| 26 | 38 | | 38" - Brown SAND, some Silt, trace coarse Gravel. | ND | Dry | 0 | ND | |
| 27 | | | | | | | | |
| 28 | | | | | | | | |
| 29 | | | | | | | | |
| 30 | | | | | | | | |
| 31 | NA | | No Recovery. | | | | | |
| 32 | | | | | | | | |
| 33 | | | | | | | | |
| 34 | | | | | | | | |
| 35 | | | | | | | | |
| 36 | 36 | | 36" - Brown SAND, little Silt. | ND | Dry | 0 | ND | |
| 37 | | | | | | | | |
| 38 | | | | | | | | |
| 39 | | | | | | | | |
| 40 | | | | | | | | |

Notes:
Groundwater encountered at 52' below grade.
PID = photoionization detector ppm = parts per million ND = Not Detected

| SOIL BORING LOG | | | Flushing Commons | Boring No. SB-2 | | | | |
|-----------------|-------------------|-------|--|------------------------|------------------|-----|------|------------------------------------|
| | | | AKRF Project Number: 10677 | Sheet 3 of 3 | | | | |
| Depth (feet) | Recovery (Inches) | Blows | Surface Condition: Asphalt top 6" | Odor | Moisture | PID | NAPL | Samples Collected for Lab Analysis |
| 41 | 42 | | 42" - Brown SAND, little Silt. | ND | dry | 0 | ND | |
| 42 | | | | | | | | |
| 43 | | | | | | | | |
| 44 | | | | | | | | |
| 45 | | | | | | | | |
| 46 | 50 | | 50" - Brown SAND, little Silt. | ND | dry | 0 | ND | SB-2 (48-50) 9:50 |
| 47 | | | | | | | | |
| 48 | | | | | | | | |
| 49 | | | | | | | | |
| 50 | | | | | | | | |
| 51 | 48 | | 48" - Brown SAND, little Silt. | ND | moist wet | 0 | ND | |
| 52 | | | | | | | | |
| 53 | | | | | | | | |
| 54 | | | | | | | | |
| 55 | | | | | | | | |
| 56 | 24 | | 24" - Brown SAND, little Silt. End of Boring @ 57' below grade. | ND | wet | 0 | ND | |
| 57 | | | | | | | | |
| 58 | | | | | | | | |
| 59 | | | | | | | | |
| 60 | | | | | | | | |

Notes:
Groundwater encountered at 52' below grade.
PID = photoionization detector ppm = parts per million ND = Not Detected

| SOIL BORING LOG | | | Flushing Commons | Boring No. SB-3 | | | | | |
|---|-------------------|-------|--|---|------|----------|-----|------|------------------------------------|
|  440 Park Avenue South, New York, NY 10016 Phone (212) 696-0670 Fax (212) 726-0942 | | | AKRF Project Number: 10677 | Sheet 1 of 3 | | | | | |
| | | | Drilling Method: Geoprobe Sampling Method: 3/4" Macrocore Driller: E.E.S Sampler: Rob Andrews | Drilling Start 7:15 Finish 11:00 Time Date 1/17/2014 Weather: sunny, 39 degrees F | | | | | |
| Depth (feet) | Recovery (Inches) | Blows | Surface Condition: | Asphalt top 6" | Odor | Moisture | PID | NAPL | Samples Collected for Lab Analysis |
| 1 | 36 | | 36" - Brown SAND, some Silt, trace fine Gravel (FILL). | Asphalt top 6" | ND | dry | 0 | ND | SB-3 (0-2) 7:20 |
| 2 | | | | | | | | | |
| 3 | | | | | | | | | |
| 4 | | | | | | | | | |
| 5 | | | | | | | | | |
| 6 | 40 | | 40" - Brown SAND, some Silt, trace coarse Gravel. | | ND | dry | 0 | ND | |
| 7 | | | | | | | | | |
| 8 | | | | | | | | | |
| 9 | | | | | | | | | |
| 10 | | | | | | | | | |
| 11 | 38 | | 38" - Brown SAND, some Silt, trace fine Gravel. | | ND | dry | 0 | ND | |
| 12 | | | | | | | | | |
| 13 | | | | | | | | | |
| 14 | | | | | | | | | |
| 15 | | | | | | | | | |
| 16 | 36 | | 36" - Brown SAND, little Silt. | | ND | dry | 0 | ND | |
| 17 | | | | | | | | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |
| Notes: Groundwater encountered at 45' below grade. PID = photoionization detector ppm = parts per million ND = Not Detected | | | | | | | | | |

| SOIL BORING LOG | | | Flushing Commons | Boring No. SB-3 | | | | |
|-----------------|-------------------|-------|-----------------------------------|------------------------|----------|-----|------|------------------------------------|
| | | | AKRF Project Number: 10677 | Sheet 2 of 3 | | | | |
| Depth (feet) | Recovery (Inches) | Blows | Surface Condition: Asphalt top 6" | Odor | Moisture | PID | NAPL | Samples Collected for Lab Analysis |
| 21 | 43 | | 43" - Brown SAND, little Silt. | ND | dry | 0 | ND | |
| 22 | | | | | | | | |
| 23 | | | | | | | | |
| 24 | | | | | | | | |
| 25 | | | | | | | | |
| 26 | 50 | | 50" - Brown SAND, little Silt. | ND | dry | 0 | ND | |
| 27 | | | | | | | | |
| 28 | | | | | | | | |
| 29 | | | | | | | | |
| 30 | | | | | | | | |
| 31 | 40 | | 40" - Brown SAND, little Silt. | ND | dry | 0 | ND | |
| 32 | | | | | | | | |
| 33 | | | | | | | | |
| 34 | | | | | | | | |
| 35 | | | | | | | | |
| 36 | 36 | | 36" - Brown SAND, little Silt. | ND | dry | 0 | ND | |
| 37 | | | | | | | | |
| 38 | | | | | | | | |
| 39 | | | | | | | | |
| 40 | | | | | | | | |

Notes:
Groundwater encountered at 45' below grade.
PID = photoionization detector ppm = parts per million ND = Not Detected

| SOIL BORING LOG | | | Flushing Commons | Boring No. SB-3 | | | | |
|-----------------|-------------------|-------|-----------------------------------|------------------------|----------|-----|------|------------------------------------|
| | | | AKRF Project Number: 10677 | Sheet 3 of 3 | | | | |
| Depth (feet) | Recovery (Inches) | Blows | Surface Condition: Asphalt top 6" | Odor | Moisture | PID | NAPL | Samples Collected for Lab Analysis |
| 41 | 26 | | 26" - Brown SAND, some Silt. | ND | dry | 0 | ND | SB-3 (43-45) 11:10 |
| 42 | | | | | | | | |
| 43 | | | | | | | | |
| 44 | | | | | | | | |
| 45 | | | | | | | | |
| 46 | 39 | | 39" - Brown SAND, trace Silt. | ND | dry | 0 | ND | |
| 47 | | | | | | | | |
| 48 | | | | | | | | |
| 49 | | | | | | | | |
| 50 | | | | | | | | |
| 51 | | | End of Boring @ 50' below grade. | | | | | |
| 52 | | | | | | | | |
| 53 | | | | | | | | |
| 54 | | | | | | | | |
| 55 | | | | | | | | |
| 56 | | | | | | | | |
| 57 | | | | | | | | |
| 58 | | | | | | | | |
| 59 | | | | | | | | |
| 60 | | | | | | | | |

Notes:
Groundwater encountered at 45' below grade.
PID = photoionization detector ppm = parts per million ND = Not Detected

| SOIL BORING LOG | | | Flushing Commons | | Boring No. SB-4 | | | | |
|---|-------------------|-------|--|----------------|--|----------|-----|------|------------------------------------|
|  440 Park Avenue South, New York, NY 10016 Phone (212) 696-0670 Fax (212) 726-0942 | | | AKRF Project Number: 10677 | | Sheet 1 of 2 | | | | |
| | | | Drilling Method: Geoprobe Sampling Method: 3/4" Macrocore Driller: E.E.S Sampler: Rob Andrews | | Drilling Start Time: 7:05 Finish Time: 9:40 Date: 1/16/2014 Weather: cloudy | | | | |
| Depth (feet) | Recovery (Inches) | Blows | Surface Condition: | Asphalt top 6" | Odor | Moisture | PID | NAPL | Samples Collected for Lab Analysis |
| 1 | 40 | | 40" - Brown SAND, some Silt, trace coarse Gravel (FILL). | | ND | dry | 0 | ND | SB-4 (0-2) 7:10 |
| 2 | | | | | | | | | |
| 3 | | | | | | | | | |
| 4 | | | | | | | | | |
| 5 | | | | | | | | | |
| 6 | 48 | | Top 12" - sluff Bottom 36" - Brown SAND, some Silt, trace coarse Gravel. | | ND | dry | 0 | ND | |
| 7 | | | | | | | | | |
| 8 | | | | | | | | | |
| 9 | | | | | | | | | |
| 10 | | | | | | | | | |
| 11 | 0 | | No Recovery. | | | | | | |
| 12 | | | | | | | | | |
| 13 | | | | | | | | | |
| 14 | | | | | | | | | |
| 15 | | | | | | | | | |
| 16 | 60 | | 60" - Brown SAND, some Silt, trace Gravel. | | ND | dry | 0 | ND | |
| 17 | | | | | | | | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |

Notes:

Groundwater not encountered.

PID = photoionization detector

ppm = parts per million

ND = Not Detected

| SOIL BORING LOG | | | Flushing Commons | Boring No. SB-4 | | | | |
|-----------------|-------------------|-------|-----------------------------------|------------------------|----------|-----|------|------------------------------------|
| | | | AKRF Project Number: 10677 | Sheet 2 of 2 | | | | |
| Depth (feet) | Recovery (Inches) | Blows | Surface Condition: Asphalt top 6" | Odor | Moisture | PID | NAPL | Samples Collected for Lab Analysis |
| 21 | | | No Recovery. | | | | | |
| 22 | | | | | | | | |
| 23 | | | | | | | | |
| 24 | | | | | | | | |
| 25 | | | | | | | | |
| 26 | 36 | | 36" - Brown SAND, some Silt. | ND | dry | 0 | ND | SB-4 (28-30) 9:50 |
| 27 | | | | | | | | |
| 28 | | | | | | | | |
| 29 | | | | | | | | |
| 30 | | | | | | | | |
| 31 | | | Refusal @ 30'. | | | | | |
| 32 | | | | | | | | |
| 33 | | | | | | | | |
| 34 | | | | | | | | |
| 35 | | | | | | | | |
| 36 | | | | | | | | |
| 37 | | | | | | | | |
| 38 | | | | | | | | |
| 39 | | | | | | | | |
| 40 | | | | | | | | |

Notes:
Groundwater not encountered.
PID = photoionization detector ppm = parts per million ND = Not Detected

| SOIL BORING LOG | | | Flushing Commons | Boring No. SB-5 | | | | |
|---|-------------------|-------|--|---|----------|-----|------|------------------------------------|
|  440 Park Avenue South, New York, NY 10016 Phone (212) 696-0670 Fax (212) 726-0942 | | | AKRF Project Number: 10677 | Sheet 1 of 2 | | | | |
| | | | Drilling Method: Geoprobe Sampling Method: 3/4" Macrocore Driller: E.E.S Sampler: Rob Andrews | Drilling Start 9:05 Finish 10:00 Time Time Date 1/13/2014 Weather: sunny, 45 degrees F | | | | |
| Depth (feet) | Recovery (Inches) | Blows | Surface Condition: | Odor | Moisture | PID | NAPL | Samples Collected for Lab Analysis |
| 1 | 54 | | 54" - Brown SAND, some Silt, trace fine Gravel (FILL). | ND | dry | 0 | ND | SB-5 (0-2) 9:10 |
| 2 | | | | | | | | |
| 3 | | | | | | | | |
| 4 | | | | | | | | |
| 5 | | | | | | | | |
| 6 | 36 | | Top 12" - Brown SAND, little Silt, fine Gravel (FILL). Bottom 24" - Brown SAND, trace Silt. | ND | dry | 0 | ND | |
| 7 | | | | | | | | |
| 8 | | | | | | | | |
| 9 | | | | | | | | |
| 10 | | | | | | | | |
| 11 | 36 | | 36" - Brown SAND, trace Silt. | ND | dry | 0 | ND | |
| 12 | | | | | | | | |
| 13 | | | | | | | | |
| 14 | | | | | | | | |
| 15 | | | | | | | | |
| 16 | 36 | | 36" - Brown SAND, trace Silt. | ND | dry | 0 | ND | |
| 17 | | | | | | | | |
| 18 | | | | | | | | |
| 19 | | | | | | | | |
| 20 | | | | | | | | |

Notes:

Groundwater not encountered.

PID = photoionization detector

ppm = parts per million

ND = Not Detected

| SOIL BORING LOG | | | Flushing Commons | Boring No. SB-5 | | | | |
|-----------------|-------------------|-------|--|-----------------|----------|-----|------|------------------------------------|
| | | | AKRF Project Number: 10677 | Sheet 2 of 2 | | | | |
| Depth (feet) | Recovery (Inches) | Blows | Surface Condition: Asphalt top 6" | Odor | Moisture | PID | NAPL | Samples Collected for Lab Analysis |
| 21 | 36 | | 36" - Brown SAND, trace Silt. | ND | dry | 0 | ND | |
| 22 | | | | | | | | |
| 23 | | | | | | | | |
| 24 | | | | | | | | |
| 25 | | | | | | | | |
| 26 | 36 | | 36" - Brown SAND, trace Silt. | ND | dry | 0 | ND | |
| 27 | | | | | | | | |
| 28 | | | | | | | | |
| 29 | | | | | | | | |
| 30 | | | | | | | | |
| 31 | 36 | | 36" - Brown SAND, trace Silt. | ND | dry | 0 | ND | |
| 32 | | | | | | | | |
| 33 | | | | | | | | |
| 34 | | | | | | | | |
| 35 | | | | | | | | |
| 36 | 36 | | 36" - Brown SAND, trace Silt. Refusal @ 38' | ND | dry | 0 | ND | SB-5 (36-38) 10:10 |
| 37 | | | | | | | | |
| 38 | | | | | | | | |
| 39 | | | | | | | | |
| 40 | | | | | | | | |

Notes:
Groundwater not encountered.
PID = photoionization detector ppm = parts per million ND = Not Detected

| SOIL BORING LOG | | | Flushing Commons | Boring No. SB-6 | | | | |
|---|-------------------|-------|--|---|----------|-----|------|------------------------------------|
|  440 Park Avenue South, New York, NY 10016 Phone (212) 696-0670 Fax (212) 726-0942 | | | AKRF Project Number: 10677 | Sheet 1 of 3 | | | | |
| | | | Drilling Method: Geoprobe Sampling Method: 3/4" Macrocore Driller: E.E.S Sampler: Rob Andrews | Drilling Start 12:35 Finish 13:45 Time Date 1/20/2014 Weather: cloudy, 40 degrees F | | | | |
| Depth (feet) | Recovery (Inches) | Blows | Surface Condition: | Odor | Moisture | PID | NAPL | Samples Collected for Lab Analysis |
| 1 | 32 | | 6" of asphalt 32" - Brown SAND, some Silt, trace coarse Gravel (FILL). | ND | dry | 0 | ND | SB-6 (0-2) 12:40 |
| 2 | | | | | | | | |
| 3 | | | | | | | | |
| 4 | | | | | | | | |
| 5 | | | | | | | | |
| 6 | 43 | | 43" - Brown SAND, some Silt, trace fine Gravel. | ND | dry | 0 | ND | |
| 7 | | | | | | | | |
| 8 | | | | | | | | |
| 9 | | | | | | | | |
| 10 | | | | | | | | |
| 11 | 48 | | 48" - Brown SAND, little Silt, trace fine Gravel. | ND | dry | 0 | ND | |
| 12 | | | | | | | | |
| 13 | | | | | | | | |
| 14 | | | | | | | | |
| 15 | | | | | | | | |
| 16 | 34 | | 34" - Brown SAND, some Silt, trace fine Gravel. | ND | dry | 0 | ND | |
| 17 | | | | | | | | |
| 18 | | | | | | | | |
| 19 | | | | | | | | |
| 20 | | | | | | | | |
| Notes: Groundwater not encountered. PID = photoionization detector ppm = parts per million ND = Not Detected | | | | | | | | |

| SOIL BORING LOG | | | Flushing Commons | Boring No. SB-6 | | | | |
|-----------------|-------------------|-------|--|------------------------|----------|-----|------|------------------------------------|
| | | | AKRF Project Number: 10677 | Sheet 3 of 3 | | | | |
| Depth (feet) | Recovery (Inches) | Blows | Surface Condition: 6" of asphalt | Odor | Moisture | PID | NAPL | Samples Collected for Lab Analysis |
| 41 | 48 | | 48" - Brown SAND, little Silt. | ND | dry | 0 | ND | |
| 42 | | | | | | | | |
| 43 | | | | | | | | |
| 44 | | | | | | | | |
| 45 | | | | | | | | |
| 46 | 41 | | 41" - Brown SAND, little Silt. | ND | dry | 0 | ND | SB-6 (49-51) 13:50 |
| 47 | | | | | | | | |
| 48 | | | | | | | | |
| 49 | | | | | | | | |
| 50 | | | | | | | | |
| 51 | | | 12" - Brown SAND, little Silt. End of Boring @ 51' below grade. | ND | moist | 0 | ND | |
| 52 | | | | | | | | |
| 53 | | | | | | | | |
| 54 | | | | | | | | |
| 55 | | | | | | | | |
| 56 | | | | | | | | |
| 57 | | | | | | | | |
| 58 | | | | | | | | |
| 59 | | | | | | | | |
| 60 | | | | | | | | |

Notes:
Groundwater not encountered.
PID = photoionization detector ppm = parts per million ND = Not Detected

| SOIL BORING LOG | | | Flushing Commons | Boring No. SB-7 | | | | |
|---|-------------------|-------|--|--|----------|-----|------|------------------------------------|
|  440 Park Avenue South, New York, NY 10016 Phone (212) 696-0670 Fax (212) 726-0942 | | | AKRF Project Number: 10677 | Sheet 1 of 3 | | | | |
| | | | Drilling Method: Geoprobe Sampling Method: 3/4" Macrocore Driller: E.E.S Sampler: Rob Andrews | Drilling Start 9:30 Finish 11:45 Time Date 1/15/2014 Weather: cloudy, 38 degrees F | | | | |
| Depth (feet) | Recovery (Inches) | Blows | Surface Condition: | Odor | Moisture | PID | NAPL | Samples Collected for Lab Analysis |
| 1 | 24 | | 6" of asphalt | ND | dry | 0 | ND | SB-7 (0-2) 9:40 |
| 2 | | | | | | | | |
| 3 | | | | | | | | |
| 4 | | | | | | | | |
| 5 | | | | | | | | |
| 6 | 48 | | 48" - Brown SAND, some Silt, trace fine Gravel. | ND | dry | 0 | ND | |
| 7 | | | | | | | | |
| 8 | | | | | | | | |
| 9 | | | | | | | | |
| 10 | | | | | | | | |
| 11 | 60 | | 60" - Brown SAND, some Silt, trace coarse Gravel. | ND | dry | 0 | ND | |
| 12 | | | | | | | | |
| 13 | | | | | | | | |
| 14 | | | | | | | | |
| 15 | | | | | | | | |
| 16 | 48 | | 48" - Brown SAND, some Silt, trace coarse Gravel. | ND | dry | 0 | ND | |
| 17 | | | | | | | | |
| 18 | | | | | | | | |
| 19 | | | | | | | | |
| 20 | | | | | | | | |

Notes:

Groundwater not encountered.

PID = photoionization detector

ppm = parts per million

ND = Not Detected

| SOIL BORING LOG | | | Flushing Commons | Boring No. SB-7 | | | | |
|-----------------|-------------------|-------|----------------------------------|------------------------|----------|-----|------|------------------------------------|
| | | | AKRF Project Number: 10677 | Sheet 2 of 3 | | | | |
| Depth (feet) | Recovery (Inches) | Blows | Surface Condition: 6" of asphalt | Odor | Moisture | PID | NAPL | Samples Collected for Lab Analysis |
| 21 | 30 | | 30" - Brown SAND, trace Silt. | ND | dry | 0 | ND | |
| 22 | | | | | | | | |
| 23 | | | | | | | | |
| 24 | | | | | | | | |
| 25 | | | | | | | | |
| 26 | 36 | | 36" - Brown SAND, trace Silt. | ND | dry | 0 | ND | |
| 27 | | | | | | | | |
| 28 | | | | | | | | |
| 29 | | | | | | | | |
| 30 | | | | | | | | |
| 31 | 30 | | 30" - Brown SAND, trace Silt. | ND | dry | 0 | ND | |
| 32 | | | | | | | | |
| 33 | | | | | | | | |
| 34 | | | | | | | | |
| 35 | | | | | | | | |
| 36 | 32 | | 32" - Brown SAND, trace Silt. | ND | dry | 0 | ND | |
| 37 | | | | | | | | |
| 38 | | | | | | | | |
| 39 | | | | | | | | |
| 40 | | | | | | | | |

Notes:
Groundwater not encountered.
PID = photoionization detector ppm = parts per million ND = Not Detected

| SOIL BORING LOG | | | Flushing Commons | | Boring No. SB-8 | | | | |
|---|-------------------|-------|--|--|---|----------|-----|------|------------------------------------|
|  440 Park Avenue South, New York, NY 10016 Phone (212) 696-0670 Fax (212) 726-0942 | | | AKRF Project Number: 10677 | | Sheet 1 of 3 | | | | |
| | | | Drilling Method: Geoprobe Sampling Method: 3/4" Macrocore Driller: E.E.S Sampler: Rob Andrews | | Drilling Start 7:05 Finish 8:40 Time Date 1/15/2014 Weather: cloudy, 38 degrees F | | | | |
| Depth (feet) | Recovery (Inches) | Blows | Surface Condition: 6" of asphalt | | Odor | Moisture | PID | NAPL | Samples Collected for Lab Analysis |
| 1 | 36 | | 36" - Brown SAND, some Silt, trace fine Gravel (FILL). | | ND | dry | 0 | ND | SB-8 (0-2) 7:15 |
| 2 | | | | | | | | | |
| 3 | | | | | | | | | |
| 4 | | | | | | | | | |
| 5 | | | | | | | | | |
| 6 | 48 | | 48" - Brown SAND, some Silt. | | ND | dry | 0 | ND | |
| 7 | | | | | | | | | |
| 8 | | | | | | | | | |
| 9 | | | | | | | | | |
| 10 | | | | | | | | | |
| 11 | 36 | | 36" - Brown SAND, some Silt, trace fine Gravel. | | ND | dry | 0 | ND | |
| 12 | | | | | | | | | |
| 13 | | | | | | | | | |
| 14 | | | | | | | | | |
| 15 | | | | | | | | | |
| 16 | 36 | | Brown SAND, little Silt. | | ND | dry | 0 | ND | |
| 17 | | | | | | | | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |

Notes:
 Groundwater not encountered.
 PID = photoionization detector ppm = parts per million ND = Not Detected

| SOIL BORING LOG | | | Flushing Commons | Boring No. SB-8 | | | | |
|-----------------|-------------------|-------|----------------------------------|------------------------|----------|-----|------|------------------------------------|
| | | | AKRF Project Number: 10677 | Sheet 2 of 3 | | | | |
| Depth (feet) | Recovery (Inches) | Blows | Surface Condition: 6" of asphalt | Odor | Moisture | PID | NAPL | Samples Collected for Lab Analysis |
| 21 | 36 | | 36" - Brown SAND, little Silt. | ND | dry | 0 | ND | |
| 22 | | | | | | | | |
| 23 | | | | | | | | |
| 24 | | | | | | | | |
| 25 | | | | | | | | |
| 26 | 38 | | 38" - Brown SAND, little Silt. | ND | dry | 0 | ND | |
| 27 | | | | | | | | |
| 28 | | | | | | | | |
| 29 | | | | | | | | |
| 30 | | | | | | | | |
| 31 | 37 | | 37" - Brown SAND, little Silt. | ND | dry | 0 | ND | |
| 32 | | | | | | | | |
| 33 | | | | | | | | |
| 34 | | | | | | | | |
| 35 | | | | | | | | |
| 36 | 36 | | 36" - Brown SAND, little Silt. | ND | dry | 0 | ND | |
| 37 | | | | | | | | |
| 38 | | | | | | | | |
| 39 | | | | | | | | |
| 40 | | | | | | | | |

Notes:
Groundwater not encountered.
PID = photoionization detector ppm = parts per million ND = Not Detected

| SOIL BORING LOG | | | Flushing Commons | Boring No. SB-8 | | | | |
|-----------------|-------------------|-------|--|------------------------|----------|-----|------|------------------------------------|
| | | | AKRF Project Number: 10677 | Sheet 3 of 3 | | | | |
| Depth (feet) | Recovery (Inches) | Blows | Surface Condition: 6" of asphalt | Odor | Moisture | PID | NAPL | Samples Collected for Lab Analysis |
| 41 | 40 | | 40" - Brown SAND, little Silt. | ND | dry | 0 | ND | |
| 42 | | | | | | | | |
| 43 | | | | | | | | |
| 44 | | | | | | | | |
| 45 | | | | | | | | |
| 46 | 42 | | 42" - Brown SAND, little Silt. | ND | dry | 0 | ND | SB-8 (49-51) 8:50 |
| 47 | | | | | | | | |
| 48 | | | | | | | | |
| 49 | | | | | | | | |
| 50 | | | | | | | | |
| 51 | | | 12" - Brown SAND, little Silt. End of Boring @ 51' below grade. | ND | dry | 0 | ND | |
| 52 | | | | | | | | |
| 53 | | | | | | | | |
| 54 | | | | | | | | |
| 55 | | | | | | | | |
| 56 | | | | | | | | |
| 57 | | | | | | | | |
| 58 | | | | | | | | |
| 59 | | | | | | | | |
| 60 | | | | | | | | |

Notes:
Groundwater not encountered.
PID = photoionization detector ppm = parts per million ND = Not Detected

| SOIL BORING LOG | | | Flushing Commons | Boring No. SB-9 | | | | |
|---|-------------------|-------|--|--|----------|-----|------|------------------------------------|
|  440 Park Avenue South, New York, NY 10016 Phone (212) 696-0670 Fax (212) 726-0942 | | | AKRF Project Number: 10677 | Sheet 1 of 2 | | | | |
| | | | Drilling Method: Geoprobe Sampling Method: 3/4" Macrocore Driller: E.E.S Sampler: Rob Andrews | Drilling Start 7:00 Finish 8:30 Time Date 1/13/2014 Weather: sunny, 45 degrees F | | | | |
| Depth (feet) | Recovery (Inches) | Blows | Surface Condition: | Odor | Moisture | PID | NAPL | Samples Collected for Lab Analysis |
| 1 | 56 | | 4" of asphalt 56" - Brown SAND, some Silt, trace Brick (FILL). | ND | dry | 0 | ND | SB-9 (0-2) 7:09 |
| 2 | | | | | | | | |
| 3 | | | | | | | | |
| 4 | | | | | | | | |
| 5 | | | | | | | | |
| 6 | 30 | | Top 6" - Brown SAND, some Silt, trace Asphalt (FILL). Bottom 24" - Brown SAND, trace Silt. | ND | dry | 0 | ND | |
| 7 | | | | | | | | |
| 8 | | | | | | | | |
| 9 | | | | | | | | |
| 10 | | | | | | | | |
| 11 | 40 | | 40" - Brown SAND, trace Silt. | ND | dry | 0 | ND | |
| 12 | | | | | | | | |
| 13 | | | | | | | | |
| 14 | | | | | | | | |
| 15 | | | | | | | | |
| 16 | 44 | | 44" - Brown SAND, trace Silt. | ND | dry | 0 | ND | |
| 17 | | | | | | | | |
| 18 | | | | | | | | |
| 19 | | | | | | | | |
| 20 | | | | | | | | |

Notes:

Groundwater not encountered.

PID = photoionization detector

ppm = parts per million

ND = Not Detected

| SOIL BORING LOG | | | Flushing Commons | Boring No. SB-9 | | | | |
|-----------------|-------------------|-------|----------------------------------|-----------------|----------|-----|------|------------------------------------|
| | | | AKRF Project Number: 10677 | Sheet 2 of 2 | | | | |
| Depth (feet) | Recovery (Inches) | Blows | Surface Condition: 4" of asphalt | Odor | Moisture | PID | NAPL | Samples Collected for Lab Analysis |
| 21 | 44 | | 44" - Brown SAND, trace Silt. | ND | dry | 0 | ND | |
| 22 | | | | | | | | |
| 23 | | | | | | | | |
| 24 | | | | | | | | |
| 25 | | | | | | | | |
| 26 | 44 | | 44" - Brown SAND, trace Silt. | ND | dry | 0 | ND | SB-9 (28-30) 8:30 |
| 27 | | | | | | | | |
| 28 | | | | | | | | |
| 29 | | | | | | | | |
| 30 | | | | | | | | |
| 31 | | | Refusal @ 30' below grade. | | | | | |
| 32 | | | | | | | | |
| 33 | | | | | | | | |
| 34 | | | | | | | | |
| 35 | | | | | | | | |
| 36 | | | | | | | | |
| 37 | | | | | | | | |
| 38 | | | | | | | | |
| 39 | | | | | | | | |
| 40 | | | | | | | | |

Notes:
Groundwater not encountered.
PID = photoionization detector ppm = parts per million ND = Not Detected

| SOIL BORING LOG | | | Flushing Commons | | Boring No. SB-10 | | | | |
|---|-------------------|-------|--|--|--|----------|-----|------|------------------------------------|
|  440 Park Avenue South, New York, NY 10016 Phone (212) 696-0670 Fax (212) 726-0942 | | | AKRF Project Number: 10677 | | Sheet 1 of 2 | | | | |
| | | | Drilling Method: Geoprobe Sampling Method: 3/4" Macrocore Driller: E.E.S Sampler: Rob Andrews | | Drilling Start 7:05 Finish 10:45 Time Date 1/20/2014 Weather: cloudy, 40 degrees F | | | | |
| Depth (feet) | Recovery (Inches) | Blows | Surface Condition: 6" of asphalt | | Odor | Moisture | PID | NAPL | Samples Collected for Lab Analysis |
| 1 | 32 | | 32" - Brown SAND, some Silt, trace fine Gravel (FILL). | | ND | dry | 0 | ND | SB-10 (0-2) 7:10 |
| 2 | | | | | | | | | |
| 3 | | | | | | | | | |
| 4 | | | | | | | | | |
| 5 | | | | | | | | | |
| 6 | 24 | | 24" - Brown SAND, some Silt, trace coarse Gravel. | | ND | dry | 0 | ND | |
| 7 | | | | | | | | | |
| 8 | | | | | | | | | |
| 9 | | | | | | | | | |
| 10 | | | | | | | | | |
| 11 | 36 | | 36" - Brown SAND, some Silt. | | ND | dry | 0 | ND | |
| 12 | | | | | | | | | |
| 13 | | | | | | | | | |
| 14 | | | | | | | | | |
| 15 | | | | | | | | | |
| 16 | 42 | | 42" - Brown SAND, little Silt, trace fine Gravel. | | ND | dry | 0 | ND | |
| 17 | | | | | | | | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |
| Notes: Groundwater not encountered. PID = photoionization detector ppm = parts per million ND = Not Detected | | | | | | | | | |

| SOIL BORING LOG | | | Flushing Commons | Boring No. SB-10 | | | | |
|-----------------|-------------------|-------|---|------------------|----------|-----|------|------------------------------------|
| | | | AKRF Project Number: 10677 | Sheet 2 of 2 | | | | |
| Depth (feet) | Recovery (Inches) | Blows | Surface Condition: 6" of asphalt | Odor | Moisture | PID | NAPL | Samples Collected for Lab Analysis |
| 21 | 36 | | 36" - Brown SAND, some Silt, trace fine Gravel. | ND | dry | 0 | ND | |
| 22 | | | | | | | | |
| 23 | | | | | | | | |
| 24 | | | | | | | | |
| 25 | | | | | | | | |
| 26 | 41 | | 41" - Brown SAND, little Silt. | ND | dry | 0 | ND | SB-10 (28-30) 10:50 |
| 27 | | | | | | | | |
| 28 | | | | | | | | |
| 29 | | | | | | | | |
| 30 | | | | | | | | |
| 31 | | | Refusal @ 30' | | | | | |
| 32 | | | | | | | | |
| 33 | | | | | | | | |
| 34 | | | | | | | | |
| 35 | | | | | | | | |
| 36 | | | | | | | | |
| 37 | | | | | | | | |
| 38 | | | | | | | | |
| 39 | | | | | | | | |
| 40 | | | | | | | | |

Notes:
Groundwater not encountered.
PID = photoionization detector ppm = parts per million ND = Not Detected

Appendix 6
GROUNDWATER SAMPLING LOGS



Well Sampling Log

| Job No: 10677 | | | | | Client: Flushing Commons | | | Well No: TW-1 | |
|--|----------------------|---------------------|-----------|----------------------|------------------------------------|------------------|-----------|--|--|
| Project Location: Flushing, Queens | | | | | Sampled By: RA | | | | |
| Date: 1/20/2014 | | | | | Sampling Time: 14:00 | | | | |
| LEL at surface: | | | | | | | | | |
| PID at surface: 0.00 | | | | | | | | | |
| Total Depth: 50.63 ft. below top of casing | | | | | Water Column (∇): 8.53 feet | | | * = 0.163 * WC for 2" wells | |
| Depth to Water: 42.10 ft. below top of casing | | | | | Well Volume*: 0.17 gallons | | | * = 0.653 * WC for 4" wells | |
| Depth to Product: ND ft. below top of casing | | | | | Volume Purged: 0.7 gallons | | | * = 1.469 * WC for 6" wells | |
| Depth to top of screen: 40.63 ft. below top of casing | | | | | Well Diam.: 3/4 inches | | | Target maximum flow rate is 100 ml/min | |
| Depth to bottom of screen: 40.63 ft. below top of casing | | | | | Purging Device (pump type): | | | | |
| Approx. Pump Intake: 49.00 ft. below top of casing | | | | | Bladder Pump | | | | |
| Time | Depth to Water (Ft.) | Purge Rate (ml/min) | Temp (°C) | Conductivity (mS/cm) | DO (mg/L) | pH | ORP (mV) | Turbidity (NTU) | Comments (problems, odor, sheen) |
| 13:30 | 42.10 | 88 | 6.97 | 0.804 | 17.73 | 7.06 | 36.0 | 236 | |
| 13:35 | 42.10 | 88 | 7.00 | 0.807 | 17.69 | 7.08 | 41.0 | 104 | |
| 13:40 | 42.10 | 88 | 7.02 | 0.809 | 17.61 | 7.10 | 46.0 | 59 | |
| 13:45 | 42.10 | 88 | 7.04 | 0.812 | 17.53 | 7.12 | 50.0 | 5.3 | |
| 13:50 | 42.10 | 88 | 7.06 | 0.814 | 17.46 | 7.15 | 55.0 | 0.9 | |
| 13:55 | 42.10 | 88 | 7.07 | 0.815 | 17.46 | 7.16 | 56.0 | 0.8 | |
| 14:00 | 42.10 | 88 | 7.08 | 0.816 | 17.44 | 7.17 | 58.0 | 0 | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| Stabilization Criteria: | | | | +/- 3 mS/cm | +/- 0.3 mg/L | +/- 0.1 pH units | +/- 10 mV | <50 NTU | If water quality parameters do not stabilize and/or turbidity is greater than 50 NTU within two hours, discontinue purging and collect sample. |
| Groundwater samples analyzed for: VOCs, SVOCs, PCBs, pesticides and total and dissolved metals | | | | | | | | | |



Well Sampling Log

| Job No: 10677 | | | | | Client: Flushing Commons | | | Well No: TW-2 | |
|--|----------------------|---------------------|-----------|----------------------|------------------------------------|------------------|-----------|--|--|
| Project Location: Flushing, Queens | | | | | Sampled By: RA | | | | |
| Date: 1/17/2014 | | | | | Sampling Time: 13:05 | | | | |
| LEL at surface: | | | | | | | | | |
| PID at surface: 0.00 | | | | | | | | | |
| Total Depth: 57.13 ft. below top of casing | | | | | Water Column (V): 7.31 feet | | | * = 0.163 * WC for 2" wells | |
| Depth to Water: 49.82 ft. below top of casing | | | | | Well Volume*: 0.14 gallons | | | * = 0.653 * WC for 4" wells | |
| Depth to Product: ND ft. below top of casing | | | | | Volume Purged: 0.5 gallons | | | * = 1.469 * WC for 6" wells | |
| Depth to top of screen: 47.13 ft. below top of casing | | | | | Well Diam.: 3/4 inches | | | Target maximum flow rate is 100 ml/min | |
| Depth to bottom of screen: 57.13 ft. below top of casing | | | | | Purging Device (pump type): | | | | |
| Approx. Pump Intake: 46.00 ft. below top of casing | | | | | Bladder Pump | | | | |
| Time | Depth to Water (Ft.) | Purge Rate (ml/min) | Temp (°C) | Conductivity (mS/cm) | DO (mg/L) | pH | ORP (mV) | Turbidity (NTU) | Comments (problems, odor, sheen) |
| 12:30 | 49.82 | 63 | 6.96 | 0.871 | 17.21 | 7.04 | 72.0 | 326 | |
| 12:35 | 49.82 | 63 | 6.98 | 0.863 | 17.27 | 7.09 | 69.0 | 234 | |
| 12:40 | 49.82 | 63 | 7.01 | 0.856 | 17.32 | 7.12 | 66.0 | 121 | |
| 12:45 | 49.82 | 63 | 7.03 | 0.841 | 17.41 | 7.16 | 63.0 | 25 | |
| 12:50 | 49.82 | 63 | 7.06 | 0.836 | 17.46 | 7.18 | 58.0 | 10.3 | |
| 12:55 | 49.82 | 63 | 7.09 | 0.829 | 17.51 | 7.21 | 54.0 | 2.4 | |
| 13:00 | 49.82 | 63 | 7.09 | 0.828 | 17.52 | 7.21 | 53.0 | 1.3 | |
| 13:05 | 49.82 | 63 | 7.10 | 0.826 | 17.53 | 7.22 | 52.0 | 0 | |
| | | | | | | | | | |
| | | | | | | | | | |
| Stabilization Criteria: | | | | +/- 3 mS/cm | +/- 0.3 mg/L | +/- 0.1 pH units | +/- 10 mV | <50 NTU | If water quality parameters do not stabilize and/or turbidity is greater than 50 NTU within two hours, discontinue purging and collect sample. |
| Groundwater samples analyzed for: VOCs, SVOCs, PCBs, pesticides and total and dissolved metals | | | | | | | | | |



Well Sampling Log

| Job No: 10677 | | | | | | Client: Flushing Commons | | | Well No: TW-3 |
|--|----------------------|---------------------|-----------|----------------------|--------------|------------------------------------|-----------|-----------------|--|
| Project Location: Flushing, Queens | | | | | | Sampled By: RA | | | |
| Date: 1/20/2014 | | | | | | Sampling Time: 16:00 | | | |
| LEL at surface: | | | | | | | | | |
| PID at surface: 0.00 | | | | | | | | | |
| Total Depth: 51.38 ft. below top of casing | | | | | | Water Column (↑): 6.48 feet | | | *= 0.163 * WC for 2" wells |
| Depth to Water: 44.90 ft. below top of casing | | | | | | Well Volume*: 0.13 gallons | | | *= 0.653 * WC for 4" wells |
| Depth to Product: ND ft. below top of casing | | | | | | Volume Purged: 0.4 gallons | | | *= 1.469 * WC for 6" wells |
| Depth to top of screen: 41.38 ft. below top of casing | | | | | | Well Diam.: 3/4 inches | | | Target maximum flow rate is 100 ml/min |
| Depth to bottom of screen: 51.38 ft. below top of casing | | | | | | Purging Device (pump type): | | | |
| Approx. Pump Intake: 50.00 ft. below top of casing | | | | | | Bladder Pump | | | |
| Time | Depth to Water (Ft.) | Purge Rate (ml/min) | Temp (°C) | Conductivity (mS/cm) | DO (mg/L) | pH | ORP (mV) | Turbidity (NTU) | Comments (problems, odor, sheen) |
| 15:35 | 44.90 | 61 | 7.01 | 0.846 | 17.92 | 7.41 | 79.0 | 123 | |
| 15:40 | 44.90 | 61 | 7.04 | 0.839 | 17.78 | 7.32 | 72.0 | 73 | |
| 15:45 | 44.90 | 61 | 7.09 | 0.834 | 17.63 | 7.23 | 64.0 | 30.6 | |
| 15:50 | 44.90 | 61 | 7.13 | 0.828 | 17.54 | 7.11 | 59.0 | 2.4 | |
| 15:55 | 44.90 | 61 | 7.14 | 0.827 | 17.52 | 7.12 | 58.0 | 1.3 | |
| 16:00 | 44.90 | 61 | 7.15 | 0.826 | 17.51 | 7.12 | 56.0 | 0 | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| Stabilization Criteria: | | | | +/- 3 mS/cm | +/- 0.3 mg/L | +/- 0.1 pH units | +/- 10 mV | <50 NTU | If water quality parameters do not stabilize and/or turbidity is greater than 50 NTU within two hours, discontinue purging and collect sample. |
| Groundwater samples analyzed for: VOCs, SVOCs, PCBs, pesticides and total and dissolved metals | | | | | | | | | |



Well Sampling Log

| Job No: 10677 | | | | | Client: Flushing Commons | | | Well No: TW-4 | |
|--|----------------------|---------------------|-----------|----------------------|------------------------------------|------------------|-----------|--|--|
| Project Location: Flushing, Queens | | | | | Sampled By: RA | | | | |
| Date: 1/17/2014 | | | | | Sampling Time: 15:30 | | | | |
| LEL at surface: | | | | | | | | | |
| PID at surface: 0.00 | | | | | | | | | |
| Total Depth: 55.21 ft. below top of casing | | | | | Water Column (V): 7.36 feet | | | * = 0.163 * WC for 2" wells | |
| Depth to Water: 47.85 ft. below top of casing | | | | | Well Volume*: 0.15 gallons | | | * = 0.653 * WC for 4" wells | |
| Depth to Product: ND ft. below top of casing | | | | | Volume Purged: 0.5 gallons | | | * = 1.469 * WC for 6" wells | |
| Depth to top of screen: 45.21 ft. below top of casing | | | | | Well Diam.: 3/4 inches | | | Target maximum flow rate is 100 ml/min | |
| Depth to bottom of screen: 55.21 ft. below top of casing | | | | | Purging Device (pump type): | | | | |
| Approx. Pump Intake: 54.00 ft. below top of casing | | | | | Bladder Pump | | | | |
| Time | Depth to Water (Ft.) | Purge Rate (ml/min) | Temp (°C) | Conductivity (mS/cm) | DO (mg/L) | pH | ORP (mV) | Turbidity (NTU) | Comments (problems, odor, sheen) |
| 15:00 | 47.85 | 63 | 7.06 | 0.853 | 17.96 | 7.01 | 79.0 | 234 | |
| 15:05 | 47.85 | 63 | 7.09 | 0.848 | 17.94 | 7.03 | 73.0 | 120 | |
| 15:10 | 47.85 | 63 | 7.13 | 0.842 | 17.82 | 7.06 | 69.0 | 83 | |
| 15:15 | 47.85 | 63 | 7.15 | 0.836 | 17.71 | 7.10 | 62.0 | 29.6 | |
| 15:20 | 47.85 | 63 | 7.17 | 0.831 | 17.63 | 7.12 | 57.0 | 1.3 | |
| 15:25 | 47.85 | 63 | 7.17 | 0.829 | 17.62 | 7.13 | 56.0 | 0.5 | |
| 15:30 | 47.85 | 63 | 7.18 | 0.828 | 17.60 | 7.14 | 54.0 | 0 | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| Stabilization Criteria: | | | | +/- 3 mS/cm | +/- 0.3 mg/L | +/- 0.1 pH units | +/- 10 mV | <50 NTU | If water quality parameters do not stabilize and/or turbidity is greater than 50 NTU within two hours, discontinue purging and collect sample. |
| Groundwater samples analyzed for: VOCs, SVOCs, PCBs, pesticides and total and dissolved metals | | | | | | | | | |

Appendix 7
SOIL VAPOR SAMPLING LOGS

Job No: 10677 **Client:** Flushing Commons
Project Location: Flushing NY **Sampled By:** RA
Date: 1/20/2014

Sample ID: AA-1
Canister ID: A263
Flow Controller ID: FC646

Purging

Time Started: NA
Time Stopped: NA
Vol. Purged: NA
Flow Rate: NA

Laboratory Sample (Summa Canister)

Time Started: 09:11 **Vacuum:** -29.90 inHg
Time Stopped: 11:11 **Vacuum:** -6.50 inHg

Field Sample

PID Calibration: 100 ppm Isobutylene
Time Started: NA
Time Stopped: NA
PID Reading: NA
He Reading NA

Job No: 10677 **Client:** Flushing Commons
Project Location: Flushing NY **Sampled By:** RA
Date: 1/20/2014

Sample ID: SV-1
Canister ID: A1042
Flow Controller ID: FC487

Purging

Time Started: 08:17
Time Stopped: 08:27
Vol. Purged: 2 liters
Flow Rate: .2 L/min

Laboratory Sample (Summa Canister)

Time Started: 08:30 **Vacuum:** -30.00 inHg
Time Stopped: 10:30 **Vacuum:** -9.0 inHg

Field Sample

PID Calibration: 100 ppm Isobutylene
Time Started: 08:27
Time Stopped: 08:29
PID Reading: 0.0 ppm
He Reading 0.0 %

Job No: 10677 **Client:** Flushing Commons
Project Location: Flushing NY **Sampled By:** RA
Date: 1/20/2014

Sample ID: SV-2
Canister ID: A881
Flow Controller ID: FC672

Purging

Time Started: 08:50
Time Stopped: 09:00
Vol. Purged: 2 liters
Flow Rate: 0.2 L/min

Laboratory Sample (Summa Canister)

Time Started: 09:05 **Vacuum:** -30.0 inHg
Time Stopped: 11:05 **Vacuum:** -8.0 inHg

Field Sample

PID Calibration: 100 ppm Isobutylene
Time Started: 09:01
Time Stopped: 09:03
PID Reading: 0.0 ppm
He Reading 0.0 %

Job No: 10677 **Client:** Flushing Commons
Project Location: Flushing NY **Sampled By:** RA
Date: 1/20/2014

Sample ID: SV-3
Canister ID: A1197
Flow Controller ID: FC263

Purging

Time Started: 07:40
Time Stopped: 07:50
Vol. Purged: 2 liters
Flow Rate: 0.2 L/min

Laboratory Sample (Summa Canister)

Time Started: 08:00 **Vacuum:** -29.98 inHg
Time Stopped: 10:00 **Vacuum:** -8.0 inHg

Field Sample

PID Calibration: 100 ppm Isobutylene
Time Started: 07:52
Time Stopped: 07:55
PID Reading: 0.0 ppm
He Reading 0.0 %

Job No: 10677 **Client:** Flushing Commons
Project Location: Flushing NY **Sampled By:** RA
Date: 1/20/2014

Sample ID: SV-4
Canister ID: A169
Flow Controller ID: C162

Purging

Time Started: 07:22
Time Stopped: 07:32
Vol. Purged: 2 liters
Flow Rate: 0.2 L/min

Laboratory Sample (Summa Canister)

Time Started: 07:38 **Vacuum:** -30.0 inHg
Time Stopped: 09:38 **Vacuum:** -8.0 inHg

Field Sample

PID Calibration: 100 ppm Isobutylene
Time Started: 07:33
Time Stopped: 07:35
PID Reading: 0.0 ppm
He Reading 0.0 %

Job No: 10677 **Client:** Flushing Commons
Project Location: Flushing NY **Sampled By:** RA
Date: 1/20/2014

Sample ID: SV-5
Canister ID: A1167
Flow Controller ID: FC681

Purging

Time Started: 08:32
Time Stopped: 08:42
Vol. Purged: 2 liters
Flow Rate: 0.2 L/min

Laboratory Sample (Summa Canister)

Time Started: 08:46 **Vacuum:** -29.90 inHg
Time Stopped: 10:46 **Vacuum:** -6.00 inHg

Field Sample

PID Calibration: 100 ppm Isobutylene
Time Started: 08:43
Time Stopped: 08:45
PID Reading: 0.0 ppm
He Reading 0.0 %

Job No: 10677 **Client:** Flushing Commons
Project Location: Flushing NY **Sampled By:** RA
Date: 1/20/2014

Sample ID: SV-6
Canister ID: A310
Flow Controller ID: FC572

Purging

Time Started: 08:01
Time Stopped: 08:11
Vol. Purged: 2 liters
Flow Rate: 0.2 L/min

Laboratory Sample (Summa Canister)

Time Started: 08:15 **Vacuum:** -29.90 inHg
Time Stopped: 10:15 **Vacuum:** -5.0 inHg

Field Sample

PID Calibration: 100 ppm Isobutylene
Time Started: 08:12
Time Stopped: 08:14
PID Reading: 0.0 ppm
He Reading 0.0 %

Appendix 8
LABORATORY ANALYTICAL REPORTS

(ELECTRONIC COPY ONLY)

Technical Report for

AKRF

Flushing Commons, Union Street, Flushing, NY

10677-3106

Accutest Job Number: JB57522

Sampling Dates: 01/13/14 - 01/20/14

Report to:

AKRF

smalinowski@akrf.com

ATTN: Steve Malinowski

Total number of pages in report: 463



Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable.



Nancy Cole
Laboratory Director

Client Service contact: Matt Cordova 732-329-0200

Certifications: NJ(12129), NY(10983), CA, CT, DE, FL, IL, IN, KS, KY, LA, MA, MD, MI, MT, NC, OH VAP (CL0056), PA, RI, SC, TN, VA, WV, DoD ELAP (L-A-B L2248)

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Test results relate only to samples analyzed.

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Sample Summary

AKRF

Job No: JB57522

Flushing Commons, Union Street, Flushing, NY
Project No: 10677-3106

| Sample Number | Collected | | Received | Matrix | | Client Sample ID |
|---------------|-----------|----------|----------|--------|-----------------|------------------|
| | Date | Time By | | Code | Type | |
| JB57522-1 | 01/13/14 | 07:09 RA | 01/13/14 | SO | Soil | SB-9 (0-2) |
| JB57522-2 | 01/13/14 | 08:30 RA | 01/13/14 | SO | Soil | SB-9 (28-30) |
| JB57522-3 | 01/13/14 | 09:10 RA | 01/13/14 | SO | Soil | SB-5 (0-2) |
| JB57522-4 | 01/13/14 | 10:10 RA | 01/13/14 | SO | Soil | SB-5 (36-38) |
| JB57522-5 | 01/13/14 | 10:10 RA | 01/13/14 | AQ | Trip Blank Soil | TRIP BLANK |
| JB57666-1 | 01/14/14 | 09:20 RA | 01/14/14 | SO | Soil | SB-2 (0-2) |
| JB57666-2 | 01/14/14 | 09:50 RA | 01/14/14 | SO | Soil | SB-2 (48-50) |
| JB57834-1 | 01/15/14 | 07:15 RA | 01/15/14 | SO | Soil | SB-8 (0-2) |
| JB57834-2 | 01/15/14 | 08:50 RA | 01/15/14 | SO | Soil | SB-8 (49-51) |
| JB57834-3 | 01/15/14 | 09:40 RA | 01/15/14 | SO | Soil | SB-7 (0-2) |
| JB57834-4 | 01/15/14 | 11:35 RA | 01/15/14 | SO | Soil | SB-7 (49-51) |
| JB57834-5 | 01/15/14 | 11:40 RA | 01/15/14 | SO | Soil | SB-7B (49-51) |
| JB58123-3 | 01/17/14 | 07:20 RA | 01/17/14 | SO | Soil | SB-3 (0-2) |

Soil samples reported on a dry weight basis unless otherwise indicated on result page.



Sample Summary (continued)

AKRF

Job No: JB57522

**Flushing Commons, Union Street, Flushing, NY
Project No: 10677-3106**

| Sample Number | Collected | | Received | Matrix | | Client Sample ID |
|---------------|-----------|----------|----------|--------|-----------------|------------------|
| | Date | Time By | | Code | Type | |
| JB58123-4 | 01/17/14 | 11:10 RA | 01/17/14 | SO | Soil | SB-3 (43-45) |
| JB58123-5 | 01/17/14 | 11:35 RA | 01/17/14 | SO | Soil | SB-1 (0-2) |
| JB58123-6 | 01/17/14 | 13:30 RA | 01/17/14 | SO | Soil | SB-1 (40-42) |
| JB58123-7 | 01/16/14 | 07:10 RA | 01/17/14 | SO | Soil | SB-4 (0-2) |
| JB58123-8 | 01/16/14 | 09:50 RA | 01/17/14 | SO | Soil | SB-4 (28-30) |
| JB58216-1 | 01/20/14 | 07:10 RA | 01/20/14 | SO | Soil | SB-10 (0-2) |
| JB58216-2 | 01/20/14 | 10:50 RA | 01/20/14 | SO | Soil | SB-10 (28-30) |
| JB58216-3 | 01/20/14 | 12:40 RA | 01/20/14 | SO | Soil | SB-6 (0-2) |
| JB58216-4 | 01/20/14 | 13:50 RA | 01/20/14 | SO | Soil | SB-6 (49-51) |
| JB58216-5 | 01/20/14 | 13:50 RA | 01/20/14 | AQ | Trip Blank Soil | TRIP BLANK |

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

CASE NARRATIVE / CONFORMANCE SUMMARY

Client: AKRF

Job No JB57522

Site: Flushing Commons, Union Street, Flushing, NY

Report Date 1/28/2014 1:59:45 PM

Between 01/13/2014 and 01/20/2014, 21 Sample(s), 2 Trip Blank(s) and 0 Field Blank(s) were received at Accutest Laboratories at a temperature of 3 C. Samples were intact and chemically preserved, unless noted below. An Accutest Job Number of JB57522 was assigned to the project. Laboratory sample ID, client sample ID and dates of sample collection are detailed in the report's Results Summary Section.

Specified quality control criteria were achieved for this job except as noted below. For more information, please refer to the analytical results and QC summary pages.

Volatiles by GCMS By Method SW846 8260C

Matrix: AQ

Batch ID: VC6818

- All samples were analyzed within the recommended method holding time.
- Sample(s) JB57521-24MS, JB57521-24MSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.
- Blank Spike Recovery(s) for Acetone are outside control limits.
- VC6818-BS for Acetone: High percent recoveries and no associated positive reported in the QC batch.

Matrix: AQ

Batch ID: VC6829

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JB57769-8MS, JB57769-8MSD were used as the QC samples indicated.

Matrix: SO

Batch ID: VI7746

- All samples were analyzed within the recommended method holding time.
- Sample(s) JB57463-14DUP, JB57463-15MS were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.
- Blank Spike Recovery(s) for 1,2-Dichloroethane, Dichlorodifluoromethane are outside control limits.
- VI7746-BS for 1,2-Dichloroethane: High percent recoveries and no associated positive found in the QC batch.
- VI7746-BS for Dichlorodifluoromethane: High percent recoveries and no associated positive found in the QC batch.

Matrix: SO

Batch ID: VI7747

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JB57679-1DUP, JB57679-2MS, JB57679-1DUP were used as the QC samples indicated.
- Blank Spike Recovery(s) for Dichlorodifluoromethane are outside control limits.
- RPD(s) for Duplicate for 2-Butanone (MEK), Acetone, Carbon disulfide, Ethylbenzene, Isopropylbenzene, m,p-Xylene, Methylcyclohexane, Xylene (total) are outside control limits for sample JB57679-1DUP. High RPD due to possible sample analyzed from different vials.
- VI7747-BS for Dichlorodifluoromethane: High percent recoveries and no associated positive found in the QC batch.

Matrix: SO

Batch ID: VI7755

- Sample(s) JB58216-4MS, JB58300-2DUP were used as the QC samples indicated.
- All samples were analyzed within the recommended method holding time.

Volatiles by GCMS By Method SW846 8260C

Matrix: SO

Batch ID: VI7755

- RPD(s) for Duplicate for 1,2,3-Trichlorobenzene, Ethylbenzene, Isopropylbenzene, Methylcyclohexane, o-Xylene, Trichloroethene, Xylene (total) are outside control limits for sample JB58300-2DUP. High RPD due to possible sample analyzed from different vials.
- VI7755-BS for Dichlorodifluoromethane: High percent recoveries and no associated positive found in the QC batch.
- All method blanks for this batch meet method specific criteria.

Extractables by GCMS By Method SW846 8270D

Matrix: SO

Batch ID: OP71995

- All samples were extracted within the recommended method holding time.
- Sample(s) JB57389-20MS, JB57389-20MSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.
- Matrix Spike Recovery(s) for 1,2,4,5-Tetrachlorobenzene, 2,3,4,6-Tetrachlorophenol, 2,4,5-Trichlorophenol, 2,4,6-Trichlorophenol, 2,4-Dichlorophenol, 2,4-Dimethylphenol, 2,4-Dinitrotoluene, 2-Chloronaphthalene, 2-Nitroaniline, 2-Nitrophenol, 3-Nitroaniline, 4-Bromophenyl phenyl ether, 4-Chloro-3-methyl phenol, 4-Chlorophenyl phenyl ether, 4-Nitroaniline, 4-Nitrophenol, Acenaphthene, Acenaphthylene, Acetophenone, Anthracene, Atrazine, Benzaldehyde, bis(2-Chloroethoxy)methane, bis(2-Chloroethyl)ether, Caprolactam, Di-n-butyl phthalate, Dibenzofuran, Diethyl phthalate, Dimethyl phthalate, Fluoranthene, Fluorene, Hexachlorobenzene, Hexachlorobutadiene, Isophorone, N-Nitroso-di-n-propylamine, N-Nitrosodiphenylamine, Nitrobenzene, Pentachlorophenol, Phenol are outside control limits. Outside control limits due to matrix interference.
- Matrix Spike Duplicate Recovery(s) for 1,2,4,5-Tetrachlorobenzene, 1,4-Dioxane, 2,3,4,6-Tetrachlorophenol, 2,4,5-Trichlorophenol, 2,4-Dichlorophenol, 2,4-Dimethylphenol, 2,4-Dinitrotoluene, 2-Nitroaniline, 3-Nitroaniline, 4-Chloro-3-methyl phenol, 4-Chlorophenyl phenyl ether, 4-Nitroaniline, 4-Nitrophenol, Acenaphthene, Acenaphthylene, Atrazine, Benzaldehyde, bis(2-Chloroethoxy)methane, Caprolactam, Dibenzofuran, Diethyl phthalate, Dimethyl phthalate, Fluorene, Hexachlorobutadiene, Isophorone, N-Nitroso-di-n-propylamine, N-Nitrosodiphenylamine, Nitrobenzene, Pentachlorophenol, Phenol are outside control limits. Probable cause due to matrix interference.
- Sample(s) OP71995-MS, OP71995-MSD have surrogates outside control limits. Probable cause due to matrix interference.
- OP71995-MS for Nitrobenzene-d5: Outside control limits due to matrix interference.
- OP71995-MSD for 2,4,6-Tribromophenol: Outside control limits due to matrix interference.
- OP71995-MSD for Nitrobenzene-d5: Outside control limits due to matrix interference.
- OP71995-MS for 2,4,6-Tribromophenol: Outside control limits due to matrix interference.

Matrix: SO

Batch ID: OP72024

- All samples were extracted within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JB57675-20MS, JB57675-20MSD were used as the QC samples indicated.
- Matrix Spike Recovery(s) for 2,4-Dinitrophenol, 4,6-Dinitro-o-cresol, Benzo(a)pyrene, Benzo(b)fluoranthene, Pyrene are outside control limits. Outside control limits due to matrix interference.
- Matrix Spike Duplicate Recovery(s) for 2,4-Dinitrophenol, 4,6-Dinitro-o-cresol, Benzo(a)anthracene, Benzo(a)pyrene, Benzo(b)fluoranthene, Benzo(g,h,i)perylene, Chrysene, Fluoranthene, Indeno(1,2,3-cd)pyrene, Pyrene are outside control limits. Probable cause due to matrix interference.
- Sample(s) OP71995-MS, OP71995-MSD have surrogates outside control limits. Probable cause due to matrix interference.

Matrix: SO

Batch ID: OP72054

- All samples were extracted within the recommended method holding time.
- Sample(s) JB57808-9MS, JB57808-9MSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.
- Sample(s) OP71995-MS, OP71995-MSD have surrogates outside control limits. Probable cause due to matrix interference.

Matrix: SO

Batch ID: OP72113

- All samples were extracted within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JB58122-2MS, JB58122-2MSD were used as the QC samples indicated.
- JB58123-8: Confirmation run for internal standard areas.

Matrix: SO

Batch ID: OP72149

- All samples were extracted within the recommended method holding time.
- Sample(s) JB58216-1MS, JB58216-1MSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.

Extractables by GCMS By Method SW846 8270D

Matrix: SO **Batch ID:** OP72149

- Matrix Spike Recovery(s) for 4-Nitrophenol are outside control limits. Outside control limits due to matrix interference.
- Matrix Spike Duplicate Recovery(s) for 4-Nitrophenol are outside control limits. Probable cause due to matrix interference.

Extractables by GC By Method SW846 8081B

Matrix: SO **Batch ID:** OP71989

- All samples were extracted within the recommended method holding time.
- Sample(s) JB57368-5AMS, JB57368-5AMSD, OP71989-MSMSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.
- JB57522-3 for 4,4'-DDT: Reported from 1st signal. %D of check on 2nd signal excess method criteria (20 %) so using for confirmation only.

Matrix: SO **Batch ID:** OP72022

- All samples were extracted within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JB57666-1MS, JB57666-1MSD, OP72022-MSMSD were used as the QC samples indicated.

Matrix: SO **Batch ID:** OP72052

- All samples were extracted within the recommended method holding time.
- Sample(s) JB57834-2MS, JB57834-2MSD, OP72052-MSMSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.
- Blank Spike Recovery(s) for Endrin ketone are outside control limits.
- OP72052-BS1 for Endrin ketone: Outside of in house control limits.

Matrix: SO **Batch ID:** OP72115

- All samples were extracted within the recommended method holding time.
- Sample(s) JB58106-1MS, JB58106-1MSD, OP72115-MSMSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.
- RPD(s) for MSD for 4,4'-DDE, 4,4'-DDT, Aldrin, alpha-BHC, Endrin aldehyde, Endrin ketone, gamma-BHC (Lindane), Heptachlor are outside control limits for sample OP72115-MSD. Analytical precision exceeds in-house control limits.

Matrix: SO **Batch ID:** OP72159

- All samples were extracted within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JB58216-2MS, JB58216-2MSD, OP72159-MSMSD were used as the QC samples indicated.

Extractables by GC By Method SW846 8082A

Matrix: SO **Batch ID:** OP71988

- All samples were extracted within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JB57210-1MS, JB57210-1MSD, OP71988-MSMSD were used as the QC samples indicated.

Matrix: SO **Batch ID:** OP72021

- All samples were extracted within the recommended method holding time.
- Sample(s) JB57611-2MS, JB57611-2MSD, OP72021-MSMSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.
- OP72021-MSD for Decachlorobiphenyl: Outside control limits due to matrix interference.
- OP72021-MS for Decachlorobiphenyl: Outside control limits due to matrix interference.

Matrix: SO **Batch ID:** OP72051

- All samples were extracted within the recommended method holding time.
- Sample(s) JB57834-1MS, JB57834-1MSD, OP72051-MSMSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.
- Sample(s) OP72021-MS, OP72021-MSD have surrogates outside control limits. Probable cause due to matrix interference.

Matrix: SO **Batch ID:** OP72116

- All samples were extracted within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JB58123-3MS, JB58123-3MSD, OP72116-MSMSD were used as the QC samples indicated.

Matrix: SO **Batch ID:** OP72158

- All samples were extracted within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JB58216-1MS, JB58216-1MSD, OP72158-MSMSD were used as the QC samples indicated.

Metals By Method SW846 6010C

Matrix: SO

Batch ID: MP77186

- All samples were digested within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JB57522-2MS, JB57522-2MSD, JB57522-2SDL were used as the QC samples for metals.
- Matrix Spike Recovery(s) for Aluminum, Antimony, Iron, Magnesium, Potassium are outside control limits. Spike recovery indicates possible matrix interference and/or sample nonhomogeneity.
- Matrix Spike Duplicate Recovery(s) for Aluminum, Antimony, Iron, Magnesium, Potassium, Manganese are outside control limits. Probable cause due to matrix interference.
- RPD(s) for MSD for Manganese are outside control limits for sample MP77186-S2. High rpd due to possible sample nonhomogeneity.
- RPD(s) for Serial Dilution for Antimony, Arsenic, Cadmium, Lead, Selenium, Silver, Thallium are outside control limits for sample MP77186-SD1. Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

Matrix: SO

Batch ID: MP77214

- All samples were digested within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JB57666-1MS, JB57666-1MSD, JB57666-1SDL were used as the QC samples for metals.
- Matrix Spike Recovery(s) for Aluminum, Antimony, Manganese are outside control limits. Spike recovery indicates possible matrix interference and/or sample nonhomogeneity.
- Matrix Spike Duplicate Recovery(s) for Aluminum, Antimony are outside control limits. Probable cause due to matrix interference.
- RPD(s) for Serial Dilution for Antimony, Arsenic, Cadmium, Selenium, Silver, Thallium are outside control limits for sample MP77214-SD1. Percent difference acceptable due to low initial sample concentration (< 50 times IDL).
- MP77214-SD1 for Manganese: Serial dilution indicates possible matrix interference.
- MP77214-SD1 for Iron: Serial dilution indicates possible matrix interference.

Matrix: SO

Batch ID: MP77247

- All samples were digested within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JB57789-22MS, JB57789-22MSD, JB57789-22SDL were used as the QC samples for metals.
- Matrix Spike Recovery(s) for Antimony, Calcium, Magnesium are outside control limits. Spike recovery indicates possible matrix interference and/or sample nonhomogeneity.
- Matrix Spike Duplicate Recovery(s) for Antimony, Calcium are outside control limits. Probable cause due to matrix interference.
- RPD(s) for Serial Dilution for Cadmium, Selenium, Silver are outside control limits for sample MP77247-SD1. Percent difference acceptable due to low initial sample concentration (< 50 times IDL).
- MP77247-SD1 for Zinc: Serial dilution indicates possible matrix interference.

Matrix: SO

Batch ID: MP77305

- All samples were digested within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JB58123-3MS, JB58123-3MSD, JB58123-3SDL were used as the QC samples for metals.
- Matrix Spike Recovery(s) for Aluminum, Antimony, Manganese are outside control limits. Spike recovery indicates possible matrix interference and/or sample nonhomogeneity.
- Matrix Spike Duplicate Recovery(s) for Aluminum, Antimony are outside control limits. Probable cause due to matrix interference.
- RPD(s) for Serial Dilution for Arsenic, Lead, Silver, Thallium are outside control limits for sample MP77305-SD1. Percent difference acceptable due to low initial sample concentration (< 50 times IDL).
- MP77305-SD1 for Iron: Serial dilution indicates possible matrix interference.

Matrix: SO

Batch ID: MP77348

Metals By Method SW846 6010C

Matrix: SO **Batch ID:** MP77348

- All samples were digested within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JB58054-4MS, JB58054-4MSD, JB58054-4SDL were used as the QC samples for metals.
- Matrix Spike Recovery(s) for Antimony, Potassium are outside control limits. Spike recovery indicates possible matrix interference and/or sample nonhomogeneity.
- Matrix Spike Duplicate Recovery(s) for Antimony are outside control limits. Probable cause due to matrix interference.
- Matrix Spike Recovery(s) for Iron are outside control limits. Spike amount low relative to the sample amount. Refer to lab control or spike blank for recovery information.
- RPD(s) for Serial Dilution for Antimony, Lead, Selenium, Sodium, Thallium, Zinc are outside control limits for sample MP77348-SD1. Percent difference acceptable due to low initial sample concentration (< 50 times IDL).
- MP77348-SD1 for Copper: Serial dilution indicates possible matrix interference.

Metals By Method SW846 7471B

Matrix: SO **Batch ID:** MP77159

- All samples were digested within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JB57522-2MS, JB57522-2MSD were used as the QC samples for metals.

Matrix: SO **Batch ID:** MP77217

- All samples were digested within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JB57532-7MS, JB57532-7MSD were used as the QC samples for metals.

Matrix: SO **Batch ID:** MP77269

- All samples were digested within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JB57840-1MS, JB57840-1MSD were used as the QC samples for metals.

Matrix: SO **Batch ID:** MP77302

- All samples were digested within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JB58121-2MS, JB58121-2MSD were used as the QC samples for metals.

Matrix: SO **Batch ID:** MP77343

- All samples were digested within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JB58068-6MS, JB58068-6MSD were used as the QC samples for metals.
- Matrix Spike Recovery(s) for Mercury are outside control limits. Probable cause due to matrix interference.
- Matrix Spike Duplicate Recovery(s) for Mercury are outside control limits. Probable cause due to matrix interference.

Wet Chemistry By Method SM2540 G-97

| | |
|-------------------|--------------------------|
| Matrix: SO | Batch ID: GN97949 |
|-------------------|--------------------------|

- The data for SM2540 G-97 meets quality control requirements.

| | |
|-------------------|--------------------------|
| Matrix: SO | Batch ID: GN97959 |
|-------------------|--------------------------|

- The data for SM2540 G-97 meets quality control requirements.

| | |
|-------------------|--------------------------|
| Matrix: SO | Batch ID: GN98160 |
|-------------------|--------------------------|

- The data for SM2540 G-97 meets quality control requirements.

| | |
|-------------------|--------------------------|
| Matrix: SO | Batch ID: GN98196 |
|-------------------|--------------------------|

- The data for SM2540 G-97 meets quality control requirements.

| | |
|-------------------|--------------------------|
| Matrix: SO | Batch ID: GN98287 |
|-------------------|--------------------------|

- The data for SM2540 G-97 meets quality control requirements.

Accutest certifies that data reported for samples received, listed on the associated custody chain or analytical task order, were produced to specifications meeting Accutest's Quality System precision, accuracy and completeness objectives except as noted.

Estimated non-standard method measurement uncertainty data is available on request, based on quality control bias and implicit for standard methods. Acceptable uncertainty requires tested parameter quality control data to meet method criteria.

Accutest Laboratories is not responsible for data quality assumptions if partial reports are used and recommends that this report be used in its entirety. Data release is authorized by Accutest Laboratories indicated via signature on the report cover

Summary of Hits

Job Number: JB57522
Account: AKRF
Project: Flushing Commons, Union Street, Flushing, NY
Collected: 01/13/14 thru 01/20/14

| Lab Sample ID | Client Sample ID | Result/ Analyte | RL | MDL | Units | Method |
|---------------|------------------|--------------------|----|-----|-------|--------|
|---------------|------------------|--------------------|----|-----|-------|--------|

JB57522-1 SB-9 (0-2)

| | | | | | |
|----------------------------|--------|------|----|-------|-------------|
| bis(2-Ethylhexyl)phthalate | 42.0 J | 72 | 32 | ug/kg | SW846 8270D |
| Aluminum | 10300 | 57 | | mg/kg | SW846 6010C |
| Barium | 65.4 | 23 | | mg/kg | SW846 6010C |
| Beryllium | 1.4 | 0.23 | | mg/kg | SW846 6010C |
| Calcium | 1520 | 570 | | mg/kg | SW846 6010C |
| Chromium | 28.2 | 1.1 | | mg/kg | SW846 6010C |
| Cobalt | 7.8 | 5.7 | | mg/kg | SW846 6010C |
| Copper | 17.3 | 2.9 | | mg/kg | SW846 6010C |
| Iron | 20600 | 57 | | mg/kg | SW846 6010C |
| Lead | 6.1 | 2.3 | | mg/kg | SW846 6010C |
| Magnesium | 3160 | 570 | | mg/kg | SW846 6010C |
| Manganese | 327 | 1.7 | | mg/kg | SW846 6010C |
| Nickel | 23.1 | 4.6 | | mg/kg | SW846 6010C |
| Potassium | 2490 | 1100 | | mg/kg | SW846 6010C |
| Silver | 1.4 | 0.57 | | mg/kg | SW846 6010C |
| Vanadium | 37.9 | 5.7 | | mg/kg | SW846 6010C |
| Zinc | 35.1 | 2.3 | | mg/kg | SW846 6010C |

JB57522-2 SB-9 (28-30)

| | | | | | |
|----------------------------|--------|------|------|-------|-------------|
| Acetone | 5.9 J | 11 | 5.1 | ug/kg | SW846 8260C |
| Toluene | 0.49 J | 1.1 | 0.16 | ug/kg | SW846 8260C |
| bis(2-Ethylhexyl)phthalate | 44.1 J | 68 | 30 | ug/kg | SW846 8270D |
| Fluoranthene | 15.3 J | 34 | 15 | ug/kg | SW846 8270D |
| Pyrene | 13.9 J | 34 | 13 | ug/kg | SW846 8270D |
| Aluminum | 5550 | 55 | | mg/kg | SW846 6010C |
| Barium | 32.3 | 22 | | mg/kg | SW846 6010C |
| Beryllium | 0.91 | 0.22 | | mg/kg | SW846 6010C |
| Calcium | 600 | 550 | | mg/kg | SW846 6010C |
| Chromium | 16.4 | 1.1 | | mg/kg | SW846 6010C |
| Copper | 8.0 | 2.7 | | mg/kg | SW846 6010C |
| Iron | 11200 | 55 | | mg/kg | SW846 6010C |
| Lead | 3.0 | 2.2 | | mg/kg | SW846 6010C |
| Magnesium | 2270 | 550 | | mg/kg | SW846 6010C |
| Manganese | 160 | 1.6 | | mg/kg | SW846 6010C |
| Nickel | 11.7 | 4.4 | | mg/kg | SW846 6010C |
| Potassium | 1930 | 1100 | | mg/kg | SW846 6010C |
| Silver | 0.88 | 0.55 | | mg/kg | SW846 6010C |
| Vanadium | 19.8 | 5.5 | | mg/kg | SW846 6010C |
| Zinc | 22.6 | 2.2 | | mg/kg | SW846 6010C |

Summary of Hits

Job Number: JB57522
 Account: AKRF
 Project: Flushing Commons, Union Street, Flushing, NY
 Collected: 01/13/14 thru 01/20/14



| Lab Sample ID | Client Sample ID | Result/ Qual | RL | MDL | Units | Method |
|---------------|------------------|-----------------|----|-----|-------|--------|
|---------------|------------------|-----------------|----|-----|-------|--------|

JB57522-3 SB-5 (0-2)

| | | | | | |
|----------------------------|--------|-------|-------|-------|-------------|
| bis(2-Ethylhexyl)phthalate | 48.8 J | 69 | 31 | ug/kg | SW846 8270D |
| 4,4'-DDD | 0.077 | 0.071 | 0.039 | ug/kg | SW846 8081B |
| 4,4'-DDE | 0.41 | 0.071 | 0.029 | ug/kg | SW846 8081B |
| 4,4'-DDT ^a | 0.67 | 0.071 | 0.035 | ug/kg | SW846 8081B |
| Aluminum | 7370 | 54 | | mg/kg | SW846 6010C |
| Barium | 53.0 | 22 | | mg/kg | SW846 6010C |
| Beryllium | 1.0 | 0.22 | | mg/kg | SW846 6010C |
| Calcium | 1370 | 540 | | mg/kg | SW846 6010C |
| Chromium | 19.9 | 1.1 | | mg/kg | SW846 6010C |
| Cobalt | 6.9 | 5.4 | | mg/kg | SW846 6010C |
| Copper | 12.4 | 2.7 | | mg/kg | SW846 6010C |
| Iron | 16300 | 54 | | mg/kg | SW846 6010C |
| Lead | 9.5 | 2.2 | | mg/kg | SW846 6010C |
| Magnesium | 1970 | 540 | | mg/kg | SW846 6010C |
| Manganese | 413 | 1.6 | | mg/kg | SW846 6010C |
| Nickel | 22.2 | 4.3 | | mg/kg | SW846 6010C |
| Potassium | 1440 | 1100 | | mg/kg | SW846 6010C |
| Silver | 0.76 | 0.54 | | mg/kg | SW846 6010C |
| Vanadium | 30.5 | 5.4 | | mg/kg | SW846 6010C |
| Zinc | 27.2 | 2.2 | | mg/kg | SW846 6010C |

JB57522-4 SB-5 (36-38)

| | | | | | |
|----------------------------|--------|------|----|-------|-------------|
| bis(2-Ethylhexyl)phthalate | 36.8 J | 60 | 27 | ug/kg | SW846 8270D |
| Aluminum | 4890 | 52 | | mg/kg | SW846 6010C |
| Barium | 36.6 | 21 | | mg/kg | SW846 6010C |
| Beryllium | 0.74 | 0.21 | | mg/kg | SW846 6010C |
| Calcium | 595 | 520 | | mg/kg | SW846 6010C |
| Chromium | 13.4 | 1.0 | | mg/kg | SW846 6010C |
| Copper | 7.5 | 2.6 | | mg/kg | SW846 6010C |
| Iron | 8900 | 52 | | mg/kg | SW846 6010C |
| Lead | 2.7 | 2.1 | | mg/kg | SW846 6010C |
| Magnesium | 1810 | 520 | | mg/kg | SW846 6010C |
| Manganese | 129 | 1.6 | | mg/kg | SW846 6010C |
| Nickel | 9.2 | 4.1 | | mg/kg | SW846 6010C |
| Potassium | 1500 | 1000 | | mg/kg | SW846 6010C |
| Silver | 0.54 | 0.52 | | mg/kg | SW846 6010C |
| Vanadium | 15.7 | 5.2 | | mg/kg | SW846 6010C |
| Zinc | 16.4 | 2.1 | | mg/kg | SW846 6010C |

JB57522-5 TRIP BLANK

No hits reported in this sample.

Summary of Hits

Job Number: JB57522
Account: AKRF
Project: Flushing Commons, Union Street, Flushing, NY
Collected: 01/13/14 thru 01/20/14



| Lab Sample ID | Client Sample ID | Result/ Qual | RL | MDL | Units | Method |
|---------------|------------------|-----------------|----|-----|-------|--------|
|---------------|------------------|-----------------|----|-----|-------|--------|

JB57666-1 SB-2 (0-2)

| | | | | | |
|-----------------|-------|-------|-------|-------|-------------|
| gamma-Chlordane | 0.17 | 0.072 | 0.050 | ug/kg | SW846 8081B |
| Aluminum | 11800 | 53 | | mg/kg | SW846 6010C |
| Arsenic | 2.4 | 2.1 | | mg/kg | SW846 6010C |
| Barium | 68.6 | 21 | | mg/kg | SW846 6010C |
| Beryllium | 1.5 | 0.21 | | mg/kg | SW846 6010C |
| Calcium | 878 | 530 | | mg/kg | SW846 6010C |
| Chromium | 31.0 | 1.1 | | mg/kg | SW846 6010C |
| Cobalt | 8.7 | 5.3 | | mg/kg | SW846 6010C |
| Copper | 20.4 | 2.6 | | mg/kg | SW846 6010C |
| Iron | 21400 | 53 | | mg/kg | SW846 6010C |
| Lead | 7.2 | 2.1 | | mg/kg | SW846 6010C |
| Magnesium | 3390 | 530 | | mg/kg | SW846 6010C |
| Manganese | 412 | 1.6 | | mg/kg | SW846 6010C |
| Nickel | 24.6 | 4.2 | | mg/kg | SW846 6010C |
| Potassium | 2770 | 1100 | | mg/kg | SW846 6010C |
| Silver | 1.4 | 0.53 | | mg/kg | SW846 6010C |
| Vanadium | 35.8 | 5.3 | | mg/kg | SW846 6010C |
| Zinc | 37.4 | 2.1 | | mg/kg | SW846 6010C |

JB57666-2 SB-2 (48-50)

| | | | | | |
|-----------------|--------|-------|-------|-------|-------------|
| Styrene | 0.71 J | 4.9 | 0.23 | ug/kg | SW846 8260C |
| gamma-Chlordane | 0.14 | 0.064 | 0.044 | ug/kg | SW846 8081B |
| Aluminum | 5240 | 52 | | mg/kg | SW846 6010C |
| Barium | 36.9 | 21 | | mg/kg | SW846 6010C |
| Beryllium | 0.88 | 0.21 | | mg/kg | SW846 6010C |
| Calcium | 1150 | 520 | | mg/kg | SW846 6010C |
| Chromium | 19.6 | 1.0 | | mg/kg | SW846 6010C |
| Copper | 9.5 | 2.6 | | mg/kg | SW846 6010C |
| Iron | 14600 | 52 | | mg/kg | SW846 6010C |
| Lead | 3.3 | 2.1 | | mg/kg | SW846 6010C |
| Magnesium | 1540 | 520 | | mg/kg | SW846 6010C |
| Manganese | 360 | 1.5 | | mg/kg | SW846 6010C |
| Nickel | 11.3 | 4.1 | | mg/kg | SW846 6010C |
| Potassium | 1020 | 1000 | | mg/kg | SW846 6010C |
| Silver | 0.65 | 0.52 | | mg/kg | SW846 6010C |
| Vanadium | 32.9 | 5.2 | | mg/kg | SW846 6010C |
| Zinc | 16.6 | 2.1 | | mg/kg | SW846 6010C |

JB57834-1 SB-8 (0-2)

| | | | | | |
|----------|------|----|--|-------|-------------|
| Aluminum | 8640 | 52 | | mg/kg | SW846 6010C |
|----------|------|----|--|-------|-------------|

Summary of Hits

Job Number: JB57522
Account: AKRF
Project: Flushing Commons, Union Street, Flushing, NY
Collected: 01/13/14 thru 01/20/14



| Lab Sample ID | Client Sample ID | Result/ Qual | RL | MDL | Units | Method |
|------------------|---------------------|-----------------|------|------|-------|-------------|
| | | 42.9 | 21 | | mg/kg | SW846 6010C |
| | | 0.42 | 0.21 | | mg/kg | SW846 6010C |
| | | 599 | 520 | | mg/kg | SW846 6010C |
| | | 17.7 | 1.0 | | mg/kg | SW846 6010C |
| | | 6.5 | 5.2 | | mg/kg | SW846 6010C |
| | | 14.6 | 2.6 | | mg/kg | SW846 6010C |
| | | 14900 | 52 | | mg/kg | SW846 6010C |
| | | 3.9 | 2.1 | | mg/kg | SW846 6010C |
| | | 1970 | 520 | | mg/kg | SW846 6010C |
| | | 363 | 1.6 | | mg/kg | SW846 6010C |
| | | 18.5 | 4.2 | | mg/kg | SW846 6010C |
| | | 1240 | 1000 | | mg/kg | SW846 6010C |
| | | 23.8 | 5.2 | | mg/kg | SW846 6010C |
| | | 22.1 | 2.1 | | mg/kg | SW846 6010C |
| JB57834-2 | SB-8 (49-51) | | | | | |
| | | 1.2 J | 5.4 | 0.25 | ug/kg | SW846 8260C |
| | | 0.70 J | 5.4 | 0.44 | ug/kg | SW846 8260C |
| | | 3140 | 50 | | mg/kg | SW846 6010C |
| | | 21.0 | 20 | | mg/kg | SW846 6010C |
| | | 0.21 | 0.20 | | mg/kg | SW846 6010C |
| | | 894 | 500 | | mg/kg | SW846 6010C |
| | | 12.3 | 1.0 | | mg/kg | SW846 6010C |
| | | 7.2 | 2.5 | | mg/kg | SW846 6010C |
| | | 9360 | 50 | | mg/kg | SW846 6010C |
| | | 2.4 | 2.0 | | mg/kg | SW846 6010C |
| | | 1390 | 500 | | mg/kg | SW846 6010C |
| | | 133 | 1.5 | | mg/kg | SW846 6010C |
| | | 8.6 | 4.0 | | mg/kg | SW846 6010C |
| | | 15.0 | 5.0 | | mg/kg | SW846 6010C |
| | | 13.6 | 2.0 | | mg/kg | SW846 6010C |
| JB57834-3 | SB-7 (0-2) | | | | | |
| | | 12200 | 53 | | mg/kg | SW846 6010C |
| | | 2.4 | 2.1 | | mg/kg | SW846 6010C |
| | | 60.1 | 21 | | mg/kg | SW846 6010C |
| | | 0.62 | 0.21 | | mg/kg | SW846 6010C |
| | | 747 | 530 | | mg/kg | SW846 6010C |
| | | 24.7 | 1.1 | | mg/kg | SW846 6010C |
| | | 8.8 | 5.3 | | mg/kg | SW846 6010C |
| | | 16.7 | 2.7 | | mg/kg | SW846 6010C |
| | | 20300 | 53 | | mg/kg | SW846 6010C |
| | | 5.6 | 2.1 | | mg/kg | SW846 6010C |

Summary of Hits

Job Number: JB57522
Account: AKRF
Project: Flushing Commons, Union Street, Flushing, NY
Collected: 01/13/14 thru 01/20/14



| Lab Sample ID | Client Sample ID | Result/ Qual | RL | MDL | Units | Method | |
|------------------|----------------------|----------------------------|--------|------|-------|--------|-------------|
| | | Magnesium | 3130 | 530 | | mg/kg | SW846 6010C |
| | | Manganese | 499 | 1.6 | | mg/kg | SW846 6010C |
| | | Nickel | 21.0 | 4.3 | | mg/kg | SW846 6010C |
| | | Potassium | 1990 | 1100 | | mg/kg | SW846 6010C |
| | | Vanadium | 32.2 | 5.3 | | mg/kg | SW846 6010C |
| | | Zinc | 31.8 | 2.1 | | mg/kg | SW846 6010C |
| JB57834-4 | SB-7 (49-51) | | | | | | |
| | | Tetrachloroethene | 0.73 J | 5.8 | 0.48 | ug/kg | SW846 8260C |
| | | bis(2-Ethylhexyl)phthalate | 31.4 J | 62 | 27 | ug/kg | SW846 8270D |
| | | Aluminum | 5500 | 50 | | mg/kg | SW846 6010C |
| | | Barium | 55.9 | 20 | | mg/kg | SW846 6010C |
| | | Beryllium | 0.30 | 0.20 | | mg/kg | SW846 6010C |
| | | Calcium | 891 | 500 | | mg/kg | SW846 6010C |
| | | Chromium | 26.7 | 1.0 | | mg/kg | SW846 6010C |
| | | Cobalt | 5.2 | 5.0 | | mg/kg | SW846 6010C |
| | | Copper | 10.4 | 2.5 | | mg/kg | SW846 6010C |
| | | Iron | 12400 | 50 | | mg/kg | SW846 6010C |
| | | Lead | 2.8 | 2.0 | | mg/kg | SW846 6010C |
| | | Magnesium | 2690 | 500 | | mg/kg | SW846 6010C |
| | | Manganese | 323 | 1.5 | | mg/kg | SW846 6010C |
| | | Nickel | 16.9 | 4.0 | | mg/kg | SW846 6010C |
| | | Potassium | 2020 | 1000 | | mg/kg | SW846 6010C |
| | | Vanadium | 17.1 | 5.0 | | mg/kg | SW846 6010C |
| | | Zinc | 31.4 | 2.0 | | mg/kg | SW846 6010C |
| JB57834-5 | SB-7B (49-51) | | | | | | |
| | | Tetrachloroethene | 1.0 J | 5.6 | 0.46 | ug/kg | SW846 8260C |
| | | Aluminum | 3850 | 52 | | mg/kg | SW846 6010C |
| | | Barium | 33.3 | 21 | | mg/kg | SW846 6010C |
| | | Beryllium | 0.23 | 0.21 | | mg/kg | SW846 6010C |
| | | Calcium | 689 | 520 | | mg/kg | SW846 6010C |
| | | Chromium | 12.9 | 1.0 | | mg/kg | SW846 6010C |
| | | Copper | 6.5 | 2.6 | | mg/kg | SW846 6010C |
| | | Iron | 10100 | 52 | | mg/kg | SW846 6010C |
| | | Lead | 2.3 | 2.1 | | mg/kg | SW846 6010C |
| | | Magnesium | 1620 | 520 | | mg/kg | SW846 6010C |
| | | Manganese | 188 | 1.6 | | mg/kg | SW846 6010C |
| | | Nickel | 9.7 | 4.2 | | mg/kg | SW846 6010C |
| | | Potassium | 1250 | 1000 | | mg/kg | SW846 6010C |
| | | Vanadium | 15.3 | 5.2 | | mg/kg | SW846 6010C |
| | | Zinc | 15.3 | 2.1 | | mg/kg | SW846 6010C |

Summary of Hits

Job Number: JB57522
Account: AKRF
Project: Flushing Commons, Union Street, Flushing, NY
Collected: 01/13/14 thru 01/20/14

| Lab Sample ID | Client Sample ID | Result/ Analyte | RL | MDL | Units | Method |
|---------------|------------------|--------------------|----|-----|-------|--------|
|---------------|------------------|--------------------|----|-----|-------|--------|

JB58123-3 SB-3 (0-2)

| | | | | | | |
|-----------|-------|------|--|--|-------|-------------|
| Aluminum | 9180 | 53 | | | mg/kg | SW846 6010C |
| Arsenic | 2.9 | 2.1 | | | mg/kg | SW846 6010C |
| Barium | 61.4 | 21 | | | mg/kg | SW846 6010C |
| Beryllium | 0.46 | 0.21 | | | mg/kg | SW846 6010C |
| Calcium | 1130 | 530 | | | mg/kg | SW846 6010C |
| Chromium | 23.5 | 1.1 | | | mg/kg | SW846 6010C |
| Cobalt | 8.9 | 5.3 | | | mg/kg | SW846 6010C |
| Copper | 17.0 | 2.6 | | | mg/kg | SW846 6010C |
| Iron | 20900 | 53 | | | mg/kg | SW846 6010C |
| Lead | 6.5 | 2.1 | | | mg/kg | SW846 6010C |
| Magnesium | 2830 | 530 | | | mg/kg | SW846 6010C |
| Manganese | 406 | 1.6 | | | mg/kg | SW846 6010C |
| Nickel | 30.0 | 4.2 | | | mg/kg | SW846 6010C |
| Potassium | 2010 | 1100 | | | mg/kg | SW846 6010C |
| Silver | 0.96 | 0.53 | | | mg/kg | SW846 6010C |
| Vanadium | 29.9 | 5.3 | | | mg/kg | SW846 6010C |
| Zinc | 38.5 | 2.1 | | | mg/kg | SW846 6010C |

JB58123-4 SB-3 (43-45)

| | | | | | | |
|-----------|-------|------|--|--|-------|-------------|
| Aluminum | 2840 | 52 | | | mg/kg | SW846 6010C |
| Arsenic | 29.1 | 2.1 | | | mg/kg | SW846 6010C |
| Barium | 23.1 | 21 | | | mg/kg | SW846 6010C |
| Chromium | 25.9 | 1.0 | | | mg/kg | SW846 6010C |
| Cobalt | 31.9 | 5.2 | | | mg/kg | SW846 6010C |
| Copper | 7.9 | 2.6 | | | mg/kg | SW846 6010C |
| Iron | 27900 | 52 | | | mg/kg | SW846 6010C |
| Lead | 12.7 | 2.1 | | | mg/kg | SW846 6010C |
| Magnesium | 654 | 520 | | | mg/kg | SW846 6010C |
| Manganese | 163 | 1.6 | | | mg/kg | SW846 6010C |
| Nickel | 39.4 | 4.1 | | | mg/kg | SW846 6010C |
| Silver | 1.7 | 0.52 | | | mg/kg | SW846 6010C |
| Vanadium | 22.2 | 5.2 | | | mg/kg | SW846 6010C |
| Zinc | 16.1 | 2.1 | | | mg/kg | SW846 6010C |

JB58123-5 SB-1 (0-2)

| | | | | | | |
|-----------|------|------|--|--|-------|-------------|
| Aluminum | 6610 | 52 | | | mg/kg | SW846 6010C |
| Barium | 42.8 | 21 | | | mg/kg | SW846 6010C |
| Beryllium | 0.27 | 0.21 | | | mg/kg | SW846 6010C |
| Calcium | 791 | 520 | | | mg/kg | SW846 6010C |
| Chromium | 14.7 | 1.0 | | | mg/kg | SW846 6010C |
| Cobalt | 6.5 | 5.2 | | | mg/kg | SW846 6010C |

Summary of Hits

Job Number: JB57522
Account: AKRF
Project: Flushing Commons, Union Street, Flushing, NY
Collected: 01/13/14 thru 01/20/14



| Lab Sample ID | Client Sample ID | Result/ Analyte | RL | MDL | Units | Method |
|------------------|---------------------|--------------------|-------|------|-------|-------------|
| | | Copper | 14.0 | 2.6 | mg/kg | SW846 6010C |
| | | Iron | 16100 | 52 | mg/kg | SW846 6010C |
| | | Lead | 3.9 | 2.1 | mg/kg | SW846 6010C |
| | | Magnesium | 2120 | 520 | mg/kg | SW846 6010C |
| | | Manganese | 418 | 1.6 | mg/kg | SW846 6010C |
| | | Nickel | 22.0 | 4.2 | mg/kg | SW846 6010C |
| | | Potassium | 1050 | 1000 | mg/kg | SW846 6010C |
| | | Silver | 0.89 | 0.52 | mg/kg | SW846 6010C |
| | | Vanadium | 20.0 | 5.2 | mg/kg | SW846 6010C |
| | | Zinc | 33.1 | 2.1 | mg/kg | SW846 6010C |
| JB58123-6 | SB-1 (40-42) | | | | | |
| | | Aluminum | 856 | 52 | mg/kg | SW846 6010C |
| | | Chromium | 5.5 | 1.0 | mg/kg | SW846 6010C |
| | | Copper | 3.2 | 2.6 | mg/kg | SW846 6010C |
| | | Iron | 6390 | 52 | mg/kg | SW846 6010C |
| | | Manganese | 200 | 1.6 | mg/kg | SW846 6010C |
| | | Nickel | 4.8 | 4.2 | mg/kg | SW846 6010C |
| | | Vanadium | 7.8 | 5.2 | mg/kg | SW846 6010C |
| | | Zinc | 7.3 | 2.1 | mg/kg | SW846 6010C |
| JB58123-7 | SB-4 (0-2) | | | | | |
| | | Aluminum | 10700 | 56 | mg/kg | SW846 6010C |
| | | Barium | 61.0 | 23 | mg/kg | SW846 6010C |
| | | Beryllium | 0.52 | 0.23 | mg/kg | SW846 6010C |
| | | Calcium | 605 | 560 | mg/kg | SW846 6010C |
| | | Chromium | 27.2 | 1.1 | mg/kg | SW846 6010C |
| | | Cobalt | 8.9 | 5.6 | mg/kg | SW846 6010C |
| | | Copper | 16.3 | 2.8 | mg/kg | SW846 6010C |
| | | Iron | 21900 | 56 | mg/kg | SW846 6010C |
| | | Lead | 5.5 | 2.3 | mg/kg | SW846 6010C |
| | | Magnesium | 2670 | 560 | mg/kg | SW846 6010C |
| | | Manganese | 510 | 1.7 | mg/kg | SW846 6010C |
| | | Nickel | 23.6 | 4.5 | mg/kg | SW846 6010C |
| | | Potassium | 2020 | 1100 | mg/kg | SW846 6010C |
| | | Silver | 1.3 | 0.56 | mg/kg | SW846 6010C |
| | | Vanadium | 34.5 | 5.6 | mg/kg | SW846 6010C |
| | | Zinc | 32.5 | 2.3 | mg/kg | SW846 6010C |
| JB58123-8 | SB-4 (28-30) | | | | | |
| | | Aluminum | 4120 | 52 | mg/kg | SW846 6010C |
| | | Barium | 37.4 | 21 | mg/kg | SW846 6010C |

Summary of Hits

Job Number: JB57522
 Account: AKRF
 Project: Flushing Commons, Union Street, Flushing, NY
 Collected: 01/13/14 thru 01/20/14



| Lab Sample ID | Client Sample ID | Result/ Analyte | RL | MDL | Units | Method |
|---------------|------------------|--------------------|-------|------|-----------|-------------|
| | | Calcium | 2180 | 520 | mg/kg | SW846 6010C |
| | | Chromium | 18.6 | 1.0 | mg/kg | SW846 6010C |
| | | Copper | 11.2 | 2.6 | mg/kg | SW846 6010C |
| | | Iron | 12000 | 52 | mg/kg | SW846 6010C |
| | | Lead | 4.2 | 2.1 | mg/kg | SW846 6010C |
| | | Magnesium | 2180 | 520 | mg/kg | SW846 6010C |
| | | Manganese | 342 | 1.6 | mg/kg | SW846 6010C |
| | | Nickel | 11.3 | 4.2 | mg/kg | SW846 6010C |
| | | Potassium | 1360 | 1000 | mg/kg | SW846 6010C |
| | | Silver | 0.65 | 0.52 | mg/kg | SW846 6010C |
| | | Vanadium | 18.5 | 5.2 | mg/kg | SW846 6010C |
| | | Zinc | 18.9 | 2.1 | mg/kg | SW846 6010C |
| JB58216-1 | SB-10 (0-2) | | | | | |
| | | Acetone | 8.5 J | 11 | 5.1 ug/kg | SW846 8260C |
| | | Aluminum | 9980 | 54 | mg/kg | SW846 6010C |
| | | Arsenic | 2.5 | 2.2 | mg/kg | SW846 6010C |
| | | Barium | 64.7 | 22 | mg/kg | SW846 6010C |
| | | Beryllium | 0.36 | 0.22 | mg/kg | SW846 6010C |
| | | Calcium | 3940 | 540 | mg/kg | SW846 6010C |
| | | Chromium | 54.2 | 1.1 | mg/kg | SW846 6010C |
| | | Cobalt | 8.1 | 5.4 | mg/kg | SW846 6010C |
| | | Copper | 29.2 | 2.7 | mg/kg | SW846 6010C |
| | | Iron | 22300 | 54 | mg/kg | SW846 6010C |
| | | Lead | 11.7 | 2.2 | mg/kg | SW846 6010C |
| | | Magnesium | 4050 | 540 | mg/kg | SW846 6010C |
| | | Manganese | 416 | 1.6 | mg/kg | SW846 6010C |
| | | Nickel | 24.0 | 4.3 | mg/kg | SW846 6010C |
| | | Potassium | 1810 | 1100 | mg/kg | SW846 6010C |
| | | Vanadium | 39.4 | 5.4 | mg/kg | SW846 6010C |
| | | Zinc | 37.7 | 2.2 | mg/kg | SW846 6010C |
| JB58216-2 | SB-10 (28-30) | | | | | |
| | | Aluminum | 8920 | 53 | mg/kg | SW846 6010C |
| | | Antimony | 2.4 | 2.1 | mg/kg | SW846 6010C |
| | | Arsenic | 3.1 | 2.1 | mg/kg | SW846 6010C |
| | | Barium | 105 | 21 | mg/kg | SW846 6010C |
| | | Beryllium | 1.5 | 0.21 | mg/kg | SW846 6010C |
| | | Calcium | 1710 | 530 | mg/kg | SW846 6010C |
| | | Chromium | 22.3 | 1.1 | mg/kg | SW846 6010C |
| | | Cobalt | 14.4 | 5.3 | mg/kg | SW846 6010C |
| | | Copper | 22.6 | 2.6 | mg/kg | SW846 6010C |
| | | Iron | 59300 | 110 | mg/kg | SW846 6010C |

Summary of Hits

Job Number: JB57522
Account: AKRF
Project: Flushing Commons, Union Street, Flushing, NY
Collected: 01/13/14 thru 01/20/14



| Lab Sample ID | Client Sample ID | Result/ Qual | RL | MDL | Units | Method |
|------------------|---------------------|-----------------|-------|------|-------|-------------|
| | | Lead | 5.3 | 2.1 | mg/kg | SW846 6010C |
| | | Magnesium | 3160 | 530 | mg/kg | SW846 6010C |
| | | Manganese | 750 | 1.6 | mg/kg | SW846 6010C |
| | | Nickel | 29.9 | 4.2 | mg/kg | SW846 6010C |
| | | Potassium | 1590 | 1100 | mg/kg | SW846 6010C |
| | | Vanadium | 46.6 | 5.3 | mg/kg | SW846 6010C |
| | | Zinc | 80.5 | 2.1 | mg/kg | SW846 6010C |
| JB58216-3 | SB-6 (0-2) | | | | | |
| | | Aluminum | 3940 | 52 | mg/kg | SW846 6010C |
| | | Barium | 32.3 | 21 | mg/kg | SW846 6010C |
| | | Calcium | 923 | 520 | mg/kg | SW846 6010C |
| | | Chromium | 15.9 | 1.0 | mg/kg | SW846 6010C |
| | | Copper | 6.5 | 2.6 | mg/kg | SW846 6010C |
| | | Iron | 10900 | 52 | mg/kg | SW846 6010C |
| | | Lead | 2.5 | 2.1 | mg/kg | SW846 6010C |
| | | Magnesium | 1600 | 520 | mg/kg | SW846 6010C |
| | | Manganese | 238 | 1.6 | mg/kg | SW846 6010C |
| | | Nickel | 10.8 | 4.1 | mg/kg | SW846 6010C |
| | | Potassium | 1160 | 1000 | mg/kg | SW846 6010C |
| | | Vanadium | 19.3 | 5.2 | mg/kg | SW846 6010C |
| | | Zinc | 16.0 | 2.1 | mg/kg | SW846 6010C |
| JB58216-4 | SB-6 (49-51) | | | | | |
| | | Aluminum | 4010 | 52 | mg/kg | SW846 6010C |
| | | Barium | 29.7 | 21 | mg/kg | SW846 6010C |
| | | Beryllium | 0.24 | 0.21 | mg/kg | SW846 6010C |
| | | Calcium | 1630 | 520 | mg/kg | SW846 6010C |
| | | Chromium | 26.5 | 1.0 | mg/kg | SW846 6010C |
| | | Cobalt | 6.0 | 5.2 | mg/kg | SW846 6010C |
| | | Copper | 12.0 | 2.6 | mg/kg | SW846 6010C |
| | | Iron | 20500 | 52 | mg/kg | SW846 6010C |
| | | Lead | 2.7 | 2.1 | mg/kg | SW846 6010C |
| | | Magnesium | 1410 | 520 | mg/kg | SW846 6010C |
| | | Manganese | 225 | 1.5 | mg/kg | SW846 6010C |
| | | Nickel | 14.3 | 4.1 | mg/kg | SW846 6010C |
| | | Vanadium | 48.0 | 5.2 | mg/kg | SW846 6010C |
| | | Zinc | 16.4 | 2.1 | mg/kg | SW846 6010C |
| JB58216-5 | TRIP BLANK | | | | | |

No hits reported in this sample.

Summary of Hits

Job Number: JB57522
Account: AKRF
Project: Flushing Commons, Union Street, Flushing, NY
Collected: 01/13/14 thru 01/20/14



| Lab Sample ID | Client Sample ID | Result/ Qual | RL | MDL | Units | Method |
|---------------|------------------|-----------------|----|-----|-------|--------|
|---------------|------------------|-----------------|----|-----|-------|--------|

(a) Reported from 1st signal. %D of check on 2nd signal excess method criteria (20 %) so using for confirmation only.

Sample Results

Report of Analysis

Report of Analysis

| | |
|---|-------------------------|
| Client Sample ID: SB-9 (0-2) | Date Sampled: 01/13/14 |
| Lab Sample ID: JB57522-1 | Date Received: 01/13/14 |
| Matrix: SO - Soil | Percent Solids: 90.4 |
| Method: SW846 8260C SW846 5035 | |
| Project: Flushing Commons, Union Street, Flushing, NY | |

| Run #1 | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|-----------|----|----------|-----|----------------|------------|------------------|
| Run #2 | I191734.D | 1 | 01/15/14 | SJM | 01/14/14 09:00 | n/a | VI7746 |

| Run #1 | Initial Weight |
|--------|----------------|
| Run #2 | 6.2 g |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|-----------------------------|--------|------|------|-------|---|
| 67-64-1 | Acetone | ND | 8.9 | 4.1 | ug/kg | |
| 71-43-2 | Benzene | ND | 0.89 | 0.11 | ug/kg | |
| 74-97-5 | Bromochloromethane | ND | 4.5 | 0.46 | ug/kg | |
| 75-27-4 | Bromodichloromethane | ND | 4.5 | 0.25 | ug/kg | |
| 75-25-2 | Bromoform | ND | 4.5 | 0.23 | ug/kg | |
| 74-83-9 | Bromomethane | ND | 4.5 | 0.43 | ug/kg | |
| 78-93-3 | 2-Butanone (MEK) | ND | 8.9 | 3.9 | ug/kg | |
| 75-15-0 | Carbon disulfide | ND | 4.5 | 0.13 | ug/kg | |
| 56-23-5 | Carbon tetrachloride | ND | 4.5 | 0.22 | ug/kg | |
| 108-90-7 | Chlorobenzene | ND | 4.5 | 0.18 | ug/kg | |
| 75-00-3 | Chloroethane | ND | 4.5 | 0.89 | ug/kg | |
| 67-66-3 | Chloroform | ND | 4.5 | 0.23 | ug/kg | |
| 74-87-3 | Chloromethane | ND | 4.5 | 0.31 | ug/kg | |
| 110-82-7 | Cyclohexane | ND | 4.5 | 0.23 | ug/kg | |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ND | 8.9 | 1.2 | ug/kg | |
| 124-48-1 | Dibromochloromethane | ND | 4.5 | 0.22 | ug/kg | |
| 106-93-4 | 1,2-Dibromoethane | ND | 0.89 | 0.49 | ug/kg | |
| 95-50-1 | 1,2-Dichlorobenzene | ND | 4.5 | 0.30 | ug/kg | |
| 541-73-1 | 1,3-Dichlorobenzene | ND | 4.5 | 0.19 | ug/kg | |
| 106-46-7 | 1,4-Dichlorobenzene | ND | 4.5 | 0.22 | ug/kg | |
| 75-71-8 | Dichlorodifluoromethane | ND | 4.5 | 0.31 | ug/kg | |
| 75-34-3 | 1,1-Dichloroethane | ND | 4.5 | 0.28 | ug/kg | |
| 107-06-2 | 1,2-Dichloroethane | ND | 0.89 | 0.29 | ug/kg | |
| 75-35-4 | 1,1-Dichloroethene | ND | 4.5 | 0.26 | ug/kg | |
| 156-59-2 | cis-1,2-Dichloroethene | ND | 4.5 | 0.18 | ug/kg | |
| 156-60-5 | trans-1,2-Dichloroethene | ND | 4.5 | 0.38 | ug/kg | |
| 78-87-5 | 1,2-Dichloropropane | ND | 4.5 | 0.39 | ug/kg | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 4.5 | 0.20 | ug/kg | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 4.5 | 0.24 | ug/kg | |
| 100-41-4 | Ethylbenzene | ND | 0.89 | 0.16 | ug/kg | |
| 76-13-1 | Freon 113 | ND | 4.5 | 0.39 | ug/kg | |
| 591-78-6 | 2-Hexanone | ND | 4.5 | 1.6 | ug/kg | |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | | | |
|-------------------|--|-----------------|----------|
| Client Sample ID: | SB-9 (0-2) | Date Sampled: | 01/13/14 |
| Lab Sample ID: | JB57522-1 | Date Received: | 01/13/14 |
| Matrix: | SO - Soil | Percent Solids: | 90.4 |
| Method: | SW846 8260C SW846 5035 | | |
| Project: | Flushing Commons, Union Street, Flushing, NY | | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|----------------------------|--------|------|------|-------|---|
| 98-82-8 | Isopropylbenzene | ND | 4.5 | 0.13 | ug/kg | |
| 79-20-9 | Methyl Acetate | ND | 4.5 | 1.5 | ug/kg | |
| 108-87-2 | Methylcyclohexane | ND | 4.5 | 0.15 | ug/kg | |
| 1634-04-4 | Methyl Tert Butyl Ether | ND | 0.89 | 0.31 | ug/kg | |
| 108-10-1 | 4-Methyl-2-pentanone(MIBK) | ND | 4.5 | 1.2 | ug/kg | |
| 75-09-2 | Methylene chloride | ND | 4.5 | 1.5 | ug/kg | |
| 100-42-5 | Styrene | ND | 4.5 | 0.21 | ug/kg | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 4.5 | 0.31 | ug/kg | |
| 127-18-4 | Tetrachloroethene | ND | 4.5 | 0.37 | ug/kg | |
| 108-88-3 | Toluene | ND | 0.89 | 0.13 | ug/kg | |
| 87-61-6 | 1,2,3-Trichlorobenzene | ND | 4.5 | 0.18 | ug/kg | |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | 4.5 | 0.16 | ug/kg | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 4.5 | 0.26 | ug/kg | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 4.5 | 0.73 | ug/kg | |
| 79-01-6 | Trichloroethene | ND | 4.5 | 0.31 | ug/kg | |
| 75-69-4 | Trichlorofluoromethane | ND | 4.5 | 0.20 | ug/kg | |
| 75-01-4 | Vinyl chloride | ND | 4.5 | 0.31 | ug/kg | |
| | m,p-Xylene | ND | 0.89 | 0.43 | ug/kg | |
| 95-47-6 | o-Xylene | ND | 0.89 | 0.16 | ug/kg | |
| 1330-20-7 | Xylene (total) | ND | 0.89 | 0.16 | ug/kg | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|------------|-----------------------|--------|--------|---------|
| 1868-53-7 | Dibromofluoromethane | 98% | | 59-130% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 114% | | 65-123% |
| 2037-26-5 | Toluene-D8 | 90% | | 80-124% |
| 460-00-4 | 4-Bromofluorobenzene | 105% | | 71-132% |

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

| | |
|---|-------------------------|
| Client Sample ID: SB-9 (0-2) | Date Sampled: 01/13/14 |
| Lab Sample ID: JB57522-1 | Date Received: 01/13/14 |
| Matrix: SO - Soil | Percent Solids: 90.4 |
| Method: SW846 8270D SW846 3550C | |
| Project: Flushing Commons, Union Street, Flushing, NY | |

| Run #1 | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|-----------|----|----------|----|-----------|------------|------------------|
| Run #2 | M101005.D | 1 | 01/15/14 | KR | 01/14/14 | OP71995 | EM4114 |

| Run #1 | Initial Weight | Final Volume |
|--------|----------------|--------------|
| Run #2 | 30.8 g | 1.0 ml |

ABN TCL List (SOM0 2.0)

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|----------------------------|--------|-----|-----|-------|---|
| 95-57-8 | 2-Chlorophenol | ND | 72 | 36 | ug/kg | |
| 59-50-7 | 4-Chloro-3-methyl phenol | ND | 180 | 36 | ug/kg | |
| 120-83-2 | 2,4-Dichlorophenol | ND | 180 | 58 | ug/kg | |
| 105-67-9 | 2,4-Dimethylphenol | ND | 180 | 60 | ug/kg | |
| 51-28-5 | 2,4-Dinitrophenol | ND | 720 | 44 | ug/kg | |
| 534-52-1 | 4,6-Dinitro-o-cresol | ND | 720 | 44 | ug/kg | |
| 95-48-7 | 2-Methylphenol | ND | 72 | 41 | ug/kg | |
| | 3&4-Methylphenol | ND | 72 | 46 | ug/kg | |
| 88-75-5 | 2-Nitrophenol | ND | 180 | 38 | ug/kg | |
| 100-02-7 | 4-Nitrophenol | ND | 360 | 61 | ug/kg | |
| 87-86-5 | Pentachlorophenol | ND | 360 | 61 | ug/kg | |
| 108-95-2 | Phenol | ND | 72 | 38 | ug/kg | |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | ND | 180 | 37 | ug/kg | |
| 95-95-4 | 2,4,5-Trichlorophenol | ND | 180 | 42 | ug/kg | |
| 88-06-2 | 2,4,6-Trichlorophenol | ND | 180 | 34 | ug/kg | |
| 83-32-9 | Acenaphthene | ND | 36 | 10 | ug/kg | |
| 208-96-8 | Acenaphthylene | ND | 36 | 11 | ug/kg | |
| 98-86-2 | Acetophenone | ND | 180 | 6.3 | ug/kg | |
| 120-12-7 | Anthracene | ND | 36 | 13 | ug/kg | |
| 1912-24-9 | Atrazine | ND | 72 | 7.1 | ug/kg | |
| 56-55-3 | Benzo(a)anthracene | ND | 36 | 12 | ug/kg | |
| 50-32-8 | Benzo(a)pyrene | ND | 36 | 11 | ug/kg | |
| 205-99-2 | Benzo(b)fluoranthene | ND | 36 | 12 | ug/kg | |
| 191-24-2 | Benzo(g,h,i)perylene | ND | 36 | 13 | ug/kg | |
| 207-08-9 | Benzo(k)fluoranthene | ND | 36 | 14 | ug/kg | |
| 101-55-3 | 4-Bromophenyl phenyl ether | ND | 72 | 13 | ug/kg | |
| 85-68-7 | Butyl benzyl phthalate | ND | 72 | 21 | ug/kg | |
| 92-52-4 | 1,1'-Biphenyl | ND | 72 | 4.2 | ug/kg | |
| 100-52-7 | Benzaldehyde | ND | 180 | 8.3 | ug/kg | |
| 91-58-7 | 2-Chloronaphthalene | ND | 72 | 11 | ug/kg | |
| 106-47-8 | 4-Chloroaniline | ND | 180 | 11 | ug/kg | |
| 86-74-8 | Carbazole | ND | 72 | 17 | ug/kg | |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | | | |
|-------------------|--|-----------------|----------|
| Client Sample ID: | SB-9 (0-2) | Date Sampled: | 01/13/14 |
| Lab Sample ID: | JB57522-1 | Date Received: | 01/13/14 |
| Matrix: | SO - Soil | Percent Solids: | 90.4 |
| Method: | SW846 8270D SW846 3550C | | |
| Project: | Flushing Commons, Union Street, Flushing, NY | | |

ABN TCL List (SOM0 2.0)

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|-----------------------------|--------|-----|-----|-------|---|
| 105-60-2 | Caprolactam | ND | 72 | 11 | ug/kg | |
| 218-01-9 | Chrysene | ND | 36 | 12 | ug/kg | |
| 111-91-1 | bis(2-Chloroethoxy)methane | ND | 72 | 15 | ug/kg | |
| 111-44-4 | bis(2-Chloroethyl)ether | ND | 72 | 11 | ug/kg | |
| 108-60-1 | bis(2-Chloroisopropyl)ether | ND | 72 | 11 | ug/kg | |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | ND | 72 | 11 | ug/kg | |
| 121-14-2 | 2,4-Dinitrotoluene | ND | 36 | 16 | ug/kg | |
| 606-20-2 | 2,6-Dinitrotoluene | ND | 36 | 14 | ug/kg | |
| 91-94-1 | 3,3'-Dichlorobenzidine | ND | 72 | 9.1 | ug/kg | |
| 123-91-1 | 1,4-Dioxane | ND | 36 | 23 | ug/kg | |
| 53-70-3 | Dibenzo(a,h)anthracene | ND | 36 | 12 | ug/kg | |
| 132-64-9 | Dibenzofuran | ND | 72 | 11 | ug/kg | |
| 84-74-2 | Di-n-butyl phthalate | ND | 72 | 8.0 | ug/kg | |
| 117-84-0 | Di-n-octyl phthalate | ND | 72 | 17 | ug/kg | |
| 84-66-2 | Diethyl phthalate | ND | 72 | 12 | ug/kg | |
| 131-11-3 | Dimethyl phthalate | ND | 72 | 13 | ug/kg | |
| 117-81-7 | bis(2-Ethylhexyl)phthalate | 42.0 | 72 | 32 | ug/kg | J |
| 206-44-0 | Fluoranthene | ND | 36 | 16 | ug/kg | |
| 86-73-7 | Fluorene | ND | 36 | 12 | ug/kg | |
| 118-74-1 | Hexachlorobenzene | ND | 72 | 12 | ug/kg | |
| 87-68-3 | Hexachlorobutadiene | ND | 36 | 10 | ug/kg | |
| 77-47-4 | Hexachlorocyclopentadiene | ND | 360 | 37 | ug/kg | |
| 67-72-1 | Hexachloroethane | ND | 180 | 10 | ug/kg | |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | ND | 36 | 12 | ug/kg | |
| 78-59-1 | Isophorone | ND | 72 | 9.7 | ug/kg | |
| 91-57-6 | 2-Methylnaphthalene | ND | 72 | 20 | ug/kg | |
| 88-74-4 | 2-Nitroaniline | ND | 180 | 16 | ug/kg | |
| 99-09-2 | 3-Nitroaniline | ND | 180 | 14 | ug/kg | |
| 100-01-6 | 4-Nitroaniline | ND | 180 | 14 | ug/kg | |
| 91-20-3 | Naphthalene | ND | 36 | 9.8 | ug/kg | |
| 98-95-3 | Nitrobenzene | ND | 72 | 10 | ug/kg | |
| 621-64-7 | N-Nitroso-di-n-propylamine | ND | 72 | 8.8 | ug/kg | |
| 86-30-6 | N-Nitrosodiphenylamine | ND | 180 | 21 | ug/kg | |
| 85-01-8 | Phenanthrene | ND | 36 | 16 | ug/kg | |
| 129-00-0 | Pyrene | ND | 36 | 14 | ug/kg | |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | ND | 180 | 11 | ug/kg | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|----------|----------------------|--------|--------|---------|
| 367-12-4 | 2-Fluorophenol | 84% | | 13-110% |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | |
|--|--------------------------------|
| Client Sample ID: SB-9 (0-2) | Date Sampled: 01/13/14 |
| Lab Sample ID: JB57522-1 | Date Received: 01/13/14 |
| Matrix: SO - Soil | Percent Solids: 90.4 |
| Method: SW846 8270D SW846 3550C | |
| Project: Flushing Commons, Union Street, Flushing, NY | |

ABN TCL List (SOM0 2.0)

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|-----------|----------------------|--------|--------|---------|
| 4165-62-2 | Phenol-d5 | 79% | | 15-110% |
| 118-79-6 | 2,4,6-Tribromophenol | 71% | | 20-123% |
| 4165-60-0 | Nitrobenzene-d5 | 82% | | 10-110% |
| 321-60-8 | 2-Fluorobiphenyl | 78% | | 17-110% |
| 1718-51-0 | Terphenyl-d14 | 85% | | 30-124% |

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

4.1
4

Report of Analysis

| | |
|---|--|
| Client Sample ID: SB-9 (0-2) Lab Sample ID: JB57522-1 Matrix: SO - Soil Method: SW846 8082A SW846 3546 Project: Flushing Commons, Union Street, Flushing, NY | Date Sampled: 01/13/14 Date Received: 01/13/14 Percent Solids: 90.4 |
|---|--|

| Run # | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|-----------|----|----------|----|-----------|------------|------------------|
| Run #1 | 2G90735.D | 1 | 01/15/14 | JP | 01/14/14 | OP71988 | G2G2883 |
| Run #2 | | | | | | | |

| Run # | Initial Weight | Final Volume |
|--------|----------------|--------------|
| Run #1 | 15.3 g | 1.0 ml |
| Run #2 | | |

PCB List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|--------------|--------|-----|------|-------|---|
| 12674-11-2 | Aroclor 1016 | ND | 3.6 | 0.94 | ug/kg | |
| 11104-28-2 | Aroclor 1221 | ND | 3.6 | 2.2 | ug/kg | |
| 11141-16-5 | Aroclor 1232 | ND | 3.6 | 1.8 | ug/kg | |
| 53469-21-9 | Aroclor 1242 | ND | 3.6 | 1.1 | ug/kg | |
| 12672-29-6 | Aroclor 1248 | ND | 3.6 | 1.1 | ug/kg | |
| 11097-69-1 | Aroclor 1254 | ND | 3.6 | 1.7 | ug/kg | |
| 11096-82-5 | Aroclor 1260 | ND | 3.6 | 1.2 | ug/kg | |
| 11100-14-4 | Aroclor 1268 | ND | 3.6 | 1.1 | ug/kg | |
| 37324-23-5 | Aroclor 1262 | ND | 3.6 | 1.1 | ug/kg | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|-----------|----------------------|--------|--------|---------|
| 877-09-8 | Tetrachloro-m-xylene | 93% | | 14-139% |
| 877-09-8 | Tetrachloro-m-xylene | 68% | | 14-139% |
| 2051-24-3 | Decachlorobiphenyl | 82% | | 10-155% |
| 2051-24-3 | Decachlorobiphenyl | 74% | | 10-155% |

ND = Not detected MDL - Method Detection Limit J = Indicates an estimated value
 RL = Reporting Limit B = Indicates analyte found in associated method blank
 E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

4.1
4

Report of Analysis

| | |
|---|-------------------------|
| Client Sample ID: SB-9 (0-2) | Date Sampled: 01/13/14 |
| Lab Sample ID: JB57522-1 | Date Received: 01/13/14 |
| Matrix: SO - Soil | Percent Solids: 90.4 |
| Project: Flushing Commons, Union Street, Flushing, NY | |

Metals Analysis

| Analyte | Result | RL | Units | DF | Prep | Analyzed By | Method | Prep Method |
|-----------|---------|-------|-------|----|----------|-------------|--------------------------|--------------------------|
| Aluminum | 10300 | 57 | mg/kg | 1 | 01/14/14 | 01/15/14 SM | SW846 6010C ² | SW846 3050B ⁴ |
| Antimony | < 2.3 | 2.3 | mg/kg | 1 | 01/14/14 | 01/15/14 SM | SW846 6010C ² | SW846 3050B ⁴ |
| Arsenic | < 2.3 | 2.3 | mg/kg | 1 | 01/14/14 | 01/15/14 SM | SW846 6010C ² | SW846 3050B ⁴ |
| Barium | 65.4 | 23 | mg/kg | 1 | 01/14/14 | 01/15/14 SM | SW846 6010C ² | SW846 3050B ⁴ |
| Beryllium | 1.4 | 0.23 | mg/kg | 1 | 01/14/14 | 01/15/14 SM | SW846 6010C ² | SW846 3050B ⁴ |
| Cadmium | < 0.57 | 0.57 | mg/kg | 1 | 01/14/14 | 01/15/14 SM | SW846 6010C ² | SW846 3050B ⁴ |
| Calcium | 1520 | 570 | mg/kg | 1 | 01/14/14 | 01/15/14 SM | SW846 6010C ² | SW846 3050B ⁴ |
| Chromium | 28.2 | 1.1 | mg/kg | 1 | 01/14/14 | 01/15/14 SM | SW846 6010C ² | SW846 3050B ⁴ |
| Cobalt | 7.8 | 5.7 | mg/kg | 1 | 01/14/14 | 01/15/14 SM | SW846 6010C ² | SW846 3050B ⁴ |
| Copper | 17.3 | 2.9 | mg/kg | 1 | 01/14/14 | 01/15/14 SM | SW846 6010C ² | SW846 3050B ⁴ |
| Iron | 20600 | 57 | mg/kg | 1 | 01/14/14 | 01/15/14 SM | SW846 6010C ² | SW846 3050B ⁴ |
| Lead | 6.1 | 2.3 | mg/kg | 1 | 01/14/14 | 01/15/14 SM | SW846 6010C ² | SW846 3050B ⁴ |
| Magnesium | 3160 | 570 | mg/kg | 1 | 01/14/14 | 01/15/14 SM | SW846 6010C ² | SW846 3050B ⁴ |
| Manganese | 327 | 1.7 | mg/kg | 1 | 01/14/14 | 01/15/14 SM | SW846 6010C ² | SW846 3050B ⁴ |
| Mercury | < 0.034 | 0.034 | mg/kg | 1 | 01/14/14 | 01/14/14 DP | SW846 7471B ¹ | SW846 7471B ³ |
| Nickel | 23.1 | 4.6 | mg/kg | 1 | 01/14/14 | 01/15/14 SM | SW846 6010C ² | SW846 3050B ⁴ |
| Potassium | 2490 | 1100 | mg/kg | 1 | 01/14/14 | 01/15/14 SM | SW846 6010C ² | SW846 3050B ⁴ |
| Selenium | < 2.3 | 2.3 | mg/kg | 1 | 01/14/14 | 01/15/14 SM | SW846 6010C ² | SW846 3050B ⁴ |
| Silver | 1.4 | 0.57 | mg/kg | 1 | 01/14/14 | 01/15/14 SM | SW846 6010C ² | SW846 3050B ⁴ |
| Sodium | < 1100 | 1100 | mg/kg | 1 | 01/14/14 | 01/15/14 SM | SW846 6010C ² | SW846 3050B ⁴ |
| Thallium | < 1.1 | 1.1 | mg/kg | 1 | 01/14/14 | 01/15/14 SM | SW846 6010C ² | SW846 3050B ⁴ |
| Vanadium | 37.9 | 5.7 | mg/kg | 1 | 01/14/14 | 01/15/14 SM | SW846 6010C ² | SW846 3050B ⁴ |
| Zinc | 35.1 | 2.3 | mg/kg | 1 | 01/14/14 | 01/15/14 SM | SW846 6010C ² | SW846 3050B ⁴ |

(1) Instrument QC Batch: MA33061

(2) Instrument QC Batch: MA33072

(3) Prep QC Batch: MP77159

(4) Prep QC Batch: MP77186

RL = Reporting Limit

Report of Analysis

| | |
|---|-------------------------|
| Client Sample ID: SB-9 (28-30) | Date Sampled: 01/13/14 |
| Lab Sample ID: JB57522-2 | Date Received: 01/13/14 |
| Matrix: SO - Soil | Percent Solids: 96.0 |
| Method: SW846 8260C SW846 5035 | |
| Project: Flushing Commons, Union Street, Flushing, NY | |

| Run #1 | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|-----------|----|----------|-----|----------------|------------|------------------|
| Run #2 | I191735.D | 1 | 01/15/14 | SJM | 01/14/14 09:00 | n/a | VI7746 |

| Run #1 | Initial Weight |
|--------|----------------|
| Run #2 | 4.7 g |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|-----------------------------|--------|-----|------|-------|---|
| 67-64-1 | Acetone | 5.9 | 11 | 5.1 | ug/kg | J |
| 71-43-2 | Benzene | ND | 1.1 | 0.14 | ug/kg | |
| 74-97-5 | Bromochloromethane | ND | 5.5 | 0.58 | ug/kg | |
| 75-27-4 | Bromodichloromethane | ND | 5.5 | 0.31 | ug/kg | |
| 75-25-2 | Bromoform | ND | 5.5 | 0.29 | ug/kg | |
| 74-83-9 | Bromomethane | ND | 5.5 | 0.53 | ug/kg | |
| 78-93-3 | 2-Butanone (MEK) | ND | 11 | 4.9 | ug/kg | |
| 75-15-0 | Carbon disulfide | ND | 5.5 | 0.16 | ug/kg | |
| 56-23-5 | Carbon tetrachloride | ND | 5.5 | 0.28 | ug/kg | |
| 108-90-7 | Chlorobenzene | ND | 5.5 | 0.22 | ug/kg | |
| 75-00-3 | Chloroethane | ND | 5.5 | 1.1 | ug/kg | |
| 67-66-3 | Chloroform | ND | 5.5 | 0.28 | ug/kg | |
| 74-87-3 | Chloromethane | ND | 5.5 | 0.38 | ug/kg | |
| 110-82-7 | Cyclohexane | ND | 5.5 | 0.28 | ug/kg | |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ND | 11 | 1.5 | ug/kg | |
| 124-48-1 | Dibromochloromethane | ND | 5.5 | 0.27 | ug/kg | |
| 106-93-4 | 1,2-Dibromoethane | ND | 1.1 | 0.61 | ug/kg | |
| 95-50-1 | 1,2-Dichlorobenzene | ND | 5.5 | 0.37 | ug/kg | |
| 541-73-1 | 1,3-Dichlorobenzene | ND | 5.5 | 0.24 | ug/kg | |
| 106-46-7 | 1,4-Dichlorobenzene | ND | 5.5 | 0.28 | ug/kg | |
| 75-71-8 | Dichlorodifluoromethane | ND | 5.5 | 0.39 | ug/kg | |
| 75-34-3 | 1,1-Dichloroethane | ND | 5.5 | 0.35 | ug/kg | |
| 107-06-2 | 1,2-Dichloroethane | ND | 1.1 | 0.36 | ug/kg | |
| 75-35-4 | 1,1-Dichloroethene | ND | 5.5 | 0.32 | ug/kg | |
| 156-59-2 | cis-1,2-Dichloroethene | ND | 5.5 | 0.23 | ug/kg | |
| 156-60-5 | trans-1,2-Dichloroethene | ND | 5.5 | 0.47 | ug/kg | |
| 78-87-5 | 1,2-Dichloropropane | ND | 5.5 | 0.48 | ug/kg | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 5.5 | 0.25 | ug/kg | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 5.5 | 0.30 | ug/kg | |
| 100-41-4 | Ethylbenzene | ND | 1.1 | 0.19 | ug/kg | |
| 76-13-1 | Freon 113 | ND | 5.5 | 0.48 | ug/kg | |
| 591-78-6 | 2-Hexanone | ND | 5.5 | 2.0 | ug/kg | |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | | | |
|-------------------|--|-----------------|----------|
| Client Sample ID: | SB-9 (28-30) | Date Sampled: | 01/13/14 |
| Lab Sample ID: | JB57522-2 | Date Received: | 01/13/14 |
| Matrix: | SO - Soil | Percent Solids: | 96.0 |
| Method: | SW846 8260C SW846 5035 | | |
| Project: | Flushing Commons, Union Street, Flushing, NY | | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|----------------------------|--------|-----|------|-------|---|
| 98-82-8 | Isopropylbenzene | ND | 5.5 | 0.16 | ug/kg | |
| 79-20-9 | Methyl Acetate | ND | 5.5 | 1.9 | ug/kg | |
| 108-87-2 | Methylcyclohexane | ND | 5.5 | 0.18 | ug/kg | |
| 1634-04-4 | Methyl Tert Butyl Ether | ND | 1.1 | 0.38 | ug/kg | |
| 108-10-1 | 4-Methyl-2-pentanone(MIBK) | ND | 5.5 | 1.5 | ug/kg | |
| 75-09-2 | Methylene chloride | ND | 5.5 | 1.9 | ug/kg | |
| 100-42-5 | Styrene | ND | 5.5 | 0.26 | ug/kg | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 5.5 | 0.38 | ug/kg | |
| 127-18-4 | Tetrachloroethene | ND | 5.5 | 0.45 | ug/kg | |
| 108-88-3 | Toluene | 0.49 | 1.1 | 0.16 | ug/kg | J |
| 87-61-6 | 1,2,3-Trichlorobenzene | ND | 5.5 | 0.23 | ug/kg | |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | 5.5 | 0.20 | ug/kg | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 5.5 | 0.32 | ug/kg | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 5.5 | 0.91 | ug/kg | |
| 79-01-6 | Trichloroethene | ND | 5.5 | 0.39 | ug/kg | |
| 75-69-4 | Trichlorofluoromethane | ND | 5.5 | 0.25 | ug/kg | |
| 75-01-4 | Vinyl chloride | ND | 5.5 | 0.38 | ug/kg | |
| | m,p-Xylene | ND | 1.1 | 0.54 | ug/kg | |
| 95-47-6 | o-Xylene | ND | 1.1 | 0.20 | ug/kg | |
| 1330-20-7 | Xylene (total) | ND | 1.1 | 0.20 | ug/kg | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|------------|-----------------------|--------|--------|---------|
| 1868-53-7 | Dibromofluoromethane | 96% | | 59-130% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 108% | | 65-123% |
| 2037-26-5 | Toluene-D8 | 92% | | 80-124% |
| 460-00-4 | 4-Bromofluorobenzene | 103% | | 71-132% |

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

| | |
|---|-------------------------|
| Client Sample ID: SB-9 (28-30) | Date Sampled: 01/13/14 |
| Lab Sample ID: JB57522-2 | Date Received: 01/13/14 |
| Matrix: SO - Soil | Percent Solids: 96.0 |
| Method: SW846 8270D SW846 3550C | |
| Project: Flushing Commons, Union Street, Flushing, NY | |

| Run #1 | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|-----------|----|----------|----|-----------|------------|------------------|
| Run #2 | M101006.D | 1 | 01/15/14 | KR | 01/14/14 | OP71995 | EM4114 |

| Run #1 | Initial Weight | Final Volume |
|--------|----------------|--------------|
| Run #2 | 30.8 g | 1.0 ml |

ABN TCL List (SOM0 2.0)

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|----------------------------|--------|-----|-----|-------|---|
| 95-57-8 | 2-Chlorophenol | ND | 68 | 34 | ug/kg | |
| 59-50-7 | 4-Chloro-3-methyl phenol | ND | 170 | 34 | ug/kg | |
| 120-83-2 | 2,4-Dichlorophenol | ND | 170 | 54 | ug/kg | |
| 105-67-9 | 2,4-Dimethylphenol | ND | 170 | 57 | ug/kg | |
| 51-28-5 | 2,4-Dinitrophenol | ND | 680 | 41 | ug/kg | |
| 534-52-1 | 4,6-Dinitro-o-cresol | ND | 680 | 41 | ug/kg | |
| 95-48-7 | 2-Methylphenol | ND | 68 | 39 | ug/kg | |
| | 3&4-Methylphenol | ND | 68 | 43 | ug/kg | |
| 88-75-5 | 2-Nitrophenol | ND | 170 | 36 | ug/kg | |
| 100-02-7 | 4-Nitrophenol | ND | 340 | 57 | ug/kg | |
| 87-86-5 | Pentachlorophenol | ND | 340 | 58 | ug/kg | |
| 108-95-2 | Phenol | ND | 68 | 36 | ug/kg | |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | ND | 170 | 35 | ug/kg | |
| 95-95-4 | 2,4,5-Trichlorophenol | ND | 170 | 39 | ug/kg | |
| 88-06-2 | 2,4,6-Trichlorophenol | ND | 170 | 32 | ug/kg | |
| 83-32-9 | Acenaphthene | ND | 34 | 9.8 | ug/kg | |
| 208-96-8 | Acenaphthylene | ND | 34 | 11 | ug/kg | |
| 98-86-2 | Acetophenone | ND | 170 | 6.0 | ug/kg | |
| 120-12-7 | Anthracene | ND | 34 | 12 | ug/kg | |
| 1912-24-9 | Atrazine | ND | 68 | 6.7 | ug/kg | |
| 56-55-3 | Benzo(a)anthracene | ND | 34 | 11 | ug/kg | |
| 50-32-8 | Benzo(a)pyrene | ND | 34 | 10 | ug/kg | |
| 205-99-2 | Benzo(b)fluoranthene | ND | 34 | 11 | ug/kg | |
| 191-24-2 | Benzo(g,h,i)perylene | ND | 34 | 13 | ug/kg | |
| 207-08-9 | Benzo(k)fluoranthene | ND | 34 | 13 | ug/kg | |
| 101-55-3 | 4-Bromophenyl phenyl ether | ND | 68 | 12 | ug/kg | |
| 85-68-7 | Butyl benzyl phthalate | ND | 68 | 20 | ug/kg | |
| 92-52-4 | 1,1'-Biphenyl | ND | 68 | 3.9 | ug/kg | |
| 100-52-7 | Benzaldehyde | ND | 170 | 7.8 | ug/kg | |
| 91-58-7 | 2-Chloronaphthalene | ND | 68 | 10 | ug/kg | |
| 106-47-8 | 4-Chloroaniline | ND | 170 | 11 | ug/kg | |
| 86-74-8 | Carbazole | ND | 68 | 16 | ug/kg | |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | | | |
|-------------------|--|-----------------|----------|
| Client Sample ID: | SB-9 (28-30) | Date Sampled: | 01/13/14 |
| Lab Sample ID: | JB57522-2 | Date Received: | 01/13/14 |
| Matrix: | SO - Soil | Percent Solids: | 96.0 |
| Method: | SW846 8270D SW846 3550C | | |
| Project: | Flushing Commons, Union Street, Flushing, NY | | |

ABN TCL List (SOM0 2.0)

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|-----------------------------|--------|-----|-----|-------|---|
| 105-60-2 | Caprolactam | ND | 68 | 11 | ug/kg | |
| 218-01-9 | Chrysene | ND | 34 | 11 | ug/kg | |
| 111-91-1 | bis(2-Chloroethoxy)methane | ND | 68 | 14 | ug/kg | |
| 111-44-4 | bis(2-Chloroethyl)ether | ND | 68 | 10 | ug/kg | |
| 108-60-1 | bis(2-Chloroisopropyl)ether | ND | 68 | 10 | ug/kg | |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | ND | 68 | 10 | ug/kg | |
| 121-14-2 | 2,4-Dinitrotoluene | ND | 34 | 15 | ug/kg | |
| 606-20-2 | 2,6-Dinitrotoluene | ND | 34 | 13 | ug/kg | |
| 91-94-1 | 3,3'-Dichlorobenzidine | ND | 68 | 8.6 | ug/kg | |
| 123-91-1 | 1,4-Dioxane | ND | 34 | 22 | ug/kg | |
| 53-70-3 | Dibenzo(a,h)anthracene | ND | 34 | 12 | ug/kg | |
| 132-64-9 | Dibenzofuran | ND | 68 | 10 | ug/kg | |
| 84-74-2 | Di-n-butyl phthalate | ND | 68 | 7.5 | ug/kg | |
| 117-84-0 | Di-n-octyl phthalate | ND | 68 | 16 | ug/kg | |
| 84-66-2 | Diethyl phthalate | ND | 68 | 12 | ug/kg | |
| 131-11-3 | Dimethyl phthalate | ND | 68 | 12 | ug/kg | |
| 117-81-7 | bis(2-Ethylhexyl)phthalate | 44.1 | 68 | 30 | ug/kg | J |
| 206-44-0 | Fluoranthene | 15.3 | 34 | 15 | ug/kg | J |
| 86-73-7 | Fluorene | ND | 34 | 11 | ug/kg | |
| 118-74-1 | Hexachlorobenzene | ND | 68 | 11 | ug/kg | |
| 87-68-3 | Hexachlorobutadiene | ND | 34 | 9.4 | ug/kg | |
| 77-47-4 | Hexachlorocyclopentadiene | ND | 340 | 34 | ug/kg | |
| 67-72-1 | Hexachloroethane | ND | 170 | 9.4 | ug/kg | |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | ND | 34 | 12 | ug/kg | |
| 78-59-1 | Isophorone | ND | 68 | 9.1 | ug/kg | |
| 91-57-6 | 2-Methylnaphthalene | ND | 68 | 19 | ug/kg | |
| 88-74-4 | 2-Nitroaniline | ND | 170 | 15 | ug/kg | |
| 99-09-2 | 3-Nitroaniline | ND | 170 | 14 | ug/kg | |
| 100-01-6 | 4-Nitroaniline | ND | 170 | 13 | ug/kg | |
| 91-20-3 | Naphthalene | ND | 34 | 9.2 | ug/kg | |
| 98-95-3 | Nitrobenzene | ND | 68 | 9.8 | ug/kg | |
| 621-64-7 | N-Nitroso-di-n-propylamine | ND | 68 | 8.3 | ug/kg | |
| 86-30-6 | N-Nitrosodiphenylamine | ND | 170 | 20 | ug/kg | |
| 85-01-8 | Phenanthrene | ND | 34 | 15 | ug/kg | |
| 129-00-0 | Pyrene | 13.9 | 34 | 13 | ug/kg | J |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | ND | 170 | 10 | ug/kg | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|----------|----------------------|--------|--------|---------|
| 367-12-4 | 2-Fluorophenol | 84% | | 13-110% |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | |
|--|--------------------------------|
| Client Sample ID: SB-9 (28-30) | Date Sampled: 01/13/14 |
| Lab Sample ID: JB57522-2 | Date Received: 01/13/14 |
| Matrix: SO - Soil | Percent Solids: 96.0 |
| Method: SW846 8270D SW846 3550C | |
| Project: Flushing Commons, Union Street, Flushing, NY | |

ABN TCL List (SOM0 2.0)

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|-----------|----------------------|--------|--------|---------|
| 4165-62-2 | Phenol-d5 | 82% | | 15-110% |
| 118-79-6 | 2,4,6-Tribromophenol | 78% | | 20-123% |
| 4165-60-0 | Nitrobenzene-d5 | 76% | | 10-110% |
| 321-60-8 | 2-Fluorobiphenyl | 77% | | 17-110% |
| 1718-51-0 | Terphenyl-d14 | 90% | | 30-124% |

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

4.2
4

Report of Analysis

| | |
|---|-------------------------|
| Client Sample ID: SB-9 (28-30) | Date Sampled: 01/13/14 |
| Lab Sample ID: JB57522-2 | Date Received: 01/13/14 |
| Matrix: SO - Soil | Percent Solids: 96.0 |
| Method: SW846 8081B SW846 3546 | |
| Project: Flushing Commons, Union Street, Flushing, NY | |

| Run # | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|-----------|----|----------|----|-----------|------------|------------------|
| Run #1 | 4G40144.D | 1 | 01/15/14 | DG | 01/14/14 | OP71989 | G4G1002 |
| Run #2 | | | | | | | |

| Run # | Initial Weight | Final Volume |
|--------|----------------|--------------|
| Run #1 | 15.2 g | 1.0 ml |
| Run #2 | | |

Pesticide TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|---------------------|--------|-------|-------|-------|---|
| 309-00-2 | Aldrin | ND | 0.069 | 0.032 | ug/kg | |
| 319-84-6 | alpha-BHC | ND | 0.069 | 0.020 | ug/kg | |
| 319-85-7 | beta-BHC | ND | 0.069 | 0.043 | ug/kg | |
| 319-86-8 | delta-BHC | ND | 0.069 | 0.034 | ug/kg | |
| 58-89-9 | gamma-BHC (Lindane) | ND | 0.069 | 0.034 | ug/kg | |
| 5103-71-9 | alpha-Chlordane | ND | 0.069 | 0.025 | ug/kg | |
| 5103-74-2 | gamma-Chlordane | ND | 0.069 | 0.047 | ug/kg | |
| 60-57-1 | Dieldrin | ND | 0.069 | 0.027 | ug/kg | |
| 72-54-8 | 4,4'-DDD | ND | 0.069 | 0.037 | ug/kg | |
| 72-55-9 | 4,4'-DDE | ND | 0.069 | 0.028 | ug/kg | |
| 50-29-3 | 4,4'-DDT | ND | 0.069 | 0.034 | ug/kg | |
| 72-20-8 | Endrin | ND | 0.069 | 0.022 | ug/kg | |
| 1031-07-8 | Endosulfan sulfate | ND | 0.069 | 0.029 | ug/kg | |
| 7421-93-4 | Endrin aldehyde | ND | 0.069 | 0.036 | ug/kg | |
| 959-98-8 | Endosulfan-I | ND | 0.069 | 0.026 | ug/kg | |
| 33213-65-9 | Endosulfan-II | ND | 0.069 | 0.041 | ug/kg | |
| 76-44-8 | Heptachlor | ND | 0.069 | 0.033 | ug/kg | |
| 1024-57-3 | Heptachlor epoxide | ND | 0.069 | 0.026 | ug/kg | |
| 72-43-5 | Methoxychlor | ND | 0.14 | 0.067 | ug/kg | |
| 53494-70-5 | Endrin ketone | ND | 0.069 | 0.028 | ug/kg | |
| 8001-35-2 | Toxaphene | ND | 1.7 | 0.86 | ug/kg | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|-----------|----------------------|--------|--------|---------|
| 877-09-8 | Tetrachloro-m-xylene | 82% | | 10-147% |
| 877-09-8 | Tetrachloro-m-xylene | 76% | | 10-147% |
| 2051-24-3 | Decachlorobiphenyl | 56% | | 10-154% |
| 2051-24-3 | Decachlorobiphenyl | 51% | | 10-154% |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | |
|---|--|
| Client Sample ID: SB-9 (28-30) Lab Sample ID: JB57522-2 Matrix: SO - Soil Method: SW846 8082A SW846 3546 Project: Flushing Commons, Union Street, Flushing, NY | Date Sampled: 01/13/14 Date Received: 01/13/14 Percent Solids: 96.0 |
|---|--|

| Run # | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|-----------|----|----------|----|-----------|------------|------------------|
| Run #1 | 2G90736.D | 1 | 01/15/14 | JP | 01/14/14 | OP71988 | G2G2883 |
| Run #2 | | | | | | | |

| Run # | Initial Weight | Final Volume |
|--------|----------------|--------------|
| Run #1 | 15.4 g | 1.0 ml |
| Run #2 | | |

PCB List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|--------------|--------|-----|------|-------|---|
| 12674-11-2 | Aroclor 1016 | ND | 3.4 | 0.88 | ug/kg | |
| 11104-28-2 | Aroclor 1221 | ND | 3.4 | 2.0 | ug/kg | |
| 11141-16-5 | Aroclor 1232 | ND | 3.4 | 1.7 | ug/kg | |
| 53469-21-9 | Aroclor 1242 | ND | 3.4 | 1.1 | ug/kg | |
| 12672-29-6 | Aroclor 1248 | ND | 3.4 | 1.0 | ug/kg | |
| 11097-69-1 | Aroclor 1254 | ND | 3.4 | 1.6 | ug/kg | |
| 11096-82-5 | Aroclor 1260 | ND | 3.4 | 1.1 | ug/kg | |
| 11100-14-4 | Aroclor 1268 | ND | 3.4 | 0.99 | ug/kg | |
| 37324-23-5 | Aroclor 1262 | ND | 3.4 | 1.1 | ug/kg | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|-----------|----------------------|--------|--------|---------|
| 877-09-8 | Tetrachloro-m-xylene | 91% | | 14-139% |
| 877-09-8 | Tetrachloro-m-xylene | 68% | | 14-139% |
| 2051-24-3 | Decachlorobiphenyl | 86% | | 10-155% |
| 2051-24-3 | Decachlorobiphenyl | 79% | | 10-155% |

ND = Not detected MDL - Method Detection Limit J = Indicates an estimated value
 RL = Reporting Limit B = Indicates analyte found in associated method blank
 E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

4.2
4

Report of Analysis

| | |
|---|-------------------------|
| Client Sample ID: SB-9 (28-30) | Date Sampled: 01/13/14 |
| Lab Sample ID: JB57522-2 | Date Received: 01/13/14 |
| Matrix: SO - Soil | Percent Solids: 96.0 |
| Project: Flushing Commons, Union Street, Flushing, NY | |

Metals Analysis

| Analyte | Result | RL | Units | DF | Prep | Analyzed By | Method | Prep Method |
|-----------|---------|-------|-------|----|----------|-------------|--------------------------|--------------------------|
| Aluminum | 5550 | 55 | mg/kg | 1 | 01/14/14 | 01/15/14 SM | SW846 6010C ² | SW846 3050B ⁴ |
| Antimony | < 2.2 | 2.2 | mg/kg | 1 | 01/14/14 | 01/15/14 SM | SW846 6010C ² | SW846 3050B ⁴ |
| Arsenic | < 2.2 | 2.2 | mg/kg | 1 | 01/14/14 | 01/15/14 SM | SW846 6010C ² | SW846 3050B ⁴ |
| Barium | 32.3 | 22 | mg/kg | 1 | 01/14/14 | 01/15/14 SM | SW846 6010C ² | SW846 3050B ⁴ |
| Beryllium | 0.91 | 0.22 | mg/kg | 1 | 01/14/14 | 01/15/14 SM | SW846 6010C ² | SW846 3050B ⁴ |
| Cadmium | < 0.55 | 0.55 | mg/kg | 1 | 01/14/14 | 01/15/14 SM | SW846 6010C ² | SW846 3050B ⁴ |
| Calcium | 600 | 550 | mg/kg | 1 | 01/14/14 | 01/15/14 SM | SW846 6010C ² | SW846 3050B ⁴ |
| Chromium | 16.4 | 1.1 | mg/kg | 1 | 01/14/14 | 01/15/14 SM | SW846 6010C ² | SW846 3050B ⁴ |
| Cobalt | < 5.5 | 5.5 | mg/kg | 1 | 01/14/14 | 01/15/14 SM | SW846 6010C ² | SW846 3050B ⁴ |
| Copper | 8.0 | 2.7 | mg/kg | 1 | 01/14/14 | 01/15/14 SM | SW846 6010C ² | SW846 3050B ⁴ |
| Iron | 11200 | 55 | mg/kg | 1 | 01/14/14 | 01/15/14 SM | SW846 6010C ² | SW846 3050B ⁴ |
| Lead | 3.0 | 2.2 | mg/kg | 1 | 01/14/14 | 01/15/14 SM | SW846 6010C ² | SW846 3050B ⁴ |
| Magnesium | 2270 | 550 | mg/kg | 1 | 01/14/14 | 01/15/14 SM | SW846 6010C ² | SW846 3050B ⁴ |
| Manganese | 160 | 1.6 | mg/kg | 1 | 01/14/14 | 01/15/14 SM | SW846 6010C ² | SW846 3050B ⁴ |
| Mercury | < 0.034 | 0.034 | mg/kg | 1 | 01/14/14 | 01/14/14 DP | SW846 7471B ¹ | SW846 7471B ³ |
| Nickel | 11.7 | 4.4 | mg/kg | 1 | 01/14/14 | 01/15/14 SM | SW846 6010C ² | SW846 3050B ⁴ |
| Potassium | 1930 | 1100 | mg/kg | 1 | 01/14/14 | 01/15/14 SM | SW846 6010C ² | SW846 3050B ⁴ |
| Selenium | < 2.2 | 2.2 | mg/kg | 1 | 01/14/14 | 01/15/14 SM | SW846 6010C ² | SW846 3050B ⁴ |
| Silver | 0.88 | 0.55 | mg/kg | 1 | 01/14/14 | 01/15/14 SM | SW846 6010C ² | SW846 3050B ⁴ |
| Sodium | < 1100 | 1100 | mg/kg | 1 | 01/14/14 | 01/15/14 SM | SW846 6010C ² | SW846 3050B ⁴ |
| Thallium | < 1.1 | 1.1 | mg/kg | 1 | 01/14/14 | 01/15/14 SM | SW846 6010C ² | SW846 3050B ⁴ |
| Vanadium | 19.8 | 5.5 | mg/kg | 1 | 01/14/14 | 01/15/14 SM | SW846 6010C ² | SW846 3050B ⁴ |
| Zinc | 22.6 | 2.2 | mg/kg | 1 | 01/14/14 | 01/15/14 SM | SW846 6010C ² | SW846 3050B ⁴ |

(1) Instrument QC Batch: MA33061

(2) Instrument QC Batch: MA33072

(3) Prep QC Batch: MP77159

(4) Prep QC Batch: MP77186

RL = Reporting Limit

Report of Analysis

| | |
|---|-------------------------|
| Client Sample ID: SB-5 (0-2) | Date Sampled: 01/13/14 |
| Lab Sample ID: JB57522-3 | Date Received: 01/13/14 |
| Matrix: SO - Soil | Percent Solids: 92.0 |
| Method: SW846 8260C SW846 5035 | |
| Project: Flushing Commons, Union Street, Flushing, NY | |

| Run # | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|-----------|----|----------|-----|----------------|------------|------------------|
| Run #1 | I191736.D | 1 | 01/15/14 | SJM | 01/14/14 09:00 | n/a | VI7746 |
| Run #2 | | | | | | | |

| Run # | Initial Weight |
|--------|----------------|
| Run #1 | 6.3 g |
| Run #2 | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|-----------------------------|--------|------|------|-------|---|
| 67-64-1 | Acetone | ND | 8.6 | 3.9 | ug/kg | |
| 71-43-2 | Benzene | ND | 0.86 | 0.11 | ug/kg | |
| 74-97-5 | Bromochloromethane | ND | 4.3 | 0.45 | ug/kg | |
| 75-27-4 | Bromodichloromethane | ND | 4.3 | 0.24 | ug/kg | |
| 75-25-2 | Bromoform | ND | 4.3 | 0.23 | ug/kg | |
| 74-83-9 | Bromomethane | ND | 4.3 | 0.41 | ug/kg | |
| 78-93-3 | 2-Butanone (MEK) | ND | 8.6 | 3.8 | ug/kg | |
| 75-15-0 | Carbon disulfide | ND | 4.3 | 0.12 | ug/kg | |
| 56-23-5 | Carbon tetrachloride | ND | 4.3 | 0.22 | ug/kg | |
| 108-90-7 | Chlorobenzene | ND | 4.3 | 0.17 | ug/kg | |
| 75-00-3 | Chloroethane | ND | 4.3 | 0.86 | ug/kg | |
| 67-66-3 | Chloroform | ND | 4.3 | 0.22 | ug/kg | |
| 74-87-3 | Chloromethane | ND | 4.3 | 0.30 | ug/kg | |
| 110-82-7 | Cyclohexane | ND | 4.3 | 0.22 | ug/kg | |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ND | 8.6 | 1.1 | ug/kg | |
| 124-48-1 | Dibromochloromethane | ND | 4.3 | 0.21 | ug/kg | |
| 106-93-4 | 1,2-Dibromoethane | ND | 0.86 | 0.47 | ug/kg | |
| 95-50-1 | 1,2-Dichlorobenzene | ND | 4.3 | 0.29 | ug/kg | |
| 541-73-1 | 1,3-Dichlorobenzene | ND | 4.3 | 0.19 | ug/kg | |
| 106-46-7 | 1,4-Dichlorobenzene | ND | 4.3 | 0.22 | ug/kg | |
| 75-71-8 | Dichlorodifluoromethane | ND | 4.3 | 0.30 | ug/kg | |
| 75-34-3 | 1,1-Dichloroethane | ND | 4.3 | 0.27 | ug/kg | |
| 107-06-2 | 1,2-Dichloroethane | ND | 0.86 | 0.28 | ug/kg | |
| 75-35-4 | 1,1-Dichloroethene | ND | 4.3 | 0.25 | ug/kg | |
| 156-59-2 | cis-1,2-Dichloroethene | ND | 4.3 | 0.18 | ug/kg | |
| 156-60-5 | trans-1,2-Dichloroethene | ND | 4.3 | 0.36 | ug/kg | |
| 78-87-5 | 1,2-Dichloropropane | ND | 4.3 | 0.38 | ug/kg | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 4.3 | 0.20 | ug/kg | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 4.3 | 0.23 | ug/kg | |
| 100-41-4 | Ethylbenzene | ND | 0.86 | 0.15 | ug/kg | |
| 76-13-1 | Freon 113 | ND | 4.3 | 0.38 | ug/kg | |
| 591-78-6 | 2-Hexanone | ND | 4.3 | 1.5 | ug/kg | |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | | | |
|-------------------|--|-----------------|----------|
| Client Sample ID: | SB-5 (0-2) | Date Sampled: | 01/13/14 |
| Lab Sample ID: | JB57522-3 | Date Received: | 01/13/14 |
| Matrix: | SO - Soil | Percent Solids: | 92.0 |
| Method: | SW846 8260C SW846 5035 | | |
| Project: | Flushing Commons, Union Street, Flushing, NY | | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|----------------------------|--------|------|------|-------|---|
| 98-82-8 | Isopropylbenzene | ND | 4.3 | 0.13 | ug/kg | |
| 79-20-9 | Methyl Acetate | ND | 4.3 | 1.4 | ug/kg | |
| 108-87-2 | Methylcyclohexane | ND | 4.3 | 0.14 | ug/kg | |
| 1634-04-4 | Methyl Tert Butyl Ether | ND | 0.86 | 0.30 | ug/kg | |
| 108-10-1 | 4-Methyl-2-pentanone(MIBK) | ND | 4.3 | 1.1 | ug/kg | |
| 75-09-2 | Methylene chloride | ND | 4.3 | 1.5 | ug/kg | |
| 100-42-5 | Styrene | ND | 4.3 | 0.20 | ug/kg | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 4.3 | 0.30 | ug/kg | |
| 127-18-4 | Tetrachloroethene | ND | 4.3 | 0.35 | ug/kg | |
| 108-88-3 | Toluene | ND | 0.86 | 0.12 | ug/kg | |
| 87-61-6 | 1,2,3-Trichlorobenzene | ND | 4.3 | 0.18 | ug/kg | |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | 4.3 | 0.16 | ug/kg | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 4.3 | 0.25 | ug/kg | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 4.3 | 0.71 | ug/kg | |
| 79-01-6 | Trichloroethene | ND | 4.3 | 0.30 | ug/kg | |
| 75-69-4 | Trichlorofluoromethane | ND | 4.3 | 0.19 | ug/kg | |
| 75-01-4 | Vinyl chloride | ND | 4.3 | 0.30 | ug/kg | |
| | m,p-Xylene | ND | 0.86 | 0.42 | ug/kg | |
| 95-47-6 | o-Xylene | ND | 0.86 | 0.15 | ug/kg | |
| 1330-20-7 | Xylene (total) | ND | 0.86 | 0.15 | ug/kg | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|------------|-----------------------|--------|--------|---------|
| 1868-53-7 | Dibromofluoromethane | 98% | | 59-130% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 108% | | 65-123% |
| 2037-26-5 | Toluene-D8 | 91% | | 80-124% |
| 460-00-4 | 4-Bromofluorobenzene | 106% | | 71-132% |

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

| | |
|---|-------------------------|
| Client Sample ID: SB-5 (0-2) | Date Sampled: 01/13/14 |
| Lab Sample ID: JB57522-3 | Date Received: 01/13/14 |
| Matrix: SO - Soil | Percent Solids: 92.0 |
| Method: SW846 8270D SW846 3550C | |
| Project: Flushing Commons, Union Street, Flushing, NY | |

| Run #1 | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|-----------|----|----------|----|-----------|------------|------------------|
| Run #2 | M101007.D | 1 | 01/15/14 | KR | 01/14/14 | OP71995 | EM4114 |

| Run #1 | Initial Weight | Final Volume |
|--------|----------------|--------------|
| Run #2 | 31.3 g | 1.0 ml |

ABN TCL List (SOM0 2.0)

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|----------------------------|--------|-----|-----|-------|---|
| 95-57-8 | 2-Chlorophenol | ND | 69 | 35 | ug/kg | |
| 59-50-7 | 4-Chloro-3-methyl phenol | ND | 170 | 35 | ug/kg | |
| 120-83-2 | 2,4-Dichlorophenol | ND | 170 | 56 | ug/kg | |
| 105-67-9 | 2,4-Dimethylphenol | ND | 170 | 58 | ug/kg | |
| 51-28-5 | 2,4-Dinitrophenol | ND | 690 | 42 | ug/kg | |
| 534-52-1 | 4,6-Dinitro-o-cresol | ND | 690 | 42 | ug/kg | |
| 95-48-7 | 2-Methylphenol | ND | 69 | 40 | ug/kg | |
| | 3&4-Methylphenol | ND | 69 | 44 | ug/kg | |
| 88-75-5 | 2-Nitrophenol | ND | 170 | 37 | ug/kg | |
| 100-02-7 | 4-Nitrophenol | ND | 350 | 59 | ug/kg | |
| 87-86-5 | Pentachlorophenol | ND | 350 | 59 | ug/kg | |
| 108-95-2 | Phenol | ND | 69 | 36 | ug/kg | |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | ND | 170 | 36 | ug/kg | |
| 95-95-4 | 2,4,5-Trichlorophenol | ND | 170 | 40 | ug/kg | |
| 88-06-2 | 2,4,6-Trichlorophenol | ND | 170 | 33 | ug/kg | |
| 83-32-9 | Acenaphthene | ND | 35 | 10 | ug/kg | |
| 208-96-8 | Acenaphthylene | ND | 35 | 11 | ug/kg | |
| 98-86-2 | Acetophenone | ND | 170 | 6.1 | ug/kg | |
| 120-12-7 | Anthracene | ND | 35 | 12 | ug/kg | |
| 1912-24-9 | Atrazine | ND | 69 | 6.8 | ug/kg | |
| 56-55-3 | Benzo(a)anthracene | ND | 35 | 11 | ug/kg | |
| 50-32-8 | Benzo(a)pyrene | ND | 35 | 11 | ug/kg | |
| 205-99-2 | Benzo(b)fluoranthene | ND | 35 | 12 | ug/kg | |
| 191-24-2 | Benzo(g,h,i)perylene | ND | 35 | 13 | ug/kg | |
| 207-08-9 | Benzo(k)fluoranthene | ND | 35 | 13 | ug/kg | |
| 101-55-3 | 4-Bromophenyl phenyl ether | ND | 69 | 13 | ug/kg | |
| 85-68-7 | Butyl benzyl phthalate | ND | 69 | 20 | ug/kg | |
| 92-52-4 | 1,1'-Biphenyl | ND | 69 | 4.0 | ug/kg | |
| 100-52-7 | Benzaldehyde | ND | 170 | 8.0 | ug/kg | |
| 91-58-7 | 2-Chloronaphthalene | ND | 69 | 11 | ug/kg | |
| 106-47-8 | 4-Chloroaniline | ND | 170 | 11 | ug/kg | |
| 86-74-8 | Carbazole | ND | 69 | 16 | ug/kg | |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | | | |
|-------------------|--|-----------------|----------|
| Client Sample ID: | SB-5 (0-2) | Date Sampled: | 01/13/14 |
| Lab Sample ID: | JB57522-3 | Date Received: | 01/13/14 |
| Matrix: | SO - Soil | Percent Solids: | 92.0 |
| Method: | SW846 8270D SW846 3550C | | |
| Project: | Flushing Commons, Union Street, Flushing, NY | | |

ABN TCL List (SOM0 2.0)

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|-----------------------------|--------|-----|-----|-------|---|
| 105-60-2 | Caprolactam | ND | 69 | 11 | ug/kg | |
| 218-01-9 | Chrysene | ND | 35 | 12 | ug/kg | |
| 111-91-1 | bis(2-Chloroethoxy)methane | ND | 69 | 14 | ug/kg | |
| 111-44-4 | bis(2-Chloroethyl)ether | ND | 69 | 10 | ug/kg | |
| 108-60-1 | bis(2-Chloroisopropyl)ether | ND | 69 | 10 | ug/kg | |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | ND | 69 | 10 | ug/kg | |
| 121-14-2 | 2,4-Dinitrotoluene | ND | 35 | 15 | ug/kg | |
| 606-20-2 | 2,6-Dinitrotoluene | ND | 35 | 13 | ug/kg | |
| 91-94-1 | 3,3'-Dichlorobenzidine | ND | 69 | 8.8 | ug/kg | |
| 123-91-1 | 1,4-Dioxane | ND | 35 | 23 | ug/kg | |
| 53-70-3 | Dibenzo(a,h)anthracene | ND | 35 | 12 | ug/kg | |
| 132-64-9 | Dibenzofuran | ND | 69 | 10 | ug/kg | |
| 84-74-2 | Di-n-butyl phthalate | ND | 69 | 7.7 | ug/kg | |
| 117-84-0 | Di-n-octyl phthalate | ND | 69 | 17 | ug/kg | |
| 84-66-2 | Diethyl phthalate | ND | 69 | 12 | ug/kg | |
| 131-11-3 | Dimethyl phthalate | ND | 69 | 12 | ug/kg | |
| 117-81-7 | bis(2-Ethylhexyl)phthalate | 48.8 | 69 | 31 | ug/kg | J |
| 206-44-0 | Fluoranthene | ND | 35 | 15 | ug/kg | |
| 86-73-7 | Fluorene | ND | 35 | 11 | ug/kg | |
| 118-74-1 | Hexachlorobenzene | ND | 69 | 11 | ug/kg | |
| 87-68-3 | Hexachlorobutadiene | ND | 35 | 9.7 | ug/kg | |
| 77-47-4 | Hexachlorocyclopentadiene | ND | 350 | 35 | ug/kg | |
| 67-72-1 | Hexachloroethane | ND | 170 | 9.7 | ug/kg | |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | ND | 35 | 12 | ug/kg | |
| 78-59-1 | Isophorone | ND | 69 | 9.3 | ug/kg | |
| 91-57-6 | 2-Methylnaphthalene | ND | 69 | 19 | ug/kg | |
| 88-74-4 | 2-Nitroaniline | ND | 170 | 15 | ug/kg | |
| 99-09-2 | 3-Nitroaniline | ND | 170 | 14 | ug/kg | |
| 100-01-6 | 4-Nitroaniline | ND | 170 | 14 | ug/kg | |
| 91-20-3 | Naphthalene | ND | 35 | 9.5 | ug/kg | |
| 98-95-3 | Nitrobenzene | ND | 69 | 10 | ug/kg | |
| 621-64-7 | N-Nitroso-di-n-propylamine | ND | 69 | 8.5 | ug/kg | |
| 86-30-6 | N-Nitrosodiphenylamine | ND | 170 | 21 | ug/kg | |
| 85-01-8 | Phenanthrene | ND | 35 | 16 | ug/kg | |
| 129-00-0 | Pyrene | ND | 35 | 13 | ug/kg | |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | ND | 170 | 11 | ug/kg | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|----------|----------------------|--------|--------|---------|
| 367-12-4 | 2-Fluorophenol | 90% | | 13-110% |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | |
|--|--|
| Client Sample ID: SB-5 (0-2) Lab Sample ID: JB57522-3 Matrix: SO - Soil Method: SW846 8270D SW846 3550C Project: Flushing Commons, Union Street, Flushing, NY | Date Sampled: 01/13/14 Date Received: 01/13/14 Percent Solids: 92.0 |
|--|--|

ABN TCL List (SOM0 2.0)

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|-----------|----------------------|--------|--------|---------|
| 4165-62-2 | Phenol-d5 | 89% | | 15-110% |
| 118-79-6 | 2,4,6-Tribromophenol | 76% | | 20-123% |
| 4165-60-0 | Nitrobenzene-d5 | 91% | | 10-110% |
| 321-60-8 | 2-Fluorobiphenyl | 90% | | 17-110% |
| 1718-51-0 | Terphenyl-d14 | 99% | | 30-124% |

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

4.3
4

Report of Analysis

| | | | |
|-------------------|--|-----------------|----------|
| Client Sample ID: | SB-5 (0-2) | Date Sampled: | 01/13/14 |
| Lab Sample ID: | JB57522-3 | Date Received: | 01/13/14 |
| Matrix: | SO - Soil | Percent Solids: | 92.0 |
| Method: | SW846 8081B SW846 3546 | | |
| Project: | Flushing Commons, Union Street, Flushing, NY | | |

| Run # | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|-----------|----|----------|----|-----------|------------|------------------|
| Run #1 | 4G40145.D | 1 | 01/15/14 | DG | 01/14/14 | OP71989 | G4G1002 |
| Run #2 | | | | | | | |

| Run # | Initial Weight | Final Volume |
|--------|----------------|--------------|
| Run #1 | 15.3 g | 1.0 ml |
| Run #2 | | |

Pesticide TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|-----------------------|--------|-------|-------|-------|---|
| 309-00-2 | Aldrin | ND | 0.071 | 0.033 | ug/kg | |
| 319-84-6 | alpha-BHC | ND | 0.071 | 0.021 | ug/kg | |
| 319-85-7 | beta-BHC | ND | 0.071 | 0.044 | ug/kg | |
| 319-86-8 | delta-BHC | ND | 0.071 | 0.035 | ug/kg | |
| 58-89-9 | gamma-BHC (Lindane) | ND | 0.071 | 0.035 | ug/kg | |
| 5103-71-9 | alpha-Chlordane | ND | 0.071 | 0.026 | ug/kg | |
| 5103-74-2 | gamma-Chlordane | ND | 0.071 | 0.049 | ug/kg | |
| 60-57-1 | Dieldrin | ND | 0.071 | 0.028 | ug/kg | |
| 72-54-8 | 4,4'-DDD | 0.077 | 0.071 | 0.039 | ug/kg | |
| 72-55-9 | 4,4'-DDE | 0.41 | 0.071 | 0.029 | ug/kg | |
| 50-29-3 | 4,4'-DDT ^a | 0.67 | 0.071 | 0.035 | ug/kg | |
| 72-20-8 | Endrin | ND | 0.071 | 0.023 | ug/kg | |
| 1031-07-8 | Endosulfan sulfate | ND | 0.071 | 0.031 | ug/kg | |
| 7421-93-4 | Endrin aldehyde | ND | 0.071 | 0.037 | ug/kg | |
| 959-98-8 | Endosulfan-I | ND | 0.071 | 0.027 | ug/kg | |
| 33213-65-9 | Endosulfan-II | ND | 0.071 | 0.043 | ug/kg | |
| 76-44-8 | Heptachlor | ND | 0.071 | 0.035 | ug/kg | |
| 1024-57-3 | Heptachlor epoxide | ND | 0.071 | 0.027 | ug/kg | |
| 72-43-5 | Methoxychlor | ND | 0.14 | 0.070 | ug/kg | |
| 53494-70-5 | Endrin ketone | ND | 0.071 | 0.029 | ug/kg | |
| 8001-35-2 | Toxaphene | ND | 1.8 | 0.90 | ug/kg | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|-----------|----------------------|--------|--------|---------|
| 877-09-8 | Tetrachloro-m-xylene | 99% | | 10-147% |
| 877-09-8 | Tetrachloro-m-xylene | 93% | | 10-147% |
| 2051-24-3 | Decachlorobiphenyl | 75% | | 10-154% |
| 2051-24-3 | Decachlorobiphenyl | 68% | | 10-154% |

(a) Reported from 1st signal. %D of check on 2nd signal excess method criteria (20 %) so using for confirmation only.

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | |
|---|--|
| Client Sample ID: SB-5 (0-2) Lab Sample ID: JB57522-3 Matrix: SO - Soil Method: SW846 8082A SW846 3546 Project: Flushing Commons, Union Street, Flushing, NY | Date Sampled: 01/13/14 Date Received: 01/13/14 Percent Solids: 92.0 |
|---|--|

| Run # | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|-----------|----|----------|----|-----------|------------|------------------|
| Run #1 | 2G90737.D | 1 | 01/15/14 | JP | 01/14/14 | OP71988 | G2G2883 |
| Run #2 | | | | | | | |

| Run # | Initial Weight | Final Volume |
|--------|----------------|--------------|
| Run #1 | 15.0 g | 1.0 ml |
| Run #2 | | |

PCB List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|--------------|--------|-----|------|-------|---|
| 12674-11-2 | Aroclor 1016 | ND | 3.6 | 0.94 | ug/kg | |
| 11104-28-2 | Aroclor 1221 | ND | 3.6 | 2.2 | ug/kg | |
| 11141-16-5 | Aroclor 1232 | ND | 3.6 | 1.8 | ug/kg | |
| 53469-21-9 | Aroclor 1242 | ND | 3.6 | 1.2 | ug/kg | |
| 12672-29-6 | Aroclor 1248 | ND | 3.6 | 1.1 | ug/kg | |
| 11097-69-1 | Aroclor 1254 | ND | 3.6 | 1.7 | ug/kg | |
| 11096-82-5 | Aroclor 1260 | ND | 3.6 | 1.2 | ug/kg | |
| 11100-14-4 | Aroclor 1268 | ND | 3.6 | 1.1 | ug/kg | |
| 37324-23-5 | Aroclor 1262 | ND | 3.6 | 1.2 | ug/kg | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|-----------|----------------------|--------|--------|---------|
| 877-09-8 | Tetrachloro-m-xylene | 77% | | 14-139% |
| 877-09-8 | Tetrachloro-m-xylene | 60% | | 14-139% |
| 2051-24-3 | Decachlorobiphenyl | 71% | | 10-155% |
| 2051-24-3 | Decachlorobiphenyl | 66% | | 10-155% |

ND = Not detected MDL - Method Detection Limit J = Indicates an estimated value
 RL = Reporting Limit B = Indicates analyte found in associated method blank
 E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

4.3
4

Report of Analysis

| | |
|---|-------------------------|
| Client Sample ID: SB-5 (0-2) | Date Sampled: 01/13/14 |
| Lab Sample ID: JB57522-3 | Date Received: 01/13/14 |
| Matrix: SO - Soil | Percent Solids: 92.0 |
| Project: Flushing Commons, Union Street, Flushing, NY | |

Metals Analysis

| Analyte | Result | RL | Units | DF | Prep | Analyzed By | Method | Prep Method |
|-----------|---------|-------|-------|----|----------|-------------|-----------------------------|--------------------------|
| Aluminum | 7370 | 54 | mg/kg | 1 | 01/14/14 | 01/16/14 | SM SW846 6010C ² | SW846 3050B ⁵ |
| Antimony | < 2.2 | 2.2 | mg/kg | 1 | 01/14/14 | 01/16/14 | SM SW846 6010C ² | SW846 3050B ⁵ |
| Arsenic | < 2.2 | 2.2 | mg/kg | 1 | 01/14/14 | 01/16/14 | SM SW846 6010C ² | SW846 3050B ⁵ |
| Barium | 53.0 | 22 | mg/kg | 1 | 01/14/14 | 01/16/14 | SM SW846 6010C ² | SW846 3050B ⁵ |
| Beryllium | 1.0 | 0.22 | mg/kg | 1 | 01/14/14 | 01/16/14 | SM SW846 6010C ² | SW846 3050B ⁵ |
| Cadmium | < 0.54 | 0.54 | mg/kg | 1 | 01/14/14 | 01/16/14 | SM SW846 6010C ² | SW846 3050B ⁵ |
| Calcium | 1370 | 540 | mg/kg | 1 | 01/14/14 | 01/16/14 | SM SW846 6010C ² | SW846 3050B ⁵ |
| Chromium | 19.9 | 1.1 | mg/kg | 1 | 01/14/14 | 01/17/14 | SM SW846 6010C ³ | SW846 3050B ⁵ |
| Cobalt | 6.9 | 5.4 | mg/kg | 1 | 01/14/14 | 01/16/14 | SM SW846 6010C ² | SW846 3050B ⁵ |
| Copper | 12.4 | 2.7 | mg/kg | 1 | 01/14/14 | 01/16/14 | SM SW846 6010C ² | SW846 3050B ⁵ |
| Iron | 16300 | 54 | mg/kg | 1 | 01/14/14 | 01/16/14 | SM SW846 6010C ² | SW846 3050B ⁵ |
| Lead | 9.5 | 2.2 | mg/kg | 1 | 01/14/14 | 01/16/14 | SM SW846 6010C ² | SW846 3050B ⁵ |
| Magnesium | 1970 | 540 | mg/kg | 1 | 01/14/14 | 01/16/14 | SM SW846 6010C ² | SW846 3050B ⁵ |
| Manganese | 413 | 1.6 | mg/kg | 1 | 01/14/14 | 01/17/14 | SM SW846 6010C ³ | SW846 3050B ⁵ |
| Mercury | < 0.035 | 0.035 | mg/kg | 1 | 01/14/14 | 01/14/14 | DP SW846 7471B ¹ | SW846 7471B ⁴ |
| Nickel | 22.2 | 4.3 | mg/kg | 1 | 01/14/14 | 01/16/14 | SM SW846 6010C ² | SW846 3050B ⁵ |
| Potassium | 1440 | 1100 | mg/kg | 1 | 01/14/14 | 01/16/14 | SM SW846 6010C ² | SW846 3050B ⁵ |
| Selenium | < 2.2 | 2.2 | mg/kg | 1 | 01/14/14 | 01/16/14 | SM SW846 6010C ² | SW846 3050B ⁵ |
| Silver | 0.76 | 0.54 | mg/kg | 1 | 01/14/14 | 01/16/14 | SM SW846 6010C ² | SW846 3050B ⁵ |
| Sodium | < 1100 | 1100 | mg/kg | 1 | 01/14/14 | 01/16/14 | SM SW846 6010C ² | SW846 3050B ⁵ |
| Thallium | < 1.1 | 1.1 | mg/kg | 1 | 01/14/14 | 01/16/14 | SM SW846 6010C ² | SW846 3050B ⁵ |
| Vanadium | 30.5 | 5.4 | mg/kg | 1 | 01/14/14 | 01/16/14 | SM SW846 6010C ² | SW846 3050B ⁵ |
| Zinc | 27.2 | 2.2 | mg/kg | 1 | 01/14/14 | 01/17/14 | SM SW846 6010C ³ | SW846 3050B ⁵ |

(1) Instrument QC Batch: MA33061

(2) Instrument QC Batch: MA33072

(3) Instrument QC Batch: MA33089

(4) Prep QC Batch: MP77159

(5) Prep QC Batch: MP77186

RL = Reporting Limit

Report of Analysis

| | |
|---|-------------------------|
| Client Sample ID: SB-5 (36-38) | Date Sampled: 01/13/14 |
| Lab Sample ID: JB57522-4 | Date Received: 01/13/14 |
| Matrix: SO - Soil | Percent Solids: 94.8 |
| Method: SW846 8260C SW846 5035 | |
| Project: Flushing Commons, Union Street, Flushing, NY | |

| Run #1 | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|-----------|----|----------|-----|----------------|------------|------------------|
| Run #2 | I191737.D | 1 | 01/15/14 | SJM | 01/14/14 09:00 | n/a | VI7746 |

| Run #1 | Initial Weight |
|--------|----------------|
| Run #2 | 4.7 g |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|-----------------------------|--------|-----|------|-------|---|
| 67-64-1 | Acetone | ND | 11 | 5.1 | ug/kg | |
| 71-43-2 | Benzene | ND | 1.1 | 0.14 | ug/kg | |
| 74-97-5 | Bromochloromethane | ND | 5.6 | 0.58 | ug/kg | |
| 75-27-4 | Bromodichloromethane | ND | 5.6 | 0.32 | ug/kg | |
| 75-25-2 | Bromoform | ND | 5.6 | 0.29 | ug/kg | |
| 74-83-9 | Bromomethane | ND | 5.6 | 0.54 | ug/kg | |
| 78-93-3 | 2-Butanone (MEK) | ND | 11 | 4.9 | ug/kg | |
| 75-15-0 | Carbon disulfide | ND | 5.6 | 0.16 | ug/kg | |
| 56-23-5 | Carbon tetrachloride | ND | 5.6 | 0.28 | ug/kg | |
| 108-90-7 | Chlorobenzene | ND | 5.6 | 0.22 | ug/kg | |
| 75-00-3 | Chloroethane | ND | 5.6 | 1.1 | ug/kg | |
| 67-66-3 | Chloroform | ND | 5.6 | 0.29 | ug/kg | |
| 74-87-3 | Chloromethane | ND | 5.6 | 0.38 | ug/kg | |
| 110-82-7 | Cyclohexane | ND | 5.6 | 0.29 | ug/kg | |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ND | 11 | 1.5 | ug/kg | |
| 124-48-1 | Dibromochloromethane | ND | 5.6 | 0.27 | ug/kg | |
| 106-93-4 | 1,2-Dibromoethane | ND | 1.1 | 0.61 | ug/kg | |
| 95-50-1 | 1,2-Dichlorobenzene | ND | 5.6 | 0.38 | ug/kg | |
| 541-73-1 | 1,3-Dichlorobenzene | ND | 5.6 | 0.24 | ug/kg | |
| 106-46-7 | 1,4-Dichlorobenzene | ND | 5.6 | 0.28 | ug/kg | |
| 75-71-8 | Dichlorodifluoromethane | ND | 5.6 | 0.40 | ug/kg | |
| 75-34-3 | 1,1-Dichloroethane | ND | 5.6 | 0.35 | ug/kg | |
| 107-06-2 | 1,2-Dichloroethane | ND | 1.1 | 0.36 | ug/kg | |
| 75-35-4 | 1,1-Dichloroethene | ND | 5.6 | 0.32 | ug/kg | |
| 156-59-2 | cis-1,2-Dichloroethene | ND | 5.6 | 0.23 | ug/kg | |
| 156-60-5 | trans-1,2-Dichloroethene | ND | 5.6 | 0.47 | ug/kg | |
| 78-87-5 | 1,2-Dichloropropane | ND | 5.6 | 0.49 | ug/kg | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 5.6 | 0.25 | ug/kg | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 5.6 | 0.30 | ug/kg | |
| 100-41-4 | Ethylbenzene | ND | 1.1 | 0.20 | ug/kg | |
| 76-13-1 | Freon 113 | ND | 5.6 | 0.49 | ug/kg | |
| 591-78-6 | 2-Hexanone | ND | 5.6 | 2.0 | ug/kg | |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | | | |
|-------------------|--|-----------------|----------|
| Client Sample ID: | SB-5 (36-38) | Date Sampled: | 01/13/14 |
| Lab Sample ID: | JB57522-4 | Date Received: | 01/13/14 |
| Matrix: | SO - Soil | Percent Solids: | 94.8 |
| Method: | SW846 8260C SW846 5035 | | |
| Project: | Flushing Commons, Union Street, Flushing, NY | | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|----------------------------|--------|-----|------|-------|---|
| 98-82-8 | Isopropylbenzene | ND | 5.6 | 0.16 | ug/kg | |
| 79-20-9 | Methyl Acetate | ND | 5.6 | 1.9 | ug/kg | |
| 108-87-2 | Methylcyclohexane | ND | 5.6 | 0.18 | ug/kg | |
| 1634-04-4 | Methyl Tert Butyl Ether | ND | 1.1 | 0.38 | ug/kg | |
| 108-10-1 | 4-Methyl-2-pentanone(MIBK) | ND | 5.6 | 1.5 | ug/kg | |
| 75-09-2 | Methylene chloride | ND | 5.6 | 1.9 | ug/kg | |
| 100-42-5 | Styrene | ND | 5.6 | 0.26 | ug/kg | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 5.6 | 0.38 | ug/kg | |
| 127-18-4 | Tetrachloroethene | ND | 5.6 | 0.46 | ug/kg | |
| 108-88-3 | Toluene | ND | 1.1 | 0.16 | ug/kg | |
| 87-61-6 | 1,2,3-Trichlorobenzene | ND | 5.6 | 0.23 | ug/kg | |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | 5.6 | 0.20 | ug/kg | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 5.6 | 0.32 | ug/kg | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 5.6 | 0.92 | ug/kg | |
| 79-01-6 | Trichloroethene | ND | 5.6 | 0.39 | ug/kg | |
| 75-69-4 | Trichlorofluoromethane | ND | 5.6 | 0.25 | ug/kg | |
| 75-01-4 | Vinyl chloride | ND | 5.6 | 0.38 | ug/kg | |
| | m,p-Xylene | ND | 1.1 | 0.54 | ug/kg | |
| 95-47-6 | o-Xylene | ND | 1.1 | 0.20 | ug/kg | |
| 1330-20-7 | Xylene (total) | ND | 1.1 | 0.20 | ug/kg | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|------------|-----------------------|--------|--------|---------|
| 1868-53-7 | Dibromofluoromethane | 95% | | 59-130% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 104% | | 65-123% |
| 2037-26-5 | Toluene-D8 | 92% | | 80-124% |
| 460-00-4 | 4-Bromofluorobenzene | 103% | | 71-132% |

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

| | |
|---|-------------------------|
| Client Sample ID: SB-5 (36-38) | Date Sampled: 01/13/14 |
| Lab Sample ID: JB57522-4 | Date Received: 01/13/14 |
| Matrix: SO - Soil | Percent Solids: 94.8 |
| Method: SW846 8270D SW846 3550C | |
| Project: Flushing Commons, Union Street, Flushing, NY | |

| Run # | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|-----------|----|----------|----|-----------|------------|------------------|
| Run #1 | M101008.D | 1 | 01/15/14 | KR | 01/14/14 | OP71995 | EM4114 |
| Run #2 | | | | | | | |

| Run # | Initial Weight | Final Volume |
|--------|----------------|--------------|
| Run #1 | 34.9 g | 1.0 ml |
| Run #2 | | |

ABN TCL List (SOM0 2.0)

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|----------------------------|--------|-----|-----|-------|---|
| 95-57-8 | 2-Chlorophenol | ND | 60 | 30 | ug/kg | |
| 59-50-7 | 4-Chloro-3-methyl phenol | ND | 150 | 30 | ug/kg | |
| 120-83-2 | 2,4-Dichlorophenol | ND | 150 | 49 | ug/kg | |
| 105-67-9 | 2,4-Dimethylphenol | ND | 150 | 51 | ug/kg | |
| 51-28-5 | 2,4-Dinitrophenol | ND | 600 | 37 | ug/kg | |
| 534-52-1 | 4,6-Dinitro-o-cresol | ND | 600 | 37 | ug/kg | |
| 95-48-7 | 2-Methylphenol | ND | 60 | 34 | ug/kg | |
| | 3&4-Methylphenol | ND | 60 | 38 | ug/kg | |
| 88-75-5 | 2-Nitrophenol | ND | 150 | 32 | ug/kg | |
| 100-02-7 | 4-Nitrophenol | ND | 300 | 51 | ug/kg | |
| 87-86-5 | Pentachlorophenol | ND | 300 | 52 | ug/kg | |
| 108-95-2 | Phenol | ND | 60 | 32 | ug/kg | |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | ND | 150 | 31 | ug/kg | |
| 95-95-4 | 2,4,5-Trichlorophenol | ND | 150 | 35 | ug/kg | |
| 88-06-2 | 2,4,6-Trichlorophenol | ND | 150 | 28 | ug/kg | |
| 83-32-9 | Acenaphthene | ND | 30 | 8.8 | ug/kg | |
| 208-96-8 | Acenaphthylene | ND | 30 | 9.7 | ug/kg | |
| 98-86-2 | Acetophenone | ND | 150 | 5.3 | ug/kg | |
| 120-12-7 | Anthracene | ND | 30 | 11 | ug/kg | |
| 1912-24-9 | Atrazine | ND | 60 | 6.0 | ug/kg | |
| 56-55-3 | Benzo(a)anthracene | ND | 30 | 9.9 | ug/kg | |
| 50-32-8 | Benzo(a)pyrene | ND | 30 | 9.2 | ug/kg | |
| 205-99-2 | Benzo(b)fluoranthene | ND | 30 | 10 | ug/kg | |
| 191-24-2 | Benzo(g,h,i)perylene | ND | 30 | 11 | ug/kg | |
| 207-08-9 | Benzo(k)fluoranthene | ND | 30 | 11 | ug/kg | |
| 101-55-3 | 4-Bromophenyl phenyl ether | ND | 60 | 11 | ug/kg | |
| 85-68-7 | Butyl benzyl phthalate | ND | 60 | 18 | ug/kg | |
| 92-52-4 | 1,1'-Biphenyl | ND | 60 | 3.5 | ug/kg | |
| 100-52-7 | Benzaldehyde | ND | 150 | 7.0 | ug/kg | |
| 91-58-7 | 2-Chloronaphthalene | ND | 60 | 9.4 | ug/kg | |
| 106-47-8 | 4-Chloroaniline | ND | 150 | 9.7 | ug/kg | |
| 86-74-8 | Carbazole | ND | 60 | 14 | ug/kg | |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | | | |
|-------------------|--|-----------------|----------|
| Client Sample ID: | SB-5 (36-38) | Date Sampled: | 01/13/14 |
| Lab Sample ID: | JB57522-4 | Date Received: | 01/13/14 |
| Matrix: | SO - Soil | Percent Solids: | 94.8 |
| Method: | SW846 8270D SW846 3550C | | |
| Project: | Flushing Commons, Union Street, Flushing, NY | | |

ABN TCL List (SOM0 2.0)

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|-----------------------------|--------|-----|-----|-------|---|
| 105-60-2 | Caprolactam | ND | 60 | 9.5 | ug/kg | |
| 218-01-9 | Chrysene | ND | 30 | 10 | ug/kg | |
| 111-91-1 | bis(2-Chloroethoxy)methane | ND | 60 | 12 | ug/kg | |
| 111-44-4 | bis(2-Chloroethyl)ether | ND | 60 | 9.1 | ug/kg | |
| 108-60-1 | bis(2-Chloroisopropyl)ether | ND | 60 | 9.0 | ug/kg | |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | ND | 60 | 9.1 | ug/kg | |
| 121-14-2 | 2,4-Dinitrotoluene | ND | 30 | 13 | ug/kg | |
| 606-20-2 | 2,6-Dinitrotoluene | ND | 30 | 12 | ug/kg | |
| 91-94-1 | 3,3'-Dichlorobenzidine | ND | 60 | 7.7 | ug/kg | |
| 123-91-1 | 1,4-Dioxane | ND | 30 | 20 | ug/kg | |
| 53-70-3 | Dibenzo(a,h)anthracene | ND | 30 | 10 | ug/kg | |
| 132-64-9 | Dibenzofuran | ND | 60 | 9.0 | ug/kg | |
| 84-74-2 | Di-n-butyl phthalate | ND | 60 | 6.7 | ug/kg | |
| 117-84-0 | Di-n-octyl phthalate | ND | 60 | 15 | ug/kg | |
| 84-66-2 | Diethyl phthalate | ND | 60 | 10 | ug/kg | |
| 131-11-3 | Dimethyl phthalate | ND | 60 | 11 | ug/kg | |
| 117-81-7 | bis(2-Ethylhexyl)phthalate | 36.8 | 60 | 27 | ug/kg | J |
| 206-44-0 | Fluoranthene | ND | 30 | 13 | ug/kg | |
| 86-73-7 | Fluorene | ND | 30 | 9.9 | ug/kg | |
| 118-74-1 | Hexachlorobenzene | ND | 60 | 9.9 | ug/kg | |
| 87-68-3 | Hexachlorobutadiene | ND | 30 | 8.4 | ug/kg | |
| 77-47-4 | Hexachlorocyclopentadiene | ND | 300 | 31 | ug/kg | |
| 67-72-1 | Hexachloroethane | ND | 150 | 8.4 | ug/kg | |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | ND | 30 | 10 | ug/kg | |
| 78-59-1 | Isophorone | ND | 60 | 8.1 | ug/kg | |
| 91-57-6 | 2-Methylnaphthalene | ND | 60 | 17 | ug/kg | |
| 88-74-4 | 2-Nitroaniline | ND | 150 | 13 | ug/kg | |
| 99-09-2 | 3-Nitroaniline | ND | 150 | 12 | ug/kg | |
| 100-01-6 | 4-Nitroaniline | ND | 150 | 12 | ug/kg | |
| 91-20-3 | Naphthalene | ND | 30 | 8.3 | ug/kg | |
| 98-95-3 | Nitrobenzene | ND | 60 | 8.7 | ug/kg | |
| 621-64-7 | N-Nitroso-di-n-propylamine | ND | 60 | 7.4 | ug/kg | |
| 86-30-6 | N-Nitrosodiphenylamine | ND | 150 | 18 | ug/kg | |
| 85-01-8 | Phenanthrene | ND | 30 | 14 | ug/kg | |
| 129-00-0 | Pyrene | ND | 30 | 12 | ug/kg | |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | ND | 150 | 9.3 | ug/kg | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|----------|----------------------|--------|--------|---------|
| 367-12-4 | 2-Fluorophenol | 83% | | 13-110% |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | |
|--|--------------------------------|
| Client Sample ID: SB-5 (36-38) | Date Sampled: 01/13/14 |
| Lab Sample ID: JB57522-4 | Date Received: 01/13/14 |
| Matrix: SO - Soil | Percent Solids: 94.8 |
| Method: SW846 8270D SW846 3550C | |
| Project: Flushing Commons, Union Street, Flushing, NY | |

ABN TCL List (SOM0 2.0)

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|-----------|----------------------|--------|--------|---------|
| 4165-62-2 | Phenol-d5 | 79% | | 15-110% |
| 118-79-6 | 2,4,6-Tribromophenol | 74% | | 20-123% |
| 4165-60-0 | Nitrobenzene-d5 | 79% | | 10-110% |
| 321-60-8 | 2-Fluorobiphenyl | 76% | | 17-110% |
| 1718-51-0 | Terphenyl-d14 | 90% | | 30-124% |

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

4.4
4

Report of Analysis

| | |
|---|--|
| Client Sample ID: SB-5 (36-38) Lab Sample ID: JB57522-4 Matrix: SO - Soil Method: SW846 8082A SW846 3546 Project: Flushing Commons, Union Street, Flushing, NY | Date Sampled: 01/13/14 Date Received: 01/13/14 Percent Solids: 94.8 |
|---|--|

| Run # | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|-----------|----|----------|----|-----------|------------|------------------|
| Run #1 | 2G90738.D | 1 | 01/15/14 | JP | 01/14/14 | OP71988 | G2G2883 |
| Run #2 | | | | | | | |

| Run # | Initial Weight | Final Volume |
|--------|----------------|--------------|
| Run #1 | 15.6 g | 1.0 ml |
| Run #2 | | |

PCB List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|--------------|--------|-----|------|-------|---|
| 12674-11-2 | Aroclor 1016 | ND | 3.4 | 0.88 | ug/kg | |
| 11104-28-2 | Aroclor 1221 | ND | 3.4 | 2.0 | ug/kg | |
| 11141-16-5 | Aroclor 1232 | ND | 3.4 | 1.7 | ug/kg | |
| 53469-21-9 | Aroclor 1242 | ND | 3.4 | 1.1 | ug/kg | |
| 12672-29-6 | Aroclor 1248 | ND | 3.4 | 1.0 | ug/kg | |
| 11097-69-1 | Aroclor 1254 | ND | 3.4 | 1.6 | ug/kg | |
| 11096-82-5 | Aroclor 1260 | ND | 3.4 | 1.1 | ug/kg | |
| 11100-14-4 | Aroclor 1268 | ND | 3.4 | 0.99 | ug/kg | |
| 37324-23-5 | Aroclor 1262 | ND | 3.4 | 1.1 | ug/kg | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|-----------|----------------------|--------|--------|---------|
| 877-09-8 | Tetrachloro-m-xylene | 94% | | 14-139% |
| 877-09-8 | Tetrachloro-m-xylene | 68% | | 14-139% |
| 2051-24-3 | Decachlorobiphenyl | 86% | | 10-155% |
| 2051-24-3 | Decachlorobiphenyl | 79% | | 10-155% |

ND = Not detected MDL - Method Detection Limit J = Indicates an estimated value
 RL = Reporting Limit B = Indicates analyte found in associated method blank
 E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

4.4
4

Report of Analysis

| | | | |
|-------------------|--|-----------------|----------|
| Client Sample ID: | SB-5 (36-38) | Date Sampled: | 01/13/14 |
| Lab Sample ID: | JB57522-4 | Date Received: | 01/13/14 |
| Matrix: | SO - Soil | Percent Solids: | 94.8 |
| Project: | Flushing Commons, Union Street, Flushing, NY | | |

Metals Analysis

| Analyte | Result | RL | Units | DF | Prep | Analyzed By | Method | Prep Method |
|-----------|---------|-------|-------|----|----------|-------------|--------------------------|--------------------------|
| Aluminum | 4890 | 52 | mg/kg | 1 | 01/14/14 | 01/16/14 SM | SW846 6010C ² | SW846 3050B ⁵ |
| Antimony | < 2.1 | 2.1 | mg/kg | 1 | 01/14/14 | 01/16/14 SM | SW846 6010C ² | SW846 3050B ⁵ |
| Arsenic | < 2.1 | 2.1 | mg/kg | 1 | 01/14/14 | 01/16/14 SM | SW846 6010C ² | SW846 3050B ⁵ |
| Barium | 36.6 | 21 | mg/kg | 1 | 01/14/14 | 01/16/14 SM | SW846 6010C ² | SW846 3050B ⁵ |
| Beryllium | 0.74 | 0.21 | mg/kg | 1 | 01/14/14 | 01/16/14 SM | SW846 6010C ² | SW846 3050B ⁵ |
| Cadmium | < 0.52 | 0.52 | mg/kg | 1 | 01/14/14 | 01/16/14 SM | SW846 6010C ² | SW846 3050B ⁵ |
| Calcium | 595 | 520 | mg/kg | 1 | 01/14/14 | 01/16/14 SM | SW846 6010C ² | SW846 3050B ⁵ |
| Chromium | 13.4 | 1.0 | mg/kg | 1 | 01/14/14 | 01/17/14 SM | SW846 6010C ³ | SW846 3050B ⁵ |
| Cobalt | < 5.2 | 5.2 | mg/kg | 1 | 01/14/14 | 01/16/14 SM | SW846 6010C ² | SW846 3050B ⁵ |
| Copper | 7.5 | 2.6 | mg/kg | 1 | 01/14/14 | 01/16/14 SM | SW846 6010C ² | SW846 3050B ⁵ |
| Iron | 8900 | 52 | mg/kg | 1 | 01/14/14 | 01/16/14 SM | SW846 6010C ² | SW846 3050B ⁵ |
| Lead | 2.7 | 2.1 | mg/kg | 1 | 01/14/14 | 01/16/14 SM | SW846 6010C ² | SW846 3050B ⁵ |
| Magnesium | 1810 | 520 | mg/kg | 1 | 01/14/14 | 01/16/14 SM | SW846 6010C ² | SW846 3050B ⁵ |
| Manganese | 129 | 1.6 | mg/kg | 1 | 01/14/14 | 01/17/14 SM | SW846 6010C ³ | SW846 3050B ⁵ |
| Mercury | < 0.034 | 0.034 | mg/kg | 1 | 01/14/14 | 01/14/14 DP | SW846 7471B ¹ | SW846 7471B ⁴ |
| Nickel | 9.2 | 4.1 | mg/kg | 1 | 01/14/14 | 01/16/14 SM | SW846 6010C ² | SW846 3050B ⁵ |
| Potassium | 1500 | 1000 | mg/kg | 1 | 01/14/14 | 01/16/14 SM | SW846 6010C ² | SW846 3050B ⁵ |
| Selenium | < 2.1 | 2.1 | mg/kg | 1 | 01/14/14 | 01/16/14 SM | SW846 6010C ² | SW846 3050B ⁵ |
| Silver | 0.54 | 0.52 | mg/kg | 1 | 01/14/14 | 01/16/14 SM | SW846 6010C ² | SW846 3050B ⁵ |
| Sodium | < 1000 | 1000 | mg/kg | 1 | 01/14/14 | 01/16/14 SM | SW846 6010C ² | SW846 3050B ⁵ |
| Thallium | < 1.0 | 1.0 | mg/kg | 1 | 01/14/14 | 01/16/14 SM | SW846 6010C ² | SW846 3050B ⁵ |
| Vanadium | 15.7 | 5.2 | mg/kg | 1 | 01/14/14 | 01/16/14 SM | SW846 6010C ² | SW846 3050B ⁵ |
| Zinc | 16.4 | 2.1 | mg/kg | 1 | 01/14/14 | 01/17/14 SM | SW846 6010C ³ | SW846 3050B ⁵ |

(1) Instrument QC Batch: MA33061

(2) Instrument QC Batch: MA33072

(3) Instrument QC Batch: MA33089

(4) Prep QC Batch: MP77159

(5) Prep QC Batch: MP77186

RL = Reporting Limit

Report of Analysis

| | | | |
|-------------------|--|-----------------|----------|
| Client Sample ID: | TRIP BLANK | Date Sampled: | 01/13/14 |
| Lab Sample ID: | JB57522-5 | Date Received: | 01/13/14 |
| Matrix: | AQ - Trip Blank Soil | Percent Solids: | n/a |
| Method: | SW846 8260C | | |
| Project: | Flushing Commons, Union Street, Flushing, NY | | |

| Run # | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|-----------|----|----------|-----|-----------|------------|------------------|
| Run #1 | C187814.D | 1 | 01/15/14 | TDN | n/a | n/a | VC6818 |
| Run #2 | | | | | | | |

| Run # | Purge Volume |
|--------|--------------|
| Run #1 | 5.0 ml |
| Run #2 | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|-----------------------------|--------|-----|------|-------|---|
| 67-64-1 | Acetone | ND | 10 | 3.3 | ug/l | |
| 71-43-2 | Benzene | ND | 1.0 | 0.28 | ug/l | |
| 74-97-5 | Bromochloromethane | ND | 5.0 | 0.42 | ug/l | |
| 75-27-4 | Bromodichloromethane | ND | 1.0 | 0.21 | ug/l | |
| 75-25-2 | Bromoform | ND | 4.0 | 0.30 | ug/l | |
| 74-83-9 | Bromomethane | ND | 2.0 | 0.56 | ug/l | |
| 78-93-3 | 2-Butanone (MEK) | ND | 10 | 3.2 | ug/l | |
| 75-15-0 | Carbon disulfide | ND | 2.0 | 0.18 | ug/l | |
| 56-23-5 | Carbon tetrachloride | ND | 1.0 | 0.23 | ug/l | |
| 108-90-7 | Chlorobenzene | ND | 1.0 | 0.35 | ug/l | |
| 75-00-3 | Chloroethane | ND | 1.0 | 0.39 | ug/l | |
| 67-66-3 | Chloroform | ND | 1.0 | 0.25 | ug/l | |
| 74-87-3 | Chloromethane | ND | 1.0 | 0.36 | ug/l | |
| 110-82-7 | Cyclohexane | ND | 5.0 | 0.18 | ug/l | |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ND | 10 | 1.3 | ug/l | |
| 124-48-1 | Dibromochloromethane | ND | 1.0 | 0.19 | ug/l | |
| 106-93-4 | 1,2-Dibromoethane | ND | 2.0 | 0.16 | ug/l | |
| 95-50-1 | 1,2-Dichlorobenzene | ND | 1.0 | 0.20 | ug/l | |
| 541-73-1 | 1,3-Dichlorobenzene | ND | 1.0 | 0.31 | ug/l | |
| 106-46-7 | 1,4-Dichlorobenzene | ND | 1.0 | 0.30 | ug/l | |
| 75-71-8 | Dichlorodifluoromethane | ND | 5.0 | 0.63 | ug/l | |
| 75-34-3 | 1,1-Dichloroethane | ND | 1.0 | 0.26 | ug/l | |
| 107-06-2 | 1,2-Dichloroethane | ND | 1.0 | 0.22 | ug/l | |
| 75-35-4 | 1,1-Dichloroethene | ND | 1.0 | 0.34 | ug/l | |
| 156-59-2 | cis-1,2-Dichloroethene | ND | 1.0 | 0.24 | ug/l | |
| 156-60-5 | trans-1,2-Dichloroethene | ND | 1.0 | 0.38 | ug/l | |
| 78-87-5 | 1,2-Dichloropropane | ND | 1.0 | 0.28 | ug/l | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 1.0 | 0.15 | ug/l | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 100-41-4 | Ethylbenzene | ND | 1.0 | 0.21 | ug/l | |
| 76-13-1 | Freon 113 | ND | 5.0 | 0.77 | ug/l | |
| 591-78-6 | 2-Hexanone | ND | 5.0 | 1.7 | ug/l | |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | | | |
|-------------------|--|-----------------|----------|
| Client Sample ID: | TRIP BLANK | Date Sampled: | 01/13/14 |
| Lab Sample ID: | JB57522-5 | Date Received: | 01/13/14 |
| Matrix: | AQ - Trip Blank Soil | Percent Solids: | n/a |
| Method: | SW846 8260C | | |
| Project: | Flushing Commons, Union Street, Flushing, NY | | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|----------------------------|--------|-----|------|-------|---|
| 98-82-8 | Isopropylbenzene | ND | 2.0 | 0.22 | ug/l | |
| 79-20-9 | Methyl Acetate | ND | 5.0 | 1.5 | ug/l | |
| 108-87-2 | Methylcyclohexane | ND | 5.0 | 0.15 | ug/l | |
| 1634-04-4 | Methyl Tert Butyl Ether | ND | 1.0 | 0.29 | ug/l | |
| 108-10-1 | 4-Methyl-2-pentanone(MIBK) | ND | 5.0 | 1.5 | ug/l | |
| 75-09-2 | Methylene chloride | ND | 2.0 | 0.86 | ug/l | |
| 100-42-5 | Styrene | ND | 5.0 | 0.30 | ug/l | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 1.0 | 0.20 | ug/l | |
| 127-18-4 | Tetrachloroethene | ND | 1.0 | 0.25 | ug/l | |
| 108-88-3 | Toluene | ND | 1.0 | 0.44 | ug/l | |
| 87-61-6 | 1,2,3-Trichlorobenzene | ND | 5.0 | 0.24 | ug/l | |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | 5.0 | 0.22 | ug/l | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 1.0 | 0.25 | ug/l | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 1.0 | 0.21 | ug/l | |
| 79-01-6 | Trichloroethene | ND | 1.0 | 0.50 | ug/l | |
| 75-69-4 | Trichlorofluoromethane | ND | 5.0 | 0.33 | ug/l | |
| 75-01-4 | Vinyl chloride | ND | 1.0 | 0.41 | ug/l | |
| | m,p-Xylene | ND | 1.0 | 0.40 | ug/l | |
| 95-47-6 | o-Xylene | ND | 1.0 | 0.19 | ug/l | |
| 1330-20-7 | Xylene (total) | ND | 1.0 | 0.19 | ug/l | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|------------|-----------------------|--------|--------|---------|
| 1868-53-7 | Dibromofluoromethane | 99% | | 79-117% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 99% | | 72-123% |
| 2037-26-5 | Toluene-D8 | 99% | | 82-118% |
| 460-00-4 | 4-Bromofluorobenzene | 96% | | 75-118% |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | |
|---|-------------------------|
| Client Sample ID: SB-2 (0-2) | Date Sampled: 01/14/14 |
| Lab Sample ID: JB57666-1 | Date Received: 01/14/14 |
| Matrix: SO - Soil | Percent Solids: 90.9 |
| Method: SW846 8260C SW846 5035 | |
| Project: Flushing Commons, Union Street, Flushing, NY | |

| Run #1 | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|-----------|----|----------|-----|----------------|------------|------------------|
| Run #2 | I191739.D | 1 | 01/16/14 | SJM | 01/15/14 11:00 | n/a | VI7746 |

| Run #1 | Initial Weight |
|--------|----------------|
| Run #2 | 5.6 g |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|-----------------------------|--------|------|------|-------|---|
| 67-64-1 | Acetone | ND | 9.8 | 4.5 | ug/kg | |
| 71-43-2 | Benzene | ND | 0.98 | 0.12 | ug/kg | |
| 74-97-5 | Bromochloromethane | ND | 4.9 | 0.51 | ug/kg | |
| 75-27-4 | Bromodichloromethane | ND | 4.9 | 0.28 | ug/kg | |
| 75-25-2 | Bromoform | ND | 4.9 | 0.26 | ug/kg | |
| 74-83-9 | Bromomethane | ND | 4.9 | 0.47 | ug/kg | |
| 78-93-3 | 2-Butanone (MEK) | ND | 9.8 | 4.3 | ug/kg | |
| 75-15-0 | Carbon disulfide | ND | 4.9 | 0.14 | ug/kg | |
| 56-23-5 | Carbon tetrachloride | ND | 4.9 | 0.25 | ug/kg | |
| 108-90-7 | Chlorobenzene | ND | 4.9 | 0.19 | ug/kg | |
| 75-00-3 | Chloroethane | ND | 4.9 | 0.98 | ug/kg | |
| 67-66-3 | Chloroform | ND | 4.9 | 0.25 | ug/kg | |
| 74-87-3 | Chloromethane | ND | 4.9 | 0.34 | ug/kg | |
| 110-82-7 | Cyclohexane | ND | 4.9 | 0.25 | ug/kg | |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ND | 9.8 | 1.3 | ug/kg | |
| 124-48-1 | Dibromochloromethane | ND | 4.9 | 0.24 | ug/kg | |
| 106-93-4 | 1,2-Dibromoethane | ND | 0.98 | 0.54 | ug/kg | |
| 95-50-1 | 1,2-Dichlorobenzene | ND | 4.9 | 0.33 | ug/kg | |
| 541-73-1 | 1,3-Dichlorobenzene | ND | 4.9 | 0.21 | ug/kg | |
| 106-46-7 | 1,4-Dichlorobenzene | ND | 4.9 | 0.25 | ug/kg | |
| 75-71-8 | Dichlorodifluoromethane | ND | 4.9 | 0.35 | ug/kg | |
| 75-34-3 | 1,1-Dichloroethane | ND | 4.9 | 0.31 | ug/kg | |
| 107-06-2 | 1,2-Dichloroethane | ND | 0.98 | 0.32 | ug/kg | |
| 75-35-4 | 1,1-Dichloroethene | ND | 4.9 | 0.28 | ug/kg | |
| 156-59-2 | cis-1,2-Dichloroethene | ND | 4.9 | 0.20 | ug/kg | |
| 156-60-5 | trans-1,2-Dichloroethene | ND | 4.9 | 0.42 | ug/kg | |
| 78-87-5 | 1,2-Dichloropropane | ND | 4.9 | 0.43 | ug/kg | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 4.9 | 0.22 | ug/kg | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 4.9 | 0.27 | ug/kg | |
| 100-41-4 | Ethylbenzene | ND | 0.98 | 0.17 | ug/kg | |
| 76-13-1 | Freon 113 | ND | 4.9 | 0.43 | ug/kg | |
| 591-78-6 | 2-Hexanone | ND | 4.9 | 1.7 | ug/kg | |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | | | |
|-------------------|--|-----------------|----------|
| Client Sample ID: | SB-2 (0-2) | Date Sampled: | 01/14/14 |
| Lab Sample ID: | JB57666-1 | Date Received: | 01/14/14 |
| Matrix: | SO - Soil | Percent Solids: | 90.9 |
| Method: | SW846 8260C SW846 5035 | | |
| Project: | Flushing Commons, Union Street, Flushing, NY | | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|----------------------------|--------|------|------|-------|---|
| 98-82-8 | Isopropylbenzene | ND | 4.9 | 0.14 | ug/kg | |
| 79-20-9 | Methyl Acetate | ND | 4.9 | 1.6 | ug/kg | |
| 108-87-2 | Methylcyclohexane | ND | 4.9 | 0.16 | ug/kg | |
| 1634-04-4 | Methyl Tert Butyl Ether | ND | 0.98 | 0.34 | ug/kg | |
| 108-10-1 | 4-Methyl-2-pentanone(MIBK) | ND | 4.9 | 1.3 | ug/kg | |
| 75-09-2 | Methylene chloride | ND | 4.9 | 1.7 | ug/kg | |
| 100-42-5 | Styrene | ND | 4.9 | 0.23 | ug/kg | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 4.9 | 0.34 | ug/kg | |
| 127-18-4 | Tetrachloroethene | ND | 4.9 | 0.40 | ug/kg | |
| 108-88-3 | Toluene | ND | 0.98 | 0.14 | ug/kg | |
| 87-61-6 | 1,2,3-Trichlorobenzene | ND | 4.9 | 0.20 | ug/kg | |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | 4.9 | 0.18 | ug/kg | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 4.9 | 0.28 | ug/kg | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 4.9 | 0.81 | ug/kg | |
| 79-01-6 | Trichloroethene | ND | 4.9 | 0.34 | ug/kg | |
| 75-69-4 | Trichlorofluoromethane | ND | 4.9 | 0.22 | ug/kg | |
| 75-01-4 | Vinyl chloride | ND | 4.9 | 0.34 | ug/kg | |
| | m,p-Xylene | ND | 0.98 | 0.48 | ug/kg | |
| 95-47-6 | o-Xylene | ND | 0.98 | 0.17 | ug/kg | |
| 1330-20-7 | Xylene (total) | ND | 0.98 | 0.17 | ug/kg | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|------------|-----------------------|--------|--------|---------|
| 1868-53-7 | Dibromofluoromethane | 96% | | 59-130% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 108% | | 65-123% |
| 2037-26-5 | Toluene-D8 | 91% | | 80-124% |
| 460-00-4 | 4-Bromofluorobenzene | 103% | | 71-132% |

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

| | | | |
|-------------------|--|-----------------|----------|
| Client Sample ID: | SB-2 (0-2) | Date Sampled: | 01/14/14 |
| Lab Sample ID: | JB57666-1 | Date Received: | 01/14/14 |
| Matrix: | SO - Soil | Percent Solids: | 90.9 |
| Method: | SW846 8270D SW846 3550C | | |
| Project: | Flushing Commons, Union Street, Flushing, NY | | |

| Run # | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|----------|----|----------|----|-----------|------------|------------------|
| Run #1 | Z88123.D | 1 | 01/16/14 | EP | 01/15/14 | OP72024 | EZ4399 |
| Run #2 | | | | | | | |

| Run # | Initial Weight | Final Volume |
|--------|----------------|--------------|
| Run #1 | 34.0 g | 1.0 ml |
| Run #2 | | |

ABN TCL List (SOM0 2.0)

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|----------------------------|--------|-----|-----|-------|---|
| 95-57-8 | 2-Chlorophenol | ND | 65 | 32 | ug/kg | |
| 59-50-7 | 4-Chloro-3-methyl phenol | ND | 160 | 32 | ug/kg | |
| 120-83-2 | 2,4-Dichlorophenol | ND | 160 | 52 | ug/kg | |
| 105-67-9 | 2,4-Dimethylphenol | ND | 160 | 54 | ug/kg | |
| 51-28-5 | 2,4-Dinitrophenol | ND | 650 | 39 | ug/kg | |
| 534-52-1 | 4,6-Dinitro-o-cresol | ND | 650 | 39 | ug/kg | |
| 95-48-7 | 2-Methylphenol | ND | 65 | 37 | ug/kg | |
| | 3&4-Methylphenol | ND | 65 | 41 | ug/kg | |
| 88-75-5 | 2-Nitrophenol | ND | 160 | 34 | ug/kg | |
| 100-02-7 | 4-Nitrophenol | ND | 320 | 55 | ug/kg | |
| 87-86-5 | Pentachlorophenol | ND | 320 | 55 | ug/kg | |
| 108-95-2 | Phenol | ND | 65 | 34 | ug/kg | |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | ND | 160 | 33 | ug/kg | |
| 95-95-4 | 2,4,5-Trichlorophenol | ND | 160 | 38 | ug/kg | |
| 88-06-2 | 2,4,6-Trichlorophenol | ND | 160 | 30 | ug/kg | |
| 83-32-9 | Acenaphthene | ND | 32 | 9.4 | ug/kg | |
| 208-96-8 | Acenaphthylene | ND | 32 | 10 | ug/kg | |
| 98-86-2 | Acetophenone | ND | 160 | 5.7 | ug/kg | |
| 120-12-7 | Anthracene | ND | 32 | 11 | ug/kg | |
| 1912-24-9 | Atrazine | ND | 65 | 6.4 | ug/kg | |
| 56-55-3 | Benzo(a)anthracene | ND | 32 | 11 | ug/kg | |
| 50-32-8 | Benzo(a)pyrene | ND | 32 | 9.9 | ug/kg | |
| 205-99-2 | Benzo(b)fluoranthene | ND | 32 | 11 | ug/kg | |
| 191-24-2 | Benzo(g,h,i)perylene | ND | 32 | 12 | ug/kg | |
| 207-08-9 | Benzo(k)fluoranthene | ND | 32 | 12 | ug/kg | |
| 101-55-3 | 4-Bromophenyl phenyl ether | ND | 65 | 12 | ug/kg | |
| 85-68-7 | Butyl benzyl phthalate | ND | 65 | 19 | ug/kg | |
| 92-52-4 | 1,1'-Biphenyl | ND | 65 | 3.8 | ug/kg | |
| 100-52-7 | Benzaldehyde | ND | 160 | 7.4 | ug/kg | |
| 91-58-7 | 2-Chloronaphthalene | ND | 65 | 10 | ug/kg | |
| 106-47-8 | 4-Chloroaniline | ND | 160 | 10 | ug/kg | |
| 86-74-8 | Carbazole | ND | 65 | 15 | ug/kg | |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | | | |
|-------------------|--|-----------------|----------|
| Client Sample ID: | SB-2 (0-2) | Date Sampled: | 01/14/14 |
| Lab Sample ID: | JB57666-1 | Date Received: | 01/14/14 |
| Matrix: | SO - Soil | Percent Solids: | 90.9 |
| Method: | SW846 8270D SW846 3550C | | |
| Project: | Flushing Commons, Union Street, Flushing, NY | | |

ABN TCL List (SOM0 2.0)

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|-----------------------------|--------|-----|-----|-------|---|
| 105-60-2 | Caprolactam | ND | 65 | 10 | ug/kg | |
| 218-01-9 | Chrysene | ND | 32 | 11 | ug/kg | |
| 111-91-1 | bis(2-Chloroethoxy)methane | ND | 65 | 13 | ug/kg | |
| 111-44-4 | bis(2-Chloroethyl)ether | ND | 65 | 9.7 | ug/kg | |
| 108-60-1 | bis(2-Chloroisopropyl)ether | ND | 65 | 9.6 | ug/kg | |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | ND | 65 | 9.7 | ug/kg | |
| 121-14-2 | 2,4-Dinitrotoluene | ND | 32 | 14 | ug/kg | |
| 606-20-2 | 2,6-Dinitrotoluene | ND | 32 | 12 | ug/kg | |
| 91-94-1 | 3,3'-Dichlorobenzidine | ND | 65 | 8.2 | ug/kg | |
| 123-91-1 | 1,4-Dioxane | ND | 32 | 21 | ug/kg | |
| 53-70-3 | Dibenzo(a,h)anthracene | ND | 32 | 11 | ug/kg | |
| 132-64-9 | Dibenzofuran | ND | 65 | 9.6 | ug/kg | |
| 84-74-2 | Di-n-butyl phthalate | ND | 65 | 7.2 | ug/kg | |
| 117-84-0 | Di-n-octyl phthalate | ND | 65 | 16 | ug/kg | |
| 84-66-2 | Diethyl phthalate | ND | 65 | 11 | ug/kg | |
| 131-11-3 | Dimethyl phthalate | ND | 65 | 11 | ug/kg | |
| 117-81-7 | bis(2-Ethylhexyl)phthalate | ND | 65 | 29 | ug/kg | |
| 206-44-0 | Fluoranthene | ND | 32 | 14 | ug/kg | |
| 86-73-7 | Fluorene | ND | 32 | 11 | ug/kg | |
| 118-74-1 | Hexachlorobenzene | ND | 65 | 11 | ug/kg | |
| 87-68-3 | Hexachlorobutadiene | ND | 32 | 9.0 | ug/kg | |
| 77-47-4 | Hexachlorocyclopentadiene | ND | 320 | 33 | ug/kg | |
| 67-72-1 | Hexachloroethane | ND | 160 | 9.0 | ug/kg | |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | ND | 32 | 11 | ug/kg | |
| 78-59-1 | Isophorone | ND | 65 | 8.7 | ug/kg | |
| 91-57-6 | 2-Methylnaphthalene | ND | 65 | 18 | ug/kg | |
| 88-74-4 | 2-Nitroaniline | ND | 160 | 14 | ug/kg | |
| 99-09-2 | 3-Nitroaniline | ND | 160 | 13 | ug/kg | |
| 100-01-6 | 4-Nitroaniline | ND | 160 | 13 | ug/kg | |
| 91-20-3 | Naphthalene | ND | 32 | 8.8 | ug/kg | |
| 98-95-3 | Nitrobenzene | ND | 65 | 9.4 | ug/kg | |
| 621-64-7 | N-Nitroso-di-n-propylamine | ND | 65 | 7.9 | ug/kg | |
| 86-30-6 | N-Nitrosodiphenylamine | ND | 160 | 19 | ug/kg | |
| 85-01-8 | Phenanthrene | ND | 32 | 15 | ug/kg | |
| 129-00-0 | Pyrene | ND | 32 | 12 | ug/kg | |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | ND | 160 | 9.9 | ug/kg | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|----------|----------------------|--------|--------|---------|
| 367-12-4 | 2-Fluorophenol | 88% | | 13-110% |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | |
|--|--|
| Client Sample ID: SB-2 (0-2) Lab Sample ID: JB57666-1 Matrix: SO - Soil Method: SW846 8270D SW846 3550C Project: Flushing Commons, Union Street, Flushing, NY | Date Sampled: 01/14/14 Date Received: 01/14/14 Percent Solids: 90.9 |
|--|--|

ABN TCL List (SOM0 2.0)

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|-----------|----------------------|--------|--------|---------|
| 4165-62-2 | Phenol-d5 | 78% | | 15-110% |
| 118-79-6 | 2,4,6-Tribromophenol | 73% | | 20-123% |
| 4165-60-0 | Nitrobenzene-d5 | 82% | | 10-110% |
| 321-60-8 | 2-Fluorobiphenyl | 78% | | 17-110% |
| 1718-51-0 | Terphenyl-d14 | 83% | | 30-124% |

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

4.6
4

Report of Analysis

| | |
|---|-------------------------|
| Client Sample ID: SB-2 (0-2) | Date Sampled: 01/14/14 |
| Lab Sample ID: JB57666-1 | Date Received: 01/14/14 |
| Matrix: SO - Soil | Percent Solids: 90.9 |
| Method: SW846 8081B SW846 3546 | |
| Project: Flushing Commons, Union Street, Flushing, NY | |

| Run # | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|-----------|----|----------|----|-----------|------------|------------------|
| Run #1 | 4G40190.D | 1 | 01/16/14 | DG | 01/15/14 | OP72022 | G4G1003 |
| Run #2 | | | | | | | |

| Run # | Initial Weight | Final Volume |
|--------|----------------|--------------|
| Run #1 | 15.2 g | 1.0 ml |
| Run #2 | | |

Pesticide TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|---------------------|--------|-------|-------|-------|---|
| 309-00-2 | Aldrin | ND | 0.072 | 0.033 | ug/kg | |
| 319-84-6 | alpha-BHC | ND | 0.072 | 0.022 | ug/kg | |
| 319-85-7 | beta-BHC | ND | 0.072 | 0.045 | ug/kg | |
| 319-86-8 | delta-BHC | ND | 0.072 | 0.036 | ug/kg | |
| 58-89-9 | gamma-BHC (Lindane) | ND | 0.072 | 0.035 | ug/kg | |
| 5103-71-9 | alpha-Chlordane | ND | 0.072 | 0.027 | ug/kg | |
| 5103-74-2 | gamma-Chlordane | 0.17 | 0.072 | 0.050 | ug/kg | |
| 60-57-1 | Dieldrin | ND | 0.072 | 0.028 | ug/kg | |
| 72-54-8 | 4,4'-DDD | ND | 0.072 | 0.040 | ug/kg | |
| 72-55-9 | 4,4'-DDE | ND | 0.072 | 0.029 | ug/kg | |
| 50-29-3 | 4,4'-DDT | ND | 0.072 | 0.036 | ug/kg | |
| 72-20-8 | Endrin | ND | 0.072 | 0.023 | ug/kg | |
| 1031-07-8 | Endosulfan sulfate | ND | 0.072 | 0.031 | ug/kg | |
| 7421-93-4 | Endrin aldehyde | ND | 0.072 | 0.038 | ug/kg | |
| 959-98-8 | Endosulfan-I | ND | 0.072 | 0.027 | ug/kg | |
| 33213-65-9 | Endosulfan-II | ND | 0.072 | 0.043 | ug/kg | |
| 76-44-8 | Heptachlor | ND | 0.072 | 0.035 | ug/kg | |
| 1024-57-3 | Heptachlor epoxide | ND | 0.072 | 0.027 | ug/kg | |
| 72-43-5 | Methoxychlor | ND | 0.14 | 0.071 | ug/kg | |
| 53494-70-5 | Endrin ketone | ND | 0.072 | 0.029 | ug/kg | |
| 8001-35-2 | Toxaphene | ND | 1.8 | 0.91 | ug/kg | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|-----------|----------------------|--------|--------|---------|
| 877-09-8 | Tetrachloro-m-xylene | 99% | | 10-147% |
| 877-09-8 | Tetrachloro-m-xylene | 100% | | 10-147% |
| 2051-24-3 | Decachlorobiphenyl | 78% | | 10-154% |
| 2051-24-3 | Decachlorobiphenyl | 88% | | 10-154% |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | |
|---|--|
| Client Sample ID: SB-2 (0-2) Lab Sample ID: JB57666-1 Matrix: SO - Soil Method: SW846 8082A SW846 3546 Project: Flushing Commons, Union Street, Flushing, NY | Date Sampled: 01/14/14 Date Received: 01/14/14 Percent Solids: 90.9 |
|---|--|

| Run # | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|-----------|----|----------|----|-----------|------------|------------------|
| Run #1 | 2G90855.D | 1 | 01/17/14 | JP | 01/15/14 | OP72021 | G2G2887 |
| Run #2 | | | | | | | |

| Run # | Initial Weight | Final Volume |
|--------|----------------|--------------|
| Run #1 | 15.3 g | 1.0 ml |
| Run #2 | | |

PCB List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|--------------|--------|-----|------|-------|---|
| 12674-11-2 | Aroclor 1016 | ND | 3.6 | 0.93 | ug/kg | |
| 11104-28-2 | Aroclor 1221 | ND | 3.6 | 2.2 | ug/kg | |
| 11141-16-5 | Aroclor 1232 | ND | 3.6 | 1.8 | ug/kg | |
| 53469-21-9 | Aroclor 1242 | ND | 3.6 | 1.1 | ug/kg | |
| 12672-29-6 | Aroclor 1248 | ND | 3.6 | 1.1 | ug/kg | |
| 11097-69-1 | Aroclor 1254 | ND | 3.6 | 1.7 | ug/kg | |
| 11096-82-5 | Aroclor 1260 | ND | 3.6 | 1.2 | ug/kg | |
| 11100-14-4 | Aroclor 1268 | ND | 3.6 | 1.1 | ug/kg | |
| 37324-23-5 | Aroclor 1262 | ND | 3.6 | 1.1 | ug/kg | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|-----------|----------------------|--------|--------|---------|
| 877-09-8 | Tetrachloro-m-xylene | 99% | | 14-139% |
| 877-09-8 | Tetrachloro-m-xylene | 77% | | 14-139% |
| 2051-24-3 | Decachlorobiphenyl | 121% | | 10-155% |
| 2051-24-3 | Decachlorobiphenyl | 93% | | 10-155% |

ND = Not detected MDL - Method Detection Limit J = Indicates an estimated value
 RL = Reporting Limit B = Indicates analyte found in associated method blank
 E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

4.6
4

Report of Analysis

| | |
|---|-------------------------|
| Client Sample ID: SB-2 (0-2) | Date Sampled: 01/14/14 |
| Lab Sample ID: JB57666-1 | Date Received: 01/14/14 |
| Matrix: SO - Soil | Percent Solids: 90.9 |
| Project: Flushing Commons, Union Street, Flushing, NY | |

Metals Analysis

| Analyte | Result | RL | Units | DF | Prep | Analyzed By | Method | Prep Method |
|-----------|---------|-------|-------|----|----------|-------------|--------------------------|--------------------------|
| Aluminum | 11800 | 53 | mg/kg | 1 | 01/15/14 | 01/15/14 SM | SW846 6010C ² | SW846 3050B ³ |
| Antimony | < 2.1 | 2.1 | mg/kg | 1 | 01/15/14 | 01/15/14 SM | SW846 6010C ² | SW846 3050B ³ |
| Arsenic | 2.4 | 2.1 | mg/kg | 1 | 01/15/14 | 01/15/14 SM | SW846 6010C ² | SW846 3050B ³ |
| Barium | 68.6 | 21 | mg/kg | 1 | 01/15/14 | 01/15/14 SM | SW846 6010C ² | SW846 3050B ³ |
| Beryllium | 1.5 | 0.21 | mg/kg | 1 | 01/15/14 | 01/15/14 SM | SW846 6010C ² | SW846 3050B ³ |
| Cadmium | < 0.53 | 0.53 | mg/kg | 1 | 01/15/14 | 01/15/14 SM | SW846 6010C ² | SW846 3050B ³ |
| Calcium | 878 | 530 | mg/kg | 1 | 01/15/14 | 01/15/14 SM | SW846 6010C ² | SW846 3050B ³ |
| Chromium | 31.0 | 1.1 | mg/kg | 1 | 01/15/14 | 01/15/14 SM | SW846 6010C ² | SW846 3050B ³ |
| Cobalt | 8.7 | 5.3 | mg/kg | 1 | 01/15/14 | 01/15/14 SM | SW846 6010C ² | SW846 3050B ³ |
| Copper | 20.4 | 2.6 | mg/kg | 1 | 01/15/14 | 01/15/14 SM | SW846 6010C ² | SW846 3050B ³ |
| Iron | 21400 | 53 | mg/kg | 1 | 01/15/14 | 01/15/14 SM | SW846 6010C ² | SW846 3050B ³ |
| Lead | 7.2 | 2.1 | mg/kg | 1 | 01/15/14 | 01/15/14 SM | SW846 6010C ² | SW846 3050B ³ |
| Magnesium | 3390 | 530 | mg/kg | 1 | 01/15/14 | 01/15/14 SM | SW846 6010C ² | SW846 3050B ³ |
| Manganese | 412 | 1.6 | mg/kg | 1 | 01/15/14 | 01/15/14 SM | SW846 6010C ² | SW846 3050B ³ |
| Mercury | < 0.036 | 0.036 | mg/kg | 1 | 01/15/14 | 01/15/14 DP | SW846 7471B ¹ | SW846 7471B ⁴ |
| Nickel | 24.6 | 4.2 | mg/kg | 1 | 01/15/14 | 01/15/14 SM | SW846 6010C ² | SW846 3050B ³ |
| Potassium | 2770 | 1100 | mg/kg | 1 | 01/15/14 | 01/15/14 SM | SW846 6010C ² | SW846 3050B ³ |
| Selenium | < 2.1 | 2.1 | mg/kg | 1 | 01/15/14 | 01/15/14 SM | SW846 6010C ² | SW846 3050B ³ |
| Silver | 1.4 | 0.53 | mg/kg | 1 | 01/15/14 | 01/15/14 SM | SW846 6010C ² | SW846 3050B ³ |
| Sodium | < 1100 | 1100 | mg/kg | 1 | 01/15/14 | 01/15/14 SM | SW846 6010C ² | SW846 3050B ³ |
| Thallium | < 1.1 | 1.1 | mg/kg | 1 | 01/15/14 | 01/15/14 SM | SW846 6010C ² | SW846 3050B ³ |
| Vanadium | 35.8 | 5.3 | mg/kg | 1 | 01/15/14 | 01/15/14 SM | SW846 6010C ² | SW846 3050B ³ |
| Zinc | 37.4 | 2.1 | mg/kg | 1 | 01/15/14 | 01/15/14 SM | SW846 6010C ² | SW846 3050B ³ |

(1) Instrument QC Batch: MA33071

(2) Instrument QC Batch: MA33072

(3) Prep QC Batch: MP77214

(4) Prep QC Batch: MP77217

RL = Reporting Limit

Report of Analysis

| | |
|---|-------------------------|
| Client Sample ID: SB-2 (48-50) | Date Sampled: 01/14/14 |
| Lab Sample ID: JB57666-2 | Date Received: 01/14/14 |
| Matrix: SO - Soil | Percent Solids: 95.9 |
| Method: SW846 8260C SW846 5035 | |
| Project: Flushing Commons, Union Street, Flushing, NY | |

| Run #1 | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|-----------|----|----------|-----|----------------|------------|------------------|
| Run #2 | I191746.D | 1 | 01/16/14 | SJM | 01/15/14 11:00 | n/a | VI7747 |

| Run #1 | Initial Weight |
|--------|----------------|
| Run #2 | 5.3 g |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|-----------------------------|--------|------|------|-------|---|
| 67-64-1 | Acetone | ND | 9.8 | 4.5 | ug/kg | |
| 71-43-2 | Benzene | ND | 0.98 | 0.12 | ug/kg | |
| 74-97-5 | Bromochloromethane | ND | 4.9 | 0.51 | ug/kg | |
| 75-27-4 | Bromodichloromethane | ND | 4.9 | 0.28 | ug/kg | |
| 75-25-2 | Bromoform | ND | 4.9 | 0.26 | ug/kg | |
| 74-83-9 | Bromomethane | ND | 4.9 | 0.47 | ug/kg | |
| 78-93-3 | 2-Butanone (MEK) | ND | 9.8 | 4.3 | ug/kg | |
| 75-15-0 | Carbon disulfide | ND | 4.9 | 0.14 | ug/kg | |
| 56-23-5 | Carbon tetrachloride | ND | 4.9 | 0.25 | ug/kg | |
| 108-90-7 | Chlorobenzene | ND | 4.9 | 0.19 | ug/kg | |
| 75-00-3 | Chloroethane | ND | 4.9 | 0.98 | ug/kg | |
| 67-66-3 | Chloroform | ND | 4.9 | 0.25 | ug/kg | |
| 74-87-3 | Chloromethane | ND | 4.9 | 0.34 | ug/kg | |
| 110-82-7 | Cyclohexane | ND | 4.9 | 0.25 | ug/kg | |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ND | 9.8 | 1.3 | ug/kg | |
| 124-48-1 | Dibromochloromethane | ND | 4.9 | 0.24 | ug/kg | |
| 106-93-4 | 1,2-Dibromoethane | ND | 0.98 | 0.54 | ug/kg | |
| 95-50-1 | 1,2-Dichlorobenzene | ND | 4.9 | 0.33 | ug/kg | |
| 541-73-1 | 1,3-Dichlorobenzene | ND | 4.9 | 0.21 | ug/kg | |
| 106-46-7 | 1,4-Dichlorobenzene | ND | 4.9 | 0.25 | ug/kg | |
| 75-71-8 | Dichlorodifluoromethane | ND | 4.9 | 0.35 | ug/kg | |
| 75-34-3 | 1,1-Dichloroethane | ND | 4.9 | 0.31 | ug/kg | |
| 107-06-2 | 1,2-Dichloroethane | ND | 0.98 | 0.32 | ug/kg | |
| 75-35-4 | 1,1-Dichloroethene | ND | 4.9 | 0.28 | ug/kg | |
| 156-59-2 | cis-1,2-Dichloroethene | ND | 4.9 | 0.20 | ug/kg | |
| 156-60-5 | trans-1,2-Dichloroethene | ND | 4.9 | 0.42 | ug/kg | |
| 78-87-5 | 1,2-Dichloropropane | ND | 4.9 | 0.43 | ug/kg | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 4.9 | 0.22 | ug/kg | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 4.9 | 0.27 | ug/kg | |
| 100-41-4 | Ethylbenzene | ND | 0.98 | 0.17 | ug/kg | |
| 76-13-1 | Freon 113 | ND | 4.9 | 0.43 | ug/kg | |
| 591-78-6 | 2-Hexanone | ND | 4.9 | 1.8 | ug/kg | |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | | | |
|-------------------|--|-----------------|----------|
| Client Sample ID: | SB-2 (48-50) | Date Sampled: | 01/14/14 |
| Lab Sample ID: | JB57666-2 | Date Received: | 01/14/14 |
| Matrix: | SO - Soil | Percent Solids: | 95.9 |
| Method: | SW846 8260C SW846 5035 | | |
| Project: | Flushing Commons, Union Street, Flushing, NY | | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|----------------------------|--------|------|------|-------|---|
| 98-82-8 | Isopropylbenzene | ND | 4.9 | 0.14 | ug/kg | |
| 79-20-9 | Methyl Acetate | ND | 4.9 | 1.6 | ug/kg | |
| 108-87-2 | Methylcyclohexane | ND | 4.9 | 0.16 | ug/kg | |
| 1634-04-4 | Methyl Tert Butyl Ether | ND | 0.98 | 0.34 | ug/kg | |
| 108-10-1 | 4-Methyl-2-pentanone(MIBK) | ND | 4.9 | 1.3 | ug/kg | |
| 75-09-2 | Methylene chloride | ND | 4.9 | 1.7 | ug/kg | |
| 100-42-5 | Styrene | 0.71 | 4.9 | 0.23 | ug/kg | J |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 4.9 | 0.34 | ug/kg | |
| 127-18-4 | Tetrachloroethene | ND | 4.9 | 0.40 | ug/kg | |
| 108-88-3 | Toluene | ND | 0.98 | 0.14 | ug/kg | |
| 87-61-6 | 1,2,3-Trichlorobenzene | ND | 4.9 | 0.20 | ug/kg | |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | 4.9 | 0.18 | ug/kg | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 4.9 | 0.28 | ug/kg | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 4.9 | 0.81 | ug/kg | |
| 79-01-6 | Trichloroethene | ND | 4.9 | 0.34 | ug/kg | |
| 75-69-4 | Trichlorofluoromethane | ND | 4.9 | 0.22 | ug/kg | |
| 75-01-4 | Vinyl chloride | ND | 4.9 | 0.34 | ug/kg | |
| | m,p-Xylene | ND | 0.98 | 0.48 | ug/kg | |
| 95-47-6 | o-Xylene | ND | 0.98 | 0.18 | ug/kg | |
| 1330-20-7 | Xylene (total) | ND | 0.98 | 0.18 | ug/kg | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|------------|-----------------------|--------|--------|---------|
| 1868-53-7 | Dibromofluoromethane | 95% | | 59-130% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 107% | | 65-123% |
| 2037-26-5 | Toluene-D8 | 92% | | 80-124% |
| 460-00-4 | 4-Bromofluorobenzene | 107% | | 71-132% |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | | | |
|-------------------|--|-----------------|----------|
| Client Sample ID: | SB-2 (48-50) | Date Sampled: | 01/14/14 |
| Lab Sample ID: | JB57666-2 | Date Received: | 01/14/14 |
| Matrix: | SO - Soil | Percent Solids: | 95.9 |
| Method: | SW846 8270D SW846 3550C | | |
| Project: | Flushing Commons, Union Street, Flushing, NY | | |

| Run # | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|----------|----|----------|----|-----------|------------|------------------|
| Run #1 | Z88124.D | 1 | 01/16/14 | EP | 01/15/14 | OP72024 | EZ4399 |
| Run #2 | | | | | | | |

| Run # | Initial Weight | Final Volume |
|--------|----------------|--------------|
| Run #1 | 33.2 g | 1.0 ml |
| Run #2 | | |

ABN TCL List (SOM0 2.0)

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|----------------------------|--------|-----|-----|-------|---|
| 95-57-8 | 2-Chlorophenol | ND | 63 | 31 | ug/kg | |
| 59-50-7 | 4-Chloro-3-methyl phenol | ND | 160 | 31 | ug/kg | |
| 120-83-2 | 2,4-Dichlorophenol | ND | 160 | 51 | ug/kg | |
| 105-67-9 | 2,4-Dimethylphenol | ND | 160 | 53 | ug/kg | |
| 51-28-5 | 2,4-Dinitrophenol | ND | 630 | 38 | ug/kg | |
| 534-52-1 | 4,6-Dinitro-o-cresol | ND | 630 | 38 | ug/kg | |
| 95-48-7 | 2-Methylphenol | ND | 63 | 36 | ug/kg | |
| | 3&4-Methylphenol | ND | 63 | 40 | ug/kg | |
| 88-75-5 | 2-Nitrophenol | ND | 160 | 33 | ug/kg | |
| 100-02-7 | 4-Nitrophenol | ND | 310 | 53 | ug/kg | |
| 87-86-5 | Pentachlorophenol | ND | 310 | 54 | ug/kg | |
| 108-95-2 | Phenol | ND | 63 | 33 | ug/kg | |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | ND | 160 | 32 | ug/kg | |
| 95-95-4 | 2,4,5-Trichlorophenol | ND | 160 | 36 | ug/kg | |
| 88-06-2 | 2,4,6-Trichlorophenol | ND | 160 | 30 | ug/kg | |
| 83-32-9 | Acenaphthene | ND | 31 | 9.1 | ug/kg | |
| 208-96-8 | Acenaphthylene | ND | 31 | 10 | ug/kg | |
| 98-86-2 | Acetophenone | ND | 160 | 5.5 | ug/kg | |
| 120-12-7 | Anthracene | ND | 31 | 11 | ug/kg | |
| 1912-24-9 | Atrazine | ND | 63 | 6.2 | ug/kg | |
| 56-55-3 | Benzo(a)anthracene | ND | 31 | 10 | ug/kg | |
| 50-32-8 | Benzo(a)pyrene | ND | 31 | 9.6 | ug/kg | |
| 205-99-2 | Benzo(b)fluoranthene | ND | 31 | 10 | ug/kg | |
| 191-24-2 | Benzo(g,h,i)perylene | ND | 31 | 12 | ug/kg | |
| 207-08-9 | Benzo(k)fluoranthene | ND | 31 | 12 | ug/kg | |
| 101-55-3 | 4-Bromophenyl phenyl ether | ND | 63 | 11 | ug/kg | |
| 85-68-7 | Butyl benzyl phthalate | ND | 63 | 18 | ug/kg | |
| 92-52-4 | 1,1'-Biphenyl | ND | 63 | 3.6 | ug/kg | |
| 100-52-7 | Benzaldehyde | ND | 160 | 7.2 | ug/kg | |
| 91-58-7 | 2-Chloronaphthalene | ND | 63 | 9.7 | ug/kg | |
| 106-47-8 | 4-Chloroaniline | ND | 160 | 10 | ug/kg | |
| 86-74-8 | Carbazole | ND | 63 | 15 | ug/kg | |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | | | |
|-------------------|--|-----------------|----------|
| Client Sample ID: | SB-2 (48-50) | Date Sampled: | 01/14/14 |
| Lab Sample ID: | JB57666-2 | Date Received: | 01/14/14 |
| Matrix: | SO - Soil | Percent Solids: | 95.9 |
| Method: | SW846 8270D SW846 3550C | | |
| Project: | Flushing Commons, Union Street, Flushing, NY | | |

ABN TCL List (SOM0 2.0)

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|-----------------------------|--------|-----|-----|-------|---|
| 105-60-2 | Caprolactam | ND | 63 | 9.9 | ug/kg | |
| 218-01-9 | Chrysene | ND | 31 | 11 | ug/kg | |
| 111-91-1 | bis(2-Chloroethoxy)methane | ND | 63 | 13 | ug/kg | |
| 111-44-4 | bis(2-Chloroethyl)ether | ND | 63 | 9.5 | ug/kg | |
| 108-60-1 | bis(2-Chloroisopropyl)ether | ND | 63 | 9.3 | ug/kg | |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | ND | 63 | 9.5 | ug/kg | |
| 121-14-2 | 2,4-Dinitrotoluene | ND | 31 | 14 | ug/kg | |
| 606-20-2 | 2,6-Dinitrotoluene | ND | 31 | 12 | ug/kg | |
| 91-94-1 | 3,3'-Dichlorobenzidine | ND | 63 | 8.0 | ug/kg | |
| 123-91-1 | 1,4-Dioxane | ND | 31 | 20 | ug/kg | |
| 53-70-3 | Dibenzo(a,h)anthracene | ND | 31 | 11 | ug/kg | |
| 132-64-9 | Dibenzofuran | ND | 63 | 9.3 | ug/kg | |
| 84-74-2 | Di-n-butyl phthalate | ND | 63 | 7.0 | ug/kg | |
| 117-84-0 | Di-n-octyl phthalate | ND | 63 | 15 | ug/kg | |
| 84-66-2 | Diethyl phthalate | ND | 63 | 11 | ug/kg | |
| 131-11-3 | Dimethyl phthalate | ND | 63 | 11 | ug/kg | |
| 117-81-7 | bis(2-Ethylhexyl)phthalate | ND | 63 | 28 | ug/kg | |
| 206-44-0 | Fluoranthene | ND | 31 | 14 | ug/kg | |
| 86-73-7 | Fluorene | ND | 31 | 10 | ug/kg | |
| 118-74-1 | Hexachlorobenzene | ND | 63 | 10 | ug/kg | |
| 87-68-3 | Hexachlorobutadiene | ND | 31 | 8.7 | ug/kg | |
| 77-47-4 | Hexachlorocyclopentadiene | ND | 310 | 32 | ug/kg | |
| 67-72-1 | Hexachloroethane | ND | 160 | 8.7 | ug/kg | |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | ND | 31 | 11 | ug/kg | |
| 78-59-1 | Isophorone | ND | 63 | 8.4 | ug/kg | |
| 91-57-6 | 2-Methylnaphthalene | ND | 63 | 18 | ug/kg | |
| 88-74-4 | 2-Nitroaniline | ND | 160 | 14 | ug/kg | |
| 99-09-2 | 3-Nitroaniline | ND | 160 | 13 | ug/kg | |
| 100-01-6 | 4-Nitroaniline | ND | 160 | 12 | ug/kg | |
| 91-20-3 | Naphthalene | ND | 31 | 8.6 | ug/kg | |
| 98-95-3 | Nitrobenzene | ND | 63 | 9.1 | ug/kg | |
| 621-64-7 | N-Nitroso-di-n-propylamine | ND | 63 | 7.7 | ug/kg | |
| 86-30-6 | N-Nitrosodiphenylamine | ND | 160 | 19 | ug/kg | |
| 85-01-8 | Phenanthrene | ND | 31 | 14 | ug/kg | |
| 129-00-0 | Pyrene | ND | 31 | 12 | ug/kg | |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | ND | 160 | 9.6 | ug/kg | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|----------|----------------------|--------|--------|---------|
| 367-12-4 | 2-Fluorophenol | 90% | | 13-110% |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | |
|--|--------------------------------|
| Client Sample ID: SB-2 (48-50) | Date Sampled: 01/14/14 |
| Lab Sample ID: JB57666-2 | Date Received: 01/14/14 |
| Matrix: SO - Soil | Percent Solids: 95.9 |
| Method: SW846 8270D SW846 3550C | |
| Project: Flushing Commons, Union Street, Flushing, NY | |

ABN TCL List (SOM0 2.0)

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|-----------|----------------------|--------|--------|---------|
| 4165-62-2 | Phenol-d5 | 82% | | 15-110% |
| 118-79-6 | 2,4,6-Tribromophenol | 79% | | 20-123% |
| 4165-60-0 | Nitrobenzene-d5 | 83% | | 10-110% |
| 321-60-8 | 2-Fluorobiphenyl | 80% | | 17-110% |
| 1718-51-0 | Terphenyl-d14 | 89% | | 30-124% |

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

4.7
4

Report of Analysis

| | |
|---|-------------------------|
| Client Sample ID: SB-2 (48-50) | Date Sampled: 01/14/14 |
| Lab Sample ID: JB57666-2 | Date Received: 01/14/14 |
| Matrix: SO - Soil | Percent Solids: 95.9 |
| Method: SW846 8081B SW846 3546 | |
| Project: Flushing Commons, Union Street, Flushing, NY | |

| Run # | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|-----------|----|----------|----|-----------|------------|------------------|
| Run #1 | 4G40191.D | 1 | 01/16/14 | DG | 01/15/14 | OP72022 | G4G1003 |
| Run #2 | | | | | | | |

| Run # | Initial Weight | Final Volume |
|--------|----------------|--------------|
| Run #1 | 16.4 g | 1.0 ml |
| Run #2 | | |

Pesticide TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|---------------------|--------|-------|-------|-------|---|
| 309-00-2 | Aldrin | ND | 0.064 | 0.029 | ug/kg | |
| 319-84-6 | alpha-BHC | ND | 0.064 | 0.019 | ug/kg | |
| 319-85-7 | beta-BHC | ND | 0.064 | 0.040 | ug/kg | |
| 319-86-8 | delta-BHC | ND | 0.064 | 0.031 | ug/kg | |
| 58-89-9 | gamma-BHC (Lindane) | ND | 0.064 | 0.031 | ug/kg | |
| 5103-71-9 | alpha-Chlordane | ND | 0.064 | 0.024 | ug/kg | |
| 5103-74-2 | gamma-Chlordane | 0.14 | 0.064 | 0.044 | ug/kg | |
| 60-57-1 | Dieldrin | ND | 0.064 | 0.025 | ug/kg | |
| 72-54-8 | 4,4'-DDD | ND | 0.064 | 0.035 | ug/kg | |
| 72-55-9 | 4,4'-DDE | ND | 0.064 | 0.026 | ug/kg | |
| 50-29-3 | 4,4'-DDT | ND | 0.064 | 0.031 | ug/kg | |
| 72-20-8 | Endrin | ND | 0.064 | 0.021 | ug/kg | |
| 1031-07-8 | Endosulfan sulfate | ND | 0.064 | 0.027 | ug/kg | |
| 7421-93-4 | Endrin aldehyde | ND | 0.064 | 0.033 | ug/kg | |
| 959-98-8 | Endosulfan-I | ND | 0.064 | 0.024 | ug/kg | |
| 33213-65-9 | Endosulfan-II | ND | 0.064 | 0.038 | ug/kg | |
| 76-44-8 | Heptachlor | ND | 0.064 | 0.031 | ug/kg | |
| 1024-57-3 | Heptachlor epoxide | ND | 0.064 | 0.024 | ug/kg | |
| 72-43-5 | Methoxychlor | ND | 0.13 | 0.062 | ug/kg | |
| 53494-70-5 | Endrin ketone | ND | 0.064 | 0.026 | ug/kg | |
| 8001-35-2 | Toxaphene | ND | 1.6 | 0.80 | ug/kg | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|-----------|----------------------|--------|--------|---------|
| 877-09-8 | Tetrachloro-m-xylene | 94% | | 10-147% |
| 877-09-8 | Tetrachloro-m-xylene | 96% | | 10-147% |
| 2051-24-3 | Decachlorobiphenyl | 80% | | 10-154% |
| 2051-24-3 | Decachlorobiphenyl | 90% | | 10-154% |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | |
|---|--|
| Client Sample ID: SB-2 (48-50) Lab Sample ID: JB57666-2 Matrix: SO - Soil Method: SW846 8082A SW846 3546 Project: Flushing Commons, Union Street, Flushing, NY | Date Sampled: 01/14/14 Date Received: 01/14/14 Percent Solids: 95.9 |
|---|--|

| Run # | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|-----------|----|----------|----|-----------|------------|------------------|
| Run #1 | 2G90856.D | 1 | 01/17/14 | JP | 01/15/14 | OP72021 | G2G2887 |
| Run #2 | | | | | | | |

| Run # | Initial Weight | Final Volume |
|--------|----------------|--------------|
| Run #1 | 15.2 g | 1.0 ml |
| Run #2 | | |

PCB List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|--------------|--------|-----|------|-------|---|
| 12674-11-2 | Aroclor 1016 | ND | 3.4 | 0.89 | ug/kg | |
| 11104-28-2 | Aroclor 1221 | ND | 3.4 | 2.1 | ug/kg | |
| 11141-16-5 | Aroclor 1232 | ND | 3.4 | 1.7 | ug/kg | |
| 53469-21-9 | Aroclor 1242 | ND | 3.4 | 1.1 | ug/kg | |
| 12672-29-6 | Aroclor 1248 | ND | 3.4 | 1.0 | ug/kg | |
| 11097-69-1 | Aroclor 1254 | ND | 3.4 | 1.6 | ug/kg | |
| 11096-82-5 | Aroclor 1260 | ND | 3.4 | 1.1 | ug/kg | |
| 11100-14-4 | Aroclor 1268 | ND | 3.4 | 1.0 | ug/kg | |
| 37324-23-5 | Aroclor 1262 | ND | 3.4 | 1.1 | ug/kg | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|-----------|----------------------|--------|--------|---------|
| 877-09-8 | Tetrachloro-m-xylene | 103% | | 14-139% |
| 877-09-8 | Tetrachloro-m-xylene | 80% | | 14-139% |
| 2051-24-3 | Decachlorobiphenyl | 143% | | 10-155% |
| 2051-24-3 | Decachlorobiphenyl | 108% | | 10-155% |

ND = Not detected MDL - Method Detection Limit J = Indicates an estimated value
 RL = Reporting Limit B = Indicates analyte found in associated method blank
 E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

4.7
4

Report of Analysis

| | |
|---|-------------------------|
| Client Sample ID: SB-2 (48-50) | Date Sampled: 01/14/14 |
| Lab Sample ID: JB57666-2 | Date Received: 01/14/14 |
| Matrix: SO - Soil | Percent Solids: 95.9 |
| Project: Flushing Commons, Union Street, Flushing, NY | |

Metals Analysis

| Analyte | Result | RL | Units | DF | Prep | Analyzed By | Method | Prep Method |
|-----------|---------|-------|-------|----|----------|-------------|--------------------------|--------------------------|
| Aluminum | 5240 | 52 | mg/kg | 1 | 01/15/14 | 01/16/14 SM | SW846 6010C ² | SW846 3050B ³ |
| Antimony | < 2.1 | 2.1 | mg/kg | 1 | 01/15/14 | 01/16/14 SM | SW846 6010C ² | SW846 3050B ³ |
| Arsenic | < 2.1 | 2.1 | mg/kg | 1 | 01/15/14 | 01/16/14 SM | SW846 6010C ² | SW846 3050B ³ |
| Barium | 36.9 | 21 | mg/kg | 1 | 01/15/14 | 01/16/14 SM | SW846 6010C ² | SW846 3050B ³ |
| Beryllium | 0.88 | 0.21 | mg/kg | 1 | 01/15/14 | 01/16/14 SM | SW846 6010C ² | SW846 3050B ³ |
| Cadmium | < 0.52 | 0.52 | mg/kg | 1 | 01/15/14 | 01/16/14 SM | SW846 6010C ² | SW846 3050B ³ |
| Calcium | 1150 | 520 | mg/kg | 1 | 01/15/14 | 01/16/14 SM | SW846 6010C ² | SW846 3050B ³ |
| Chromium | 19.6 | 1.0 | mg/kg | 1 | 01/15/14 | 01/16/14 SM | SW846 6010C ² | SW846 3050B ³ |
| Cobalt | < 5.2 | 5.2 | mg/kg | 1 | 01/15/14 | 01/16/14 SM | SW846 6010C ² | SW846 3050B ³ |
| Copper | 9.5 | 2.6 | mg/kg | 1 | 01/15/14 | 01/16/14 SM | SW846 6010C ² | SW846 3050B ³ |
| Iron | 14600 | 52 | mg/kg | 1 | 01/15/14 | 01/16/14 SM | SW846 6010C ² | SW846 3050B ³ |
| Lead | 3.3 | 2.1 | mg/kg | 1 | 01/15/14 | 01/16/14 SM | SW846 6010C ² | SW846 3050B ³ |
| Magnesium | 1540 | 520 | mg/kg | 1 | 01/15/14 | 01/16/14 SM | SW846 6010C ² | SW846 3050B ³ |
| Manganese | 360 | 1.5 | mg/kg | 1 | 01/15/14 | 01/16/14 SM | SW846 6010C ² | SW846 3050B ³ |
| Mercury | < 0.034 | 0.034 | mg/kg | 1 | 01/15/14 | 01/15/14 DP | SW846 7471B ¹ | SW846 7471B ⁴ |
| Nickel | 11.3 | 4.1 | mg/kg | 1 | 01/15/14 | 01/16/14 SM | SW846 6010C ² | SW846 3050B ³ |
| Potassium | 1020 | 1000 | mg/kg | 1 | 01/15/14 | 01/16/14 SM | SW846 6010C ² | SW846 3050B ³ |
| Selenium | < 2.1 | 2.1 | mg/kg | 1 | 01/15/14 | 01/16/14 SM | SW846 6010C ² | SW846 3050B ³ |
| Silver | 0.65 | 0.52 | mg/kg | 1 | 01/15/14 | 01/16/14 SM | SW846 6010C ² | SW846 3050B ³ |
| Sodium | < 1000 | 1000 | mg/kg | 1 | 01/15/14 | 01/16/14 SM | SW846 6010C ² | SW846 3050B ³ |
| Thallium | < 1.0 | 1.0 | mg/kg | 1 | 01/15/14 | 01/16/14 SM | SW846 6010C ² | SW846 3050B ³ |
| Vanadium | 32.9 | 5.2 | mg/kg | 1 | 01/15/14 | 01/16/14 SM | SW846 6010C ² | SW846 3050B ³ |
| Zinc | 16.6 | 2.1 | mg/kg | 1 | 01/15/14 | 01/16/14 SM | SW846 6010C ² | SW846 3050B ³ |

(1) Instrument QC Batch: MA33071

(2) Instrument QC Batch: MA33072

(3) Prep QC Batch: MP77214

(4) Prep QC Batch: MP77217

RL = Reporting Limit

Report of Analysis

| | |
|---|-------------------------|
| Client Sample ID: SB-8 (0-2) | Date Sampled: 01/15/14 |
| Lab Sample ID: JB57834-1 | Date Received: 01/15/14 |
| Matrix: SO - Soil | Percent Solids: 95.3 |
| Method: SW846 8260C SW846 5035 | |
| Project: Flushing Commons, Union Street, Flushing, NY | |

| Run #1 | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|-----------|----|----------|-----|----------------|------------|------------------|
| Run #2 | I191772.D | 1 | 01/16/14 | SJM | 01/16/14 11:00 | n/a | VI7747 |

| Run #1 | Initial Weight |
|--------|----------------|
| Run #2 | 5.4 g |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|-----------------------------|--------|------|------|-------|---|
| 67-64-1 | Acetone | ND | 9.7 | 4.4 | ug/kg | |
| 71-43-2 | Benzene | ND | 0.97 | 0.12 | ug/kg | |
| 74-97-5 | Bromochloromethane | ND | 4.9 | 0.50 | ug/kg | |
| 75-27-4 | Bromodichloromethane | ND | 4.9 | 0.27 | ug/kg | |
| 75-25-2 | Bromoform | ND | 4.9 | 0.25 | ug/kg | |
| 74-83-9 | Bromomethane | ND | 4.9 | 0.47 | ug/kg | |
| 78-93-3 | 2-Butanone (MEK) | ND | 9.7 | 4.3 | ug/kg | |
| 75-15-0 | Carbon disulfide | ND | 4.9 | 0.14 | ug/kg | |
| 56-23-5 | Carbon tetrachloride | ND | 4.9 | 0.24 | ug/kg | |
| 108-90-7 | Chlorobenzene | ND | 4.9 | 0.19 | ug/kg | |
| 75-00-3 | Chloroethane | ND | 4.9 | 0.97 | ug/kg | |
| 67-66-3 | Chloroform | ND | 4.9 | 0.25 | ug/kg | |
| 74-87-3 | Chloromethane | ND | 4.9 | 0.33 | ug/kg | |
| 110-82-7 | Cyclohexane | ND | 4.9 | 0.25 | ug/kg | |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ND | 9.7 | 1.3 | ug/kg | |
| 124-48-1 | Dibromochloromethane | ND | 4.9 | 0.24 | ug/kg | |
| 106-93-4 | 1,2-Dibromoethane | ND | 0.97 | 0.53 | ug/kg | |
| 95-50-1 | 1,2-Dichlorobenzene | ND | 4.9 | 0.33 | ug/kg | |
| 541-73-1 | 1,3-Dichlorobenzene | ND | 4.9 | 0.21 | ug/kg | |
| 106-46-7 | 1,4-Dichlorobenzene | ND | 4.9 | 0.24 | ug/kg | |
| 75-71-8 | Dichlorodifluoromethane | ND | 4.9 | 0.34 | ug/kg | |
| 75-34-3 | 1,1-Dichloroethane | ND | 4.9 | 0.31 | ug/kg | |
| 107-06-2 | 1,2-Dichloroethane | ND | 0.97 | 0.31 | ug/kg | |
| 75-35-4 | 1,1-Dichloroethene | ND | 4.9 | 0.28 | ug/kg | |
| 156-59-2 | cis-1,2-Dichloroethene | ND | 4.9 | 0.20 | ug/kg | |
| 156-60-5 | trans-1,2-Dichloroethene | ND | 4.9 | 0.41 | ug/kg | |
| 78-87-5 | 1,2-Dichloropropane | ND | 4.9 | 0.42 | ug/kg | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 4.9 | 0.22 | ug/kg | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 4.9 | 0.26 | ug/kg | |
| 100-41-4 | Ethylbenzene | ND | 0.97 | 0.17 | ug/kg | |
| 76-13-1 | Freon 113 | ND | 4.9 | 0.42 | ug/kg | |
| 591-78-6 | 2-Hexanone | ND | 4.9 | 1.7 | ug/kg | |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | | | |
|-------------------|--|-----------------|----------|
| Client Sample ID: | SB-8 (0-2) | Date Sampled: | 01/15/14 |
| Lab Sample ID: | JB57834-1 | Date Received: | 01/15/14 |
| Matrix: | SO - Soil | Percent Solids: | 95.3 |
| Method: | SW846 8260C SW846 5035 | | |
| Project: | Flushing Commons, Union Street, Flushing, NY | | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|----------------------------|--------|------|------|-------|---|
| 98-82-8 | Isopropylbenzene | ND | 4.9 | 0.14 | ug/kg | |
| 79-20-9 | Methyl Acetate | ND | 4.9 | 1.6 | ug/kg | |
| 108-87-2 | Methylcyclohexane | ND | 4.9 | 0.16 | ug/kg | |
| 1634-04-4 | Methyl Tert Butyl Ether | ND | 0.97 | 0.33 | ug/kg | |
| 108-10-1 | 4-Methyl-2-pentanone(MIBK) | ND | 4.9 | 1.3 | ug/kg | |
| 75-09-2 | Methylene chloride | ND | 4.9 | 1.7 | ug/kg | |
| 100-42-5 | Styrene | ND | 4.9 | 0.23 | ug/kg | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 4.9 | 0.33 | ug/kg | |
| 127-18-4 | Tetrachloroethene | ND | 4.9 | 0.40 | ug/kg | |
| 108-88-3 | Toluene | ND | 0.97 | 0.14 | ug/kg | |
| 87-61-6 | 1,2,3-Trichlorobenzene | ND | 4.9 | 0.20 | ug/kg | |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | 4.9 | 0.18 | ug/kg | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 4.9 | 0.28 | ug/kg | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 4.9 | 0.80 | ug/kg | |
| 79-01-6 | Trichloroethene | ND | 4.9 | 0.34 | ug/kg | |
| 75-69-4 | Trichlorofluoromethane | ND | 4.9 | 0.22 | ug/kg | |
| 75-01-4 | Vinyl chloride | ND | 4.9 | 0.33 | ug/kg | |
| | m,p-Xylene | ND | 0.97 | 0.47 | ug/kg | |
| 95-47-6 | o-Xylene | ND | 0.97 | 0.17 | ug/kg | |
| 1330-20-7 | Xylene (total) | ND | 0.97 | 0.17 | ug/kg | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|------------|-----------------------|--------|--------|---------|
| 1868-53-7 | Dibromofluoromethane | 94% | | 59-130% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 104% | | 65-123% |
| 2037-26-5 | Toluene-D8 | 92% | | 80-124% |
| 460-00-4 | 4-Bromofluorobenzene | 103% | | 71-132% |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | | | |
|-------------------|--|-----------------|----------|
| Client Sample ID: | SB-8 (0-2) | Date Sampled: | 01/15/14 |
| Lab Sample ID: | JB57834-1 | Date Received: | 01/15/14 |
| Matrix: | SO - Soil | Percent Solids: | 95.3 |
| Method: | SW846 8270D SW846 3550C | | |
| Project: | Flushing Commons, Union Street, Flushing, NY | | |

| Run #1 | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|----------|----|----------|-----|-----------|------------|------------------|
| Run #2 | Z88138.D | 1 | 01/16/14 | ALS | 01/16/14 | OP72054 | EZ4400 |

| Run #1 | Initial Weight | Final Volume |
|--------|----------------|--------------|
| Run #2 | 32.7 g | 1.0 ml |

ABN TCL List (SOM0 2.0)

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|----------------------------|--------|-----|-----|-------|---|
| 95-57-8 | 2-Chlorophenol | ND | 64 | 32 | ug/kg | |
| 59-50-7 | 4-Chloro-3-methyl phenol | ND | 160 | 32 | ug/kg | |
| 120-83-2 | 2,4-Dichlorophenol | ND | 160 | 52 | ug/kg | |
| 105-67-9 | 2,4-Dimethylphenol | ND | 160 | 54 | ug/kg | |
| 51-28-5 | 2,4-Dinitrophenol | ND | 640 | 39 | ug/kg | |
| 534-52-1 | 4,6-Dinitro-o-cresol | ND | 640 | 39 | ug/kg | |
| 95-48-7 | 2-Methylphenol | ND | 64 | 37 | ug/kg | |
| | 3&4-Methylphenol | ND | 64 | 41 | ug/kg | |
| 88-75-5 | 2-Nitrophenol | ND | 160 | 34 | ug/kg | |
| 100-02-7 | 4-Nitrophenol | ND | 320 | 54 | ug/kg | |
| 87-86-5 | Pentachlorophenol | ND | 320 | 55 | ug/kg | |
| 108-95-2 | Phenol | ND | 64 | 34 | ug/kg | |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | ND | 160 | 33 | ug/kg | |
| 95-95-4 | 2,4,5-Trichlorophenol | ND | 160 | 37 | ug/kg | |
| 88-06-2 | 2,4,6-Trichlorophenol | ND | 160 | 30 | ug/kg | |
| 83-32-9 | Acenaphthene | ND | 32 | 9.3 | ug/kg | |
| 208-96-8 | Acenaphthylene | ND | 32 | 10 | ug/kg | |
| 98-86-2 | Acetophenone | ND | 160 | 5.6 | ug/kg | |
| 120-12-7 | Anthracene | ND | 32 | 11 | ug/kg | |
| 1912-24-9 | Atrazine | ND | 64 | 6.3 | ug/kg | |
| 56-55-3 | Benzo(a)anthracene | ND | 32 | 10 | ug/kg | |
| 50-32-8 | Benzo(a)pyrene | ND | 32 | 9.8 | ug/kg | |
| 205-99-2 | Benzo(b)fluoranthene | ND | 32 | 11 | ug/kg | |
| 191-24-2 | Benzo(g,h,i)perylene | ND | 32 | 12 | ug/kg | |
| 207-08-9 | Benzo(k)fluoranthene | ND | 32 | 12 | ug/kg | |
| 101-55-3 | 4-Bromophenyl phenyl ether | ND | 64 | 12 | ug/kg | |
| 85-68-7 | Butyl benzyl phthalate | ND | 64 | 19 | ug/kg | |
| 92-52-4 | 1,1'-Biphenyl | ND | 64 | 3.7 | ug/kg | |
| 100-52-7 | Benzaldehyde | ND | 160 | 7.4 | ug/kg | |
| 91-58-7 | 2-Chloronaphthalene | ND | 64 | 9.9 | ug/kg | |
| 106-47-8 | 4-Chloroaniline | ND | 160 | 10 | ug/kg | |
| 86-74-8 | Carbazole | ND | 64 | 15 | ug/kg | |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | | | |
|-------------------|--|-----------------|----------|
| Client Sample ID: | SB-8 (0-2) | Date Sampled: | 01/15/14 |
| Lab Sample ID: | JB57834-1 | Date Received: | 01/15/14 |
| Matrix: | SO - Soil | Percent Solids: | 95.3 |
| Method: | SW846 8270D SW846 3550C | | |
| Project: | Flushing Commons, Union Street, Flushing, NY | | |

ABN TCL List (SOM0 2.0)

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|-----------------------------|--------|-----|-----|-------|---|
| 105-60-2 | Caprolactam | ND | 64 | 10 | ug/kg | |
| 218-01-9 | Chrysene | ND | 32 | 11 | ug/kg | |
| 111-91-1 | bis(2-Chloroethoxy)methane | ND | 64 | 13 | ug/kg | |
| 111-44-4 | bis(2-Chloroethyl)ether | ND | 64 | 9.7 | ug/kg | |
| 108-60-1 | bis(2-Chloroisopropyl)ether | ND | 64 | 9.5 | ug/kg | |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | ND | 64 | 9.7 | ug/kg | |
| 121-14-2 | 2,4-Dinitrotoluene | ND | 32 | 14 | ug/kg | |
| 606-20-2 | 2,6-Dinitrotoluene | ND | 32 | 12 | ug/kg | |
| 91-94-1 | 3,3'-Dichlorobenzidine | ND | 64 | 8.2 | ug/kg | |
| 123-91-1 | 1,4-Dioxane | ND | 32 | 21 | ug/kg | |
| 53-70-3 | Dibenzo(a,h)anthracene | ND | 32 | 11 | ug/kg | |
| 132-64-9 | Dibenzofuran | ND | 64 | 9.5 | ug/kg | |
| 84-74-2 | Di-n-butyl phthalate | ND | 64 | 7.1 | ug/kg | |
| 117-84-0 | Di-n-octyl phthalate | ND | 64 | 16 | ug/kg | |
| 84-66-2 | Diethyl phthalate | ND | 64 | 11 | ug/kg | |
| 131-11-3 | Dimethyl phthalate | ND | 64 | 11 | ug/kg | |
| 117-81-7 | bis(2-Ethylhexyl)phthalate | ND | 64 | 28 | ug/kg | |
| 206-44-0 | Fluoranthene | ND | 32 | 14 | ug/kg | |
| 86-73-7 | Fluorene | ND | 32 | 11 | ug/kg | |
| 118-74-1 | Hexachlorobenzene | ND | 64 | 10 | ug/kg | |
| 87-68-3 | Hexachlorobutadiene | ND | 32 | 8.9 | ug/kg | |
| 77-47-4 | Hexachlorocyclopentadiene | ND | 320 | 33 | ug/kg | |
| 67-72-1 | Hexachloroethane | ND | 160 | 8.9 | ug/kg | |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | ND | 32 | 11 | ug/kg | |
| 78-59-1 | Isophorone | ND | 64 | 8.6 | ug/kg | |
| 91-57-6 | 2-Methylnaphthalene | ND | 64 | 18 | ug/kg | |
| 88-74-4 | 2-Nitroaniline | ND | 160 | 14 | ug/kg | |
| 99-09-2 | 3-Nitroaniline | ND | 160 | 13 | ug/kg | |
| 100-01-6 | 4-Nitroaniline | ND | 160 | 13 | ug/kg | |
| 91-20-3 | Naphthalene | ND | 32 | 8.8 | ug/kg | |
| 98-95-3 | Nitrobenzene | ND | 64 | 9.3 | ug/kg | |
| 621-64-7 | N-Nitroso-di-n-propylamine | ND | 64 | 7.8 | ug/kg | |
| 86-30-6 | N-Nitrosodiphenylamine | ND | 160 | 19 | ug/kg | |
| 85-01-8 | Phenanthrene | ND | 32 | 15 | ug/kg | |
| 129-00-0 | Pyrene | ND | 32 | 12 | ug/kg | |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | ND | 160 | 9.9 | ug/kg | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|----------|----------------------|--------|--------|---------|
| 367-12-4 | 2-Fluorophenol | 82% | | 13-110% |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | |
|---|-------------------------|
| Client Sample ID: SB-8 (0-2) | Date Sampled: 01/15/14 |
| Lab Sample ID: JB57834-1 | Date Received: 01/15/14 |
| Matrix: SO - Soil | Percent Solids: 95.3 |
| Method: SW846 8270D SW846 3550C | |
| Project: Flushing Commons, Union Street, Flushing, NY | |

ABN TCL List (SOM0 2.0)

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|-----------|----------------------|--------|--------|---------|
| 4165-62-2 | Phenol-d5 | 72% | | 15-110% |
| 118-79-6 | 2,4,6-Tribromophenol | 82% | | 20-123% |
| 4165-60-0 | Nitrobenzene-d5 | 71% | | 10-110% |
| 321-60-8 | 2-Fluorobiphenyl | 69% | | 17-110% |
| 1718-51-0 | Terphenyl-d14 | 90% | | 30-124% |

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

| | |
|---|-------------------------|
| Client Sample ID: SB-8 (0-2) | Date Sampled: 01/15/14 |
| Lab Sample ID: JB57834-1 | Date Received: 01/15/14 |
| Matrix: SO - Soil | Percent Solids: 95.3 |
| Method: SW846 8081B SW846 3546 | |
| Project: Flushing Commons, Union Street, Flushing, NY | |

| Run # | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|-----------|----|----------|----|-----------|------------|------------------|
| Run #1 | 4G40245.D | 1 | 01/17/14 | DG | 01/16/14 | OP72052 | G4G1004 |
| Run #2 | | | | | | | |

| Run # | Initial Weight | Final Volume |
|--------|----------------|--------------|
| Run #1 | 16.2 g | 1.0 ml |
| Run #2 | | |

Pesticide TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|---------------------|--------|-------|-------|-------|---|
| 309-00-2 | Aldrin | ND | 0.065 | 0.030 | ug/kg | |
| 319-84-6 | alpha-BHC | ND | 0.065 | 0.019 | ug/kg | |
| 319-85-7 | beta-BHC | ND | 0.065 | 0.040 | ug/kg | |
| 319-86-8 | delta-BHC | ND | 0.065 | 0.032 | ug/kg | |
| 58-89-9 | gamma-BHC (Lindane) | ND | 0.065 | 0.032 | ug/kg | |
| 5103-71-9 | alpha-Chlordane | ND | 0.065 | 0.024 | ug/kg | |
| 5103-74-2 | gamma-Chlordane | ND | 0.065 | 0.045 | ug/kg | |
| 60-57-1 | Dieldrin | ND | 0.065 | 0.025 | ug/kg | |
| 72-54-8 | 4,4'-DDD | ND | 0.065 | 0.035 | ug/kg | |
| 72-55-9 | 4,4'-DDE | ND | 0.065 | 0.026 | ug/kg | |
| 50-29-3 | 4,4'-DDT | ND | 0.065 | 0.032 | ug/kg | |
| 72-20-8 | Endrin | ND | 0.065 | 0.021 | ug/kg | |
| 1031-07-8 | Endosulfan sulfate | ND | 0.065 | 0.028 | ug/kg | |
| 7421-93-4 | Endrin aldehyde | ND | 0.065 | 0.034 | ug/kg | |
| 959-98-8 | Endosulfan-I | ND | 0.065 | 0.025 | ug/kg | |
| 33213-65-9 | Endosulfan-II | ND | 0.065 | 0.039 | ug/kg | |
| 76-44-8 | Heptachlor | ND | 0.065 | 0.032 | ug/kg | |
| 1024-57-3 | Heptachlor epoxide | ND | 0.065 | 0.024 | ug/kg | |
| 72-43-5 | Methoxychlor | ND | 0.13 | 0.063 | ug/kg | |
| 53494-70-5 | Endrin ketone | ND | 0.065 | 0.026 | ug/kg | |
| 8001-35-2 | Toxaphene | ND | 1.6 | 0.82 | ug/kg | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|-----------|----------------------|--------|--------|---------|
| 877-09-8 | Tetrachloro-m-xylene | 65% | | 10-147% |
| 877-09-8 | Tetrachloro-m-xylene | 66% | | 10-147% |
| 2051-24-3 | Decachlorobiphenyl | 52% | | 10-154% |
| 2051-24-3 | Decachlorobiphenyl | 58% | | 10-154% |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | |
|---|-------------------------|
| Client Sample ID: SB-8 (0-2) | Date Sampled: 01/15/14 |
| Lab Sample ID: JB57834-1 | Date Received: 01/15/14 |
| Matrix: SO - Soil | Percent Solids: 95.3 |
| Project: Flushing Commons, Union Street, Flushing, NY | |

Metals Analysis

| Analyte | Result | RL | Units | DF | Prep | Analyzed By | Method | Prep Method |
|-----------|---------|-------|-------|----|----------|-------------|-----------------------------|--------------------------|
| Aluminum | 8640 | 52 | mg/kg | 1 | 01/16/14 | 01/21/14 | ND SW846 6010C ³ | SW846 3050B ⁴ |
| Antimony | < 2.1 | 2.1 | mg/kg | 1 | 01/16/14 | 01/17/14 | ND SW846 6010C ² | SW846 3050B ⁴ |
| Arsenic | < 2.1 | 2.1 | mg/kg | 1 | 01/16/14 | 01/17/14 | ND SW846 6010C ² | SW846 3050B ⁴ |
| Barium | 42.9 | 21 | mg/kg | 1 | 01/16/14 | 01/21/14 | ND SW846 6010C ³ | SW846 3050B ⁴ |
| Beryllium | 0.42 | 0.21 | mg/kg | 1 | 01/16/14 | 01/21/14 | ND SW846 6010C ³ | SW846 3050B ⁴ |
| Cadmium | < 0.52 | 0.52 | mg/kg | 1 | 01/16/14 | 01/17/14 | ND SW846 6010C ² | SW846 3050B ⁴ |
| Calcium | 599 | 520 | mg/kg | 1 | 01/16/14 | 01/21/14 | ND SW846 6010C ³ | SW846 3050B ⁴ |
| Chromium | 17.7 | 1.0 | mg/kg | 1 | 01/16/14 | 01/21/14 | ND SW846 6010C ³ | SW846 3050B ⁴ |
| Cobalt | 6.5 | 5.2 | mg/kg | 1 | 01/16/14 | 01/17/14 | ND SW846 6010C ² | SW846 3050B ⁴ |
| Copper | 14.6 | 2.6 | mg/kg | 1 | 01/16/14 | 01/21/14 | ND SW846 6010C ³ | SW846 3050B ⁴ |
| Iron | 14900 | 52 | mg/kg | 1 | 01/16/14 | 01/21/14 | ND SW846 6010C ³ | SW846 3050B ⁴ |
| Lead | 3.9 | 2.1 | mg/kg | 1 | 01/16/14 | 01/17/14 | ND SW846 6010C ² | SW846 3050B ⁴ |
| Magnesium | 1970 | 520 | mg/kg | 1 | 01/16/14 | 01/21/14 | ND SW846 6010C ³ | SW846 3050B ⁴ |
| Manganese | 363 | 1.6 | mg/kg | 1 | 01/16/14 | 01/21/14 | ND SW846 6010C ³ | SW846 3050B ⁴ |
| Mercury | < 0.032 | 0.032 | mg/kg | 1 | 01/17/14 | 01/17/14 | DP SW846 7471B ¹ | SW846 7471B ⁵ |
| Nickel | 18.5 | 4.2 | mg/kg | 1 | 01/16/14 | 01/17/14 | ND SW846 6010C ² | SW846 3050B ⁴ |
| Potassium | 1240 | 1000 | mg/kg | 1 | 01/16/14 | 01/21/14 | ND SW846 6010C ³ | SW846 3050B ⁴ |
| Selenium | < 2.1 | 2.1 | mg/kg | 1 | 01/16/14 | 01/17/14 | ND SW846 6010C ² | SW846 3050B ⁴ |
| Silver | < 0.52 | 0.52 | mg/kg | 1 | 01/16/14 | 01/21/14 | ND SW846 6010C ³ | SW846 3050B ⁴ |
| Sodium | < 1000 | 1000 | mg/kg | 1 | 01/16/14 | 01/21/14 | ND SW846 6010C ³ | SW846 3050B ⁴ |
| Thallium | < 1.0 | 1.0 | mg/kg | 1 | 01/16/14 | 01/17/14 | ND SW846 6010C ² | SW846 3050B ⁴ |
| Vanadium | 23.8 | 5.2 | mg/kg | 1 | 01/16/14 | 01/21/14 | ND SW846 6010C ³ | SW846 3050B ⁴ |
| Zinc | 22.1 | 2.1 | mg/kg | 1 | 01/16/14 | 01/17/14 | ND SW846 6010C ² | SW846 3050B ⁴ |

- (1) Instrument QC Batch: MA33090
- (2) Instrument QC Batch: MA33099
- (3) Instrument QC Batch: MA33117
- (4) Prep QC Batch: MP77247
- (5) Prep QC Batch: MP77269

RL = Reporting Limit

Report of Analysis

| | |
|---|--|
| Client Sample ID: SB-8 (49-51) Lab Sample ID: JB57834-2 Matrix: SO - Soil Method: SW846 8260C SW846 5035 Project: Flushing Commons, Union Street, Flushing, NY | Date Sampled: 01/15/14 Date Received: 01/15/14 Percent Solids: 98.2 |
|---|--|

| Run #1 | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|-----------|----|----------|-----|----------------|------------|------------------|
| Run #2 | I191773.D | 1 | 01/16/14 | SJM | 01/16/14 11:00 | n/a | VI7747 |

| Run #1 | Initial Weight |
|--------|----------------|
| Run #2 | 4.7 g |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|-----------------------------|--------|-----|------|-------|---|
| 67-64-1 | Acetone | ND | 11 | 4.9 | ug/kg | |
| 71-43-2 | Benzene | ND | 1.1 | 0.14 | ug/kg | |
| 74-97-5 | Bromochloromethane | ND | 5.4 | 0.56 | ug/kg | |
| 75-27-4 | Bromodichloromethane | ND | 5.4 | 0.30 | ug/kg | |
| 75-25-2 | Bromoform | ND | 5.4 | 0.28 | ug/kg | |
| 74-83-9 | Bromomethane | ND | 5.4 | 0.52 | ug/kg | |
| 78-93-3 | 2-Butanone (MEK) | ND | 11 | 4.8 | ug/kg | |
| 75-15-0 | Carbon disulfide | ND | 5.4 | 0.15 | ug/kg | |
| 56-23-5 | Carbon tetrachloride | ND | 5.4 | 0.27 | ug/kg | |
| 108-90-7 | Chlorobenzene | ND | 5.4 | 0.21 | ug/kg | |
| 75-00-3 | Chloroethane | ND | 5.4 | 1.1 | ug/kg | |
| 67-66-3 | Chloroform | ND | 5.4 | 0.28 | ug/kg | |
| 74-87-3 | Chloromethane | ND | 5.4 | 0.37 | ug/kg | |
| 110-82-7 | Cyclohexane | ND | 5.4 | 0.28 | ug/kg | |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ND | 11 | 1.4 | ug/kg | |
| 124-48-1 | Dibromochloromethane | ND | 5.4 | 0.26 | ug/kg | |
| 106-93-4 | 1,2-Dibromoethane | ND | 1.1 | 0.59 | ug/kg | |
| 95-50-1 | 1,2-Dichlorobenzene | ND | 5.4 | 0.37 | ug/kg | |
| 541-73-1 | 1,3-Dichlorobenzene | ND | 5.4 | 0.24 | ug/kg | |
| 106-46-7 | 1,4-Dichlorobenzene | ND | 5.4 | 0.27 | ug/kg | |
| 75-71-8 | Dichlorodifluoromethane | ND | 5.4 | 0.38 | ug/kg | |
| 75-34-3 | 1,1-Dichloroethane | ND | 5.4 | 0.34 | ug/kg | |
| 107-06-2 | 1,2-Dichloroethane | ND | 1.1 | 0.35 | ug/kg | |
| 75-35-4 | 1,1-Dichloroethene | ND | 5.4 | 0.31 | ug/kg | |
| 156-59-2 | cis-1,2-Dichloroethene | ND | 5.4 | 0.22 | ug/kg | |
| 156-60-5 | trans-1,2-Dichloroethene | ND | 5.4 | 0.46 | ug/kg | |
| 78-87-5 | 1,2-Dichloropropane | ND | 5.4 | 0.47 | ug/kg | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 5.4 | 0.25 | ug/kg | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 5.4 | 0.29 | ug/kg | |
| 100-41-4 | Ethylbenzene | ND | 1.1 | 0.19 | ug/kg | |
| 76-13-1 | Freon 113 | ND | 5.4 | 0.47 | ug/kg | |
| 591-78-6 | 2-Hexanone | ND | 5.4 | 1.9 | ug/kg | |

ND = Not detected MDL - Method Detection Limit J = Indicates an estimated value
 RL = Reporting Limit B = Indicates analyte found in associated method blank
 E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

4.9
4

Report of Analysis

| | | | |
|-------------------|--|-----------------|----------|
| Client Sample ID: | SB-8 (49-51) | Date Sampled: | 01/15/14 |
| Lab Sample ID: | JB57834-2 | Date Received: | 01/15/14 |
| Matrix: | SO - Soil | Percent Solids: | 98.2 |
| Method: | SW846 8260C SW846 5035 | | |
| Project: | Flushing Commons, Union Street, Flushing, NY | | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|----------------------------|--------|-----|------|-------|---|
| 98-82-8 | Isopropylbenzene | ND | 5.4 | 0.16 | ug/kg | |
| 79-20-9 | Methyl Acetate | ND | 5.4 | 1.8 | ug/kg | |
| 108-87-2 | Methylcyclohexane | ND | 5.4 | 0.18 | ug/kg | |
| 1634-04-4 | Methyl Tert Butyl Ether | ND | 1.1 | 0.37 | ug/kg | |
| 108-10-1 | 4-Methyl-2-pentanone(MIBK) | ND | 5.4 | 1.4 | ug/kg | |
| 75-09-2 | Methylene chloride | ND | 5.4 | 1.8 | ug/kg | |
| 100-42-5 | Styrene | 1.2 | 5.4 | 0.25 | ug/kg | J |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 5.4 | 0.37 | ug/kg | |
| 127-18-4 | Tetrachloroethene | 0.70 | 5.4 | 0.44 | ug/kg | J |
| 108-88-3 | Toluene | ND | 1.1 | 0.15 | ug/kg | |
| 87-61-6 | 1,2,3-Trichlorobenzene | ND | 5.4 | 0.22 | ug/kg | |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | 5.4 | 0.20 | ug/kg | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 5.4 | 0.31 | ug/kg | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 5.4 | 0.89 | ug/kg | |
| 79-01-6 | Trichloroethene | ND | 5.4 | 0.38 | ug/kg | |
| 75-69-4 | Trichlorofluoromethane | ND | 5.4 | 0.24 | ug/kg | |
| 75-01-4 | Vinyl chloride | ND | 5.4 | 0.37 | ug/kg | |
| | m,p-Xylene | ND | 1.1 | 0.52 | ug/kg | |
| 95-47-6 | o-Xylene | ND | 1.1 | 0.19 | ug/kg | |
| 1330-20-7 | Xylene (total) | ND | 1.1 | 0.19 | ug/kg | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|------------|-----------------------|--------|--------|---------|
| 1868-53-7 | Dibromofluoromethane | 94% | | 59-130% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 109% | | 65-123% |
| 2037-26-5 | Toluene-D8 | 93% | | 80-124% |
| 460-00-4 | 4-Bromofluorobenzene | 104% | | 71-132% |

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

| | |
|---|-------------------------|
| Client Sample ID: SB-8 (49-51) | Date Sampled: 01/15/14 |
| Lab Sample ID: JB57834-2 | Date Received: 01/15/14 |
| Matrix: SO - Soil | Percent Solids: 98.2 |
| Method: SW846 8270D SW846 3550C | |
| Project: Flushing Commons, Union Street, Flushing, NY | |

| Run #1 | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|----------|----|----------|-----|-----------|------------|------------------|
| Run #2 | Z88139.D | 1 | 01/17/14 | ALS | 01/16/14 | OP72054 | EZ4400 |

| Run #1 | Initial Weight | Final Volume |
|--------|----------------|--------------|
| Run #2 | 35.7 g | 1.0 ml |

ABN TCL List (SOM0 2.0)

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|----------------------------|--------|-----|-----|-------|---|
| 95-57-8 | 2-Chlorophenol | ND | 57 | 29 | ug/kg | |
| 59-50-7 | 4-Chloro-3-methyl phenol | ND | 140 | 29 | ug/kg | |
| 120-83-2 | 2,4-Dichlorophenol | ND | 140 | 46 | ug/kg | |
| 105-67-9 | 2,4-Dimethylphenol | ND | 140 | 48 | ug/kg | |
| 51-28-5 | 2,4-Dinitrophenol | ND | 570 | 35 | ug/kg | |
| 534-52-1 | 4,6-Dinitro-o-cresol | ND | 570 | 35 | ug/kg | |
| 95-48-7 | 2-Methylphenol | ND | 57 | 33 | ug/kg | |
| | 3&4-Methylphenol | ND | 57 | 36 | ug/kg | |
| 88-75-5 | 2-Nitrophenol | ND | 140 | 30 | ug/kg | |
| 100-02-7 | 4-Nitrophenol | ND | 290 | 48 | ug/kg | |
| 87-86-5 | Pentachlorophenol | ND | 290 | 49 | ug/kg | |
| 108-95-2 | Phenol | ND | 57 | 30 | ug/kg | |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | ND | 140 | 29 | ug/kg | |
| 95-95-4 | 2,4,5-Trichlorophenol | ND | 140 | 33 | ug/kg | |
| 88-06-2 | 2,4,6-Trichlorophenol | ND | 140 | 27 | ug/kg | |
| 83-32-9 | Acenaphthene | ND | 29 | 8.3 | ug/kg | |
| 208-96-8 | Acenaphthylene | ND | 29 | 9.1 | ug/kg | |
| 98-86-2 | Acetophenone | ND | 140 | 5.0 | ug/kg | |
| 120-12-7 | Anthracene | ND | 29 | 10 | ug/kg | |
| 1912-24-9 | Atrazine | ND | 57 | 5.6 | ug/kg | |
| 56-55-3 | Benzo(a)anthracene | ND | 29 | 9.3 | ug/kg | |
| 50-32-8 | Benzo(a)pyrene | ND | 29 | 8.7 | ug/kg | |
| 205-99-2 | Benzo(b)fluoranthene | ND | 29 | 9.5 | ug/kg | |
| 191-24-2 | Benzo(g,h,i)perylene | ND | 29 | 11 | ug/kg | |
| 207-08-9 | Benzo(k)fluoranthene | ND | 29 | 11 | ug/kg | |
| 101-55-3 | 4-Bromophenyl phenyl ether | ND | 57 | 10 | ug/kg | |
| 85-68-7 | Butyl benzyl phthalate | ND | 57 | 17 | ug/kg | |
| 92-52-4 | 1,1'-Biphenyl | ND | 57 | 3.3 | ug/kg | |
| 100-52-7 | Benzaldehyde | ND | 140 | 6.6 | ug/kg | |
| 91-58-7 | 2-Chloronaphthalene | ND | 57 | 8.8 | ug/kg | |
| 106-47-8 | 4-Chloroaniline | ND | 140 | 9.1 | ug/kg | |
| 86-74-8 | Carbazole | ND | 57 | 13 | ug/kg | |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | | | |
|-------------------|--|-----------------|----------|
| Client Sample ID: | SB-8 (49-51) | Date Sampled: | 01/15/14 |
| Lab Sample ID: | JB57834-2 | Date Received: | 01/15/14 |
| Matrix: | SO - Soil | Percent Solids: | 98.2 |
| Method: | SW846 8270D SW846 3550C | | |
| Project: | Flushing Commons, Union Street, Flushing, NY | | |

ABN TCL List (SOM0 2.0)

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|-----------------------------|--------|-----|-----|-------|---|
| 105-60-2 | Caprolactam | ND | 57 | 9.0 | ug/kg | |
| 218-01-9 | Chrysene | ND | 29 | 9.6 | ug/kg | |
| 111-91-1 | bis(2-Chloroethoxy)methane | ND | 57 | 12 | ug/kg | |
| 111-44-4 | bis(2-Chloroethyl)ether | ND | 57 | 8.6 | ug/kg | |
| 108-60-1 | bis(2-Chloroisopropyl)ether | ND | 57 | 8.5 | ug/kg | |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | ND | 57 | 8.6 | ug/kg | |
| 121-14-2 | 2,4-Dinitrotoluene | ND | 29 | 12 | ug/kg | |
| 606-20-2 | 2,6-Dinitrotoluene | ND | 29 | 11 | ug/kg | |
| 91-94-1 | 3,3'-Dichlorobenzidine | ND | 57 | 7.2 | ug/kg | |
| 123-91-1 | 1,4-Dioxane | ND | 29 | 19 | ug/kg | |
| 53-70-3 | Dibenzo(a,h)anthracene | ND | 29 | 9.7 | ug/kg | |
| 132-64-9 | Dibenzofuran | ND | 57 | 8.5 | ug/kg | |
| 84-74-2 | Di-n-butyl phthalate | ND | 57 | 6.3 | ug/kg | |
| 117-84-0 | Di-n-octyl phthalate | ND | 57 | 14 | ug/kg | |
| 84-66-2 | Diethyl phthalate | ND | 57 | 9.7 | ug/kg | |
| 131-11-3 | Dimethyl phthalate | ND | 57 | 10 | ug/kg | |
| 117-81-7 | bis(2-Ethylhexyl)phthalate | ND | 57 | 25 | ug/kg | |
| 206-44-0 | Fluoranthene | ND | 29 | 13 | ug/kg | |
| 86-73-7 | Fluorene | ND | 29 | 9.4 | ug/kg | |
| 118-74-1 | Hexachlorobenzene | ND | 57 | 9.3 | ug/kg | |
| 87-68-3 | Hexachlorobutadiene | ND | 29 | 7.9 | ug/kg | |
| 77-47-4 | Hexachlorocyclopentadiene | ND | 290 | 29 | ug/kg | |
| 67-72-1 | Hexachloroethane | ND | 140 | 7.9 | ug/kg | |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | ND | 29 | 9.9 | ug/kg | |
| 78-59-1 | Isophorone | ND | 57 | 7.7 | ug/kg | |
| 91-57-6 | 2-Methylnaphthalene | ND | 57 | 16 | ug/kg | |
| 88-74-4 | 2-Nitroaniline | ND | 140 | 13 | ug/kg | |
| 99-09-2 | 3-Nitroaniline | ND | 140 | 11 | ug/kg | |
| 100-01-6 | 4-Nitroaniline | ND | 140 | 11 | ug/kg | |
| 91-20-3 | Naphthalene | ND | 29 | 7.8 | ug/kg | |
| 98-95-3 | Nitrobenzene | ND | 57 | 8.2 | ug/kg | |
| 621-64-7 | N-Nitroso-di-n-propylamine | ND | 57 | 7.0 | ug/kg | |
| 86-30-6 | N-Nitrosodiphenylamine | ND | 140 | 17 | ug/kg | |
| 85-01-8 | Phenanthrene | ND | 29 | 13 | ug/kg | |
| 129-00-0 | Pyrene | ND | 29 | 11 | ug/kg | |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | ND | 140 | 8.8 | ug/kg | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|----------|----------------------|--------|--------|---------|
| 367-12-4 | 2-Fluorophenol | 91% | | 13-110% |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | |
|--|--|
| Client Sample ID: SB-8 (49-51) Lab Sample ID: JB57834-2 Matrix: SO - Soil Method: SW846 8270D SW846 3550C Project: Flushing Commons, Union Street, Flushing, NY | Date Sampled: 01/15/14 Date Received: 01/15/14 Percent Solids: 98.2 |
|--|--|

ABN TCL List (SOM0 2.0)

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|-----------|----------------------|--------|--------|---------|
| 4165-62-2 | Phenol-d5 | 79% | | 15-110% |
| 118-79-6 | 2,4,6-Tribromophenol | 80% | | 20-123% |
| 4165-60-0 | Nitrobenzene-d5 | 69% | | 10-110% |
| 321-60-8 | 2-Fluorobiphenyl | 69% | | 17-110% |
| 1718-51-0 | Terphenyl-d14 | 74% | | 30-124% |

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

4.9
4

Report of Analysis

| | |
|---|-------------------------|
| Client Sample ID: SB-8 (49-51) | Date Sampled: 01/15/14 |
| Lab Sample ID: JB57834-2 | Date Received: 01/15/14 |
| Matrix: SO - Soil | Percent Solids: 98.2 |
| Method: SW846 8081B SW846 3546 | |
| Project: Flushing Commons, Union Street, Flushing, NY | |

| Run # | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|-----------|----|----------|----|-----------|------------|------------------|
| Run #1 | 4G40246.D | 1 | 01/17/14 | DG | 01/16/14 | OP72052 | G4G1004 |
| Run #2 | | | | | | | |

| Run # | Initial Weight | Final Volume |
|--------|----------------|--------------|
| Run #1 | 16.6 g | 1.0 ml |
| Run #2 | | |

Pesticide TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|---------------------|--------|-------|-------|-------|---|
| 309-00-2 | Aldrin | ND | 0.061 | 0.028 | ug/kg | |
| 319-84-6 | alpha-BHC | ND | 0.061 | 0.018 | ug/kg | |
| 319-85-7 | beta-BHC | ND | 0.061 | 0.038 | ug/kg | |
| 319-86-8 | delta-BHC | ND | 0.061 | 0.030 | ug/kg | |
| 58-89-9 | gamma-BHC (Lindane) | ND | 0.061 | 0.030 | ug/kg | |
| 5103-71-9 | alpha-Chlordane | ND | 0.061 | 0.023 | ug/kg | |
| 5103-74-2 | gamma-Chlordane | ND | 0.061 | 0.042 | ug/kg | |
| 60-57-1 | Dieldrin | ND | 0.061 | 0.024 | ug/kg | |
| 72-54-8 | 4,4'-DDD | ND | 0.061 | 0.033 | ug/kg | |
| 72-55-9 | 4,4'-DDE | ND | 0.061 | 0.025 | ug/kg | |
| 50-29-3 | 4,4'-DDT | ND | 0.061 | 0.030 | ug/kg | |
| 72-20-8 | Endrin | ND | 0.061 | 0.020 | ug/kg | |
| 1031-07-8 | Endosulfan sulfate | ND | 0.061 | 0.026 | ug/kg | |
| 7421-93-4 | Endrin aldehyde | ND | 0.061 | 0.032 | ug/kg | |
| 959-98-8 | Endosulfan-I | ND | 0.061 | 0.023 | ug/kg | |
| 33213-65-9 | Endosulfan-II | ND | 0.061 | 0.037 | ug/kg | |
| 76-44-8 | Heptachlor | ND | 0.061 | 0.030 | ug/kg | |
| 1024-57-3 | Heptachlor epoxide | ND | 0.061 | 0.023 | ug/kg | |
| 72-43-5 | Methoxychlor | ND | 0.12 | 0.060 | ug/kg | |
| 53494-70-5 | Endrin ketone | ND | 0.061 | 0.025 | ug/kg | |
| 8001-35-2 | Toxaphene | ND | 1.5 | 0.77 | ug/kg | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|-----------|----------------------|--------|--------|---------|
| 877-09-8 | Tetrachloro-m-xylene | 85% | | 10-147% |
| 877-09-8 | Tetrachloro-m-xylene | 87% | | 10-147% |
| 2051-24-3 | Decachlorobiphenyl | 78% | | 10-154% |
| 2051-24-3 | Decachlorobiphenyl | 84% | | 10-154% |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | |
|---|--|
| Client Sample ID: SB-8 (49-51) Lab Sample ID: JB57834-2 Matrix: SO - Soil Method: SW846 8082A SW846 3546 Project: Flushing Commons, Union Street, Flushing, NY | Date Sampled: 01/15/14 Date Received: 01/15/14 Percent Solids: 98.2 |
|---|--|

| Run # | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|------------|----|----------|----|-----------|------------|------------------|
| Run #1 | XX144265.D | 1 | 01/16/14 | JR | 01/16/14 | OP72051 | GXX4866 |
| Run #2 | | | | | | | |

| Run # | Initial Weight | Final Volume |
|--------|----------------|--------------|
| Run #1 | 16.3 g | 1.0 ml |
| Run #2 | | |

PCB List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|--------------|--------|-----|------|-------|---|
| 12674-11-2 | Aroclor 1016 | ND | 3.1 | 0.81 | ug/kg | |
| 11104-28-2 | Aroclor 1221 | ND | 3.1 | 1.9 | ug/kg | |
| 11141-16-5 | Aroclor 1232 | ND | 3.1 | 1.6 | ug/kg | |
| 53469-21-9 | Aroclor 1242 | ND | 3.1 | 0.99 | ug/kg | |
| 12672-29-6 | Aroclor 1248 | ND | 3.1 | 0.95 | ug/kg | |
| 11097-69-1 | Aroclor 1254 | ND | 3.1 | 1.5 | ug/kg | |
| 11096-82-5 | Aroclor 1260 | ND | 3.1 | 1.0 | ug/kg | |
| 11100-14-4 | Aroclor 1268 | ND | 3.1 | 0.92 | ug/kg | |
| 37324-23-5 | Aroclor 1262 | ND | 3.1 | 0.99 | ug/kg | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|-----------|----------------------|--------|--------|---------|
| 877-09-8 | Tetrachloro-m-xylene | 76% | | 14-139% |
| 877-09-8 | Tetrachloro-m-xylene | 77% | | 14-139% |
| 2051-24-3 | Decachlorobiphenyl | 94% | | 10-155% |
| 2051-24-3 | Decachlorobiphenyl | 77% | | 10-155% |

ND = Not detected MDL - Method Detection Limit J = Indicates an estimated value
 RL = Reporting Limit B = Indicates analyte found in associated method blank
 E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

4.9
4

Report of Analysis

| | |
|---|-------------------------|
| Client Sample ID: SB-8 (49-51) | Date Sampled: 01/15/14 |
| Lab Sample ID: JB57834-2 | Date Received: 01/15/14 |
| Matrix: SO - Soil | Percent Solids: 98.2 |
| Project: Flushing Commons, Union Street, Flushing, NY | |

Metals Analysis

| Analyte | Result | RL | Units | DF | Prep | Analyzed By | Method | Prep Method |
|-----------|---------|-------|-------|----|----------|-------------|-----------------------------|--------------------------|
| Aluminum | 3140 | 50 | mg/kg | 1 | 01/16/14 | 01/21/14 | ND SW846 6010C ³ | SW846 3050B ⁴ |
| Antimony | < 2.0 | 2.0 | mg/kg | 1 | 01/16/14 | 01/17/14 | ND SW846 6010C ² | SW846 3050B ⁴ |
| Arsenic | < 2.0 | 2.0 | mg/kg | 1 | 01/16/14 | 01/17/14 | ND SW846 6010C ² | SW846 3050B ⁴ |
| Barium | 21.0 | 20 | mg/kg | 1 | 01/16/14 | 01/21/14 | ND SW846 6010C ³ | SW846 3050B ⁴ |
| Beryllium | 0.21 | 0.20 | mg/kg | 1 | 01/16/14 | 01/21/14 | ND SW846 6010C ³ | SW846 3050B ⁴ |
| Cadmium | < 0.50 | 0.50 | mg/kg | 1 | 01/16/14 | 01/17/14 | ND SW846 6010C ² | SW846 3050B ⁴ |
| Calcium | 894 | 500 | mg/kg | 1 | 01/16/14 | 01/21/14 | ND SW846 6010C ³ | SW846 3050B ⁴ |
| Chromium | 12.3 | 1.0 | mg/kg | 1 | 01/16/14 | 01/21/14 | ND SW846 6010C ³ | SW846 3050B ⁴ |
| Cobalt | < 5.0 | 5.0 | mg/kg | 1 | 01/16/14 | 01/17/14 | ND SW846 6010C ² | SW846 3050B ⁴ |
| Copper | 7.2 | 2.5 | mg/kg | 1 | 01/16/14 | 01/21/14 | ND SW846 6010C ³ | SW846 3050B ⁴ |
| Iron | 9360 | 50 | mg/kg | 1 | 01/16/14 | 01/21/14 | ND SW846 6010C ³ | SW846 3050B ⁴ |
| Lead | 2.4 | 2.0 | mg/kg | 1 | 01/16/14 | 01/17/14 | ND SW846 6010C ² | SW846 3050B ⁴ |
| Magnesium | 1390 | 500 | mg/kg | 1 | 01/16/14 | 01/21/14 | ND SW846 6010C ³ | SW846 3050B ⁴ |
| Manganese | 133 | 1.5 | mg/kg | 1 | 01/16/14 | 01/21/14 | ND SW846 6010C ³ | SW846 3050B ⁴ |
| Mercury | < 0.032 | 0.032 | mg/kg | 1 | 01/17/14 | 01/17/14 | DP SW846 7471B ¹ | SW846 7471B ⁵ |
| Nickel | 8.6 | 4.0 | mg/kg | 1 | 01/16/14 | 01/17/14 | ND SW846 6010C ² | SW846 3050B ⁴ |
| Potassium | < 1000 | 1000 | mg/kg | 1 | 01/16/14 | 01/21/14 | ND SW846 6010C ³ | SW846 3050B ⁴ |
| Selenium | < 2.0 | 2.0 | mg/kg | 1 | 01/16/14 | 01/17/14 | ND SW846 6010C ² | SW846 3050B ⁴ |
| Silver | < 0.50 | 0.50 | mg/kg | 1 | 01/16/14 | 01/21/14 | ND SW846 6010C ³ | SW846 3050B ⁴ |
| Sodium | < 1000 | 1000 | mg/kg | 1 | 01/16/14 | 01/21/14 | ND SW846 6010C ³ | SW846 3050B ⁴ |
| Thallium | < 1.0 | 1.0 | mg/kg | 1 | 01/16/14 | 01/17/14 | ND SW846 6010C ² | SW846 3050B ⁴ |
| Vanadium | 15.0 | 5.0 | mg/kg | 1 | 01/16/14 | 01/21/14 | ND SW846 6010C ³ | SW846 3050B ⁴ |
| Zinc | 13.6 | 2.0 | mg/kg | 1 | 01/16/14 | 01/17/14 | ND SW846 6010C ² | SW846 3050B ⁴ |

- (1) Instrument QC Batch: MA33090
- (2) Instrument QC Batch: MA33099
- (3) Instrument QC Batch: MA33117
- (4) Prep QC Batch: MP77247
- (5) Prep QC Batch: MP77269

RL = Reporting Limit

Report of Analysis

| | | | |
|-------------------|--|-----------------|----------|
| Client Sample ID: | SB-7 (0-2) | Date Sampled: | 01/15/14 |
| Lab Sample ID: | JB57834-3 | Date Received: | 01/15/14 |
| Matrix: | SO - Soil | Percent Solids: | 92.2 |
| Method: | SW846 8260C SW846 5035 | | |
| Project: | Flushing Commons, Union Street, Flushing, NY | | |

| Run # | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|-----------|----|----------|-----|----------------|------------|------------------|
| Run #1 | I191774.D | 1 | 01/16/14 | SJM | 01/16/14 11:00 | n/a | VI7747 |
| Run #2 | | | | | | | |

| Run # | Initial Weight |
|--------|----------------|
| Run #1 | 5.4 g |
| Run #2 | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|-----------------------------|--------|-----|------|-------|---|
| 67-64-1 | Acetone | ND | 10 | 4.6 | ug/kg | |
| 71-43-2 | Benzene | ND | 1.0 | 0.13 | ug/kg | |
| 74-97-5 | Bromochloromethane | ND | 5.0 | 0.52 | ug/kg | |
| 75-27-4 | Bromodichloromethane | ND | 5.0 | 0.28 | ug/kg | |
| 75-25-2 | Bromoform | ND | 5.0 | 0.26 | ug/kg | |
| 74-83-9 | Bromomethane | ND | 5.0 | 0.48 | ug/kg | |
| 78-93-3 | 2-Butanone (MEK) | ND | 10 | 4.4 | ug/kg | |
| 75-15-0 | Carbon disulfide | ND | 5.0 | 0.14 | ug/kg | |
| 56-23-5 | Carbon tetrachloride | ND | 5.0 | 0.25 | ug/kg | |
| 108-90-7 | Chlorobenzene | ND | 5.0 | 0.20 | ug/kg | |
| 75-00-3 | Chloroethane | ND | 5.0 | 1.0 | ug/kg | |
| 67-66-3 | Chloroform | ND | 5.0 | 0.26 | ug/kg | |
| 74-87-3 | Chloromethane | ND | 5.0 | 0.34 | ug/kg | |
| 110-82-7 | Cyclohexane | ND | 5.0 | 0.26 | ug/kg | |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ND | 10 | 1.3 | ug/kg | |
| 124-48-1 | Dibromochloromethane | ND | 5.0 | 0.24 | ug/kg | |
| 106-93-4 | 1,2-Dibromoethane | ND | 1.0 | 0.55 | ug/kg | |
| 95-50-1 | 1,2-Dichlorobenzene | ND | 5.0 | 0.34 | ug/kg | |
| 541-73-1 | 1,3-Dichlorobenzene | ND | 5.0 | 0.22 | ug/kg | |
| 106-46-7 | 1,4-Dichlorobenzene | ND | 5.0 | 0.25 | ug/kg | |
| 75-71-8 | Dichlorodifluoromethane | ND | 5.0 | 0.35 | ug/kg | |
| 75-34-3 | 1,1-Dichloroethane | ND | 5.0 | 0.32 | ug/kg | |
| 107-06-2 | 1,2-Dichloroethane | ND | 1.0 | 0.32 | ug/kg | |
| 75-35-4 | 1,1-Dichloroethene | ND | 5.0 | 0.29 | ug/kg | |
| 156-59-2 | cis-1,2-Dichloroethene | ND | 5.0 | 0.21 | ug/kg | |
| 156-60-5 | trans-1,2-Dichloroethene | ND | 5.0 | 0.42 | ug/kg | |
| 78-87-5 | 1,2-Dichloropropane | ND | 5.0 | 0.44 | ug/kg | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 5.0 | 0.23 | ug/kg | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 5.0 | 0.27 | ug/kg | |
| 100-41-4 | Ethylbenzene | ND | 1.0 | 0.18 | ug/kg | |
| 76-13-1 | Freon 113 | ND | 5.0 | 0.44 | ug/kg | |
| 591-78-6 | 2-Hexanone | ND | 5.0 | 1.8 | ug/kg | |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | | | |
|-------------------|--|-----------------|----------|
| Client Sample ID: | SB-7 (0-2) | Date Sampled: | 01/15/14 |
| Lab Sample ID: | JB57834-3 | Date Received: | 01/15/14 |
| Matrix: | SO - Soil | Percent Solids: | 92.2 |
| Method: | SW846 8260C SW846 5035 | | |
| Project: | Flushing Commons, Union Street, Flushing, NY | | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|----------------------------|--------|-----|------|-------|---|
| 98-82-8 | Isopropylbenzene | ND | 5.0 | 0.15 | ug/kg | |
| 79-20-9 | Methyl Acetate | ND | 5.0 | 1.7 | ug/kg | |
| 108-87-2 | Methylcyclohexane | ND | 5.0 | 0.16 | ug/kg | |
| 1634-04-4 | Methyl Tert Butyl Ether | ND | 1.0 | 0.34 | ug/kg | |
| 108-10-1 | 4-Methyl-2-pentanone(MIBK) | ND | 5.0 | 1.3 | ug/kg | |
| 75-09-2 | Methylene chloride | ND | 5.0 | 1.7 | ug/kg | |
| 100-42-5 | Styrene | ND | 5.0 | 0.23 | ug/kg | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 5.0 | 0.34 | ug/kg | |
| 127-18-4 | Tetrachloroethene | ND | 5.0 | 0.41 | ug/kg | |
| 108-88-3 | Toluene | ND | 1.0 | 0.14 | ug/kg | |
| 87-61-6 | 1,2,3-Trichlorobenzene | ND | 5.0 | 0.21 | ug/kg | |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | 5.0 | 0.18 | ug/kg | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 5.0 | 0.29 | ug/kg | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 5.0 | 0.82 | ug/kg | |
| 79-01-6 | Trichloroethene | ND | 5.0 | 0.35 | ug/kg | |
| 75-69-4 | Trichlorofluoromethane | ND | 5.0 | 0.23 | ug/kg | |
| 75-01-4 | Vinyl chloride | ND | 5.0 | 0.34 | ug/kg | |
| | m,p-Xylene | ND | 1.0 | 0.49 | ug/kg | |
| 95-47-6 | o-Xylene | ND | 1.0 | 0.18 | ug/kg | |
| 1330-20-7 | Xylene (total) | ND | 1.0 | 0.18 | ug/kg | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|------------|-----------------------|--------|--------|---------|
| 1868-53-7 | Dibromofluoromethane | 97% | | 59-130% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 111% | | 65-123% |
| 2037-26-5 | Toluene-D8 | 91% | | 80-124% |
| 460-00-4 | 4-Bromofluorobenzene | 105% | | 71-132% |

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J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

| | |
|---|-------------------------|
| Client Sample ID: SB-7 (0-2) | Date Sampled: 01/15/14 |
| Lab Sample ID: JB57834-3 | Date Received: 01/15/14 |
| Matrix: SO - Soil | Percent Solids: 92.2 |
| Method: SW846 8270D SW846 3550C | |
| Project: Flushing Commons, Union Street, Flushing, NY | |

| Run #1 | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|----------|----|----------|-----|-----------|------------|------------------|
| Run #2 | Z88140.D | 1 | 01/17/14 | ALS | 01/16/14 | OP72054 | EZ4400 |

| Run #1 | Initial Weight | Final Volume |
|--------|----------------|--------------|
| Run #2 | 32.3 g | 1.0 ml |

ABN TCL List (SOM0 2.0)

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|----------------------------|--------|-----|-----|-------|---|
| 95-57-8 | 2-Chlorophenol | ND | 67 | 34 | ug/kg | |
| 59-50-7 | 4-Chloro-3-methyl phenol | ND | 170 | 34 | ug/kg | |
| 120-83-2 | 2,4-Dichlorophenol | ND | 170 | 54 | ug/kg | |
| 105-67-9 | 2,4-Dimethylphenol | ND | 170 | 56 | ug/kg | |
| 51-28-5 | 2,4-Dinitrophenol | ND | 670 | 41 | ug/kg | |
| 534-52-1 | 4,6-Dinitro-o-cresol | ND | 670 | 41 | ug/kg | |
| 95-48-7 | 2-Methylphenol | ND | 67 | 38 | ug/kg | |
| | 3&4-Methylphenol | ND | 67 | 43 | ug/kg | |
| 88-75-5 | 2-Nitrophenol | ND | 170 | 36 | ug/kg | |
| 100-02-7 | 4-Nitrophenol | ND | 340 | 57 | ug/kg | |
| 87-86-5 | Pentachlorophenol | ND | 340 | 57 | ug/kg | |
| 108-95-2 | Phenol | ND | 67 | 35 | ug/kg | |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | ND | 170 | 35 | ug/kg | |
| 95-95-4 | 2,4,5-Trichlorophenol | ND | 170 | 39 | ug/kg | |
| 88-06-2 | 2,4,6-Trichlorophenol | ND | 170 | 32 | ug/kg | |
| 83-32-9 | Acenaphthene | ND | 34 | 9.7 | ug/kg | |
| 208-96-8 | Acenaphthylene | ND | 34 | 11 | ug/kg | |
| 98-86-2 | Acetophenone | ND | 170 | 5.9 | ug/kg | |
| 120-12-7 | Anthracene | ND | 34 | 12 | ug/kg | |
| 1912-24-9 | Atrazine | ND | 67 | 6.6 | ug/kg | |
| 56-55-3 | Benzo(a)anthracene | ND | 34 | 11 | ug/kg | |
| 50-32-8 | Benzo(a)pyrene | ND | 34 | 10 | ug/kg | |
| 205-99-2 | Benzo(b)fluoranthene | ND | 34 | 11 | ug/kg | |
| 191-24-2 | Benzo(g,h,i)perylene | ND | 34 | 12 | ug/kg | |
| 207-08-9 | Benzo(k)fluoranthene | ND | 34 | 13 | ug/kg | |
| 101-55-3 | 4-Bromophenyl phenyl ether | ND | 67 | 12 | ug/kg | |
| 85-68-7 | Butyl benzyl phthalate | ND | 67 | 19 | ug/kg | |
| 92-52-4 | 1,1'-Biphenyl | ND | 67 | 3.9 | ug/kg | |
| 100-52-7 | Benzaldehyde | ND | 170 | 7.7 | ug/kg | |
| 91-58-7 | 2-Chloronaphthalene | ND | 67 | 10 | ug/kg | |
| 106-47-8 | 4-Chloroaniline | ND | 170 | 11 | ug/kg | |
| 86-74-8 | Carbazole | ND | 67 | 16 | ug/kg | |

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RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | | | |
|-------------------|--|-----------------|----------|
| Client Sample ID: | SB-7 (0-2) | Date Sampled: | 01/15/14 |
| Lab Sample ID: | JB57834-3 | Date Received: | 01/15/14 |
| Matrix: | SO - Soil | Percent Solids: | 92.2 |
| Method: | SW846 8270D SW846 3550C | | |
| Project: | Flushing Commons, Union Street, Flushing, NY | | |

ABN TCL List (SOM0 2.0)

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|-----------------------------|--------|-----|-----|-------|---|
| 105-60-2 | Caprolactam | ND | 67 | 11 | ug/kg | |
| 218-01-9 | Chrysene | ND | 34 | 11 | ug/kg | |
| 111-91-1 | bis(2-Chloroethoxy)methane | ND | 67 | 14 | ug/kg | |
| 111-44-4 | bis(2-Chloroethyl)ether | ND | 67 | 10 | ug/kg | |
| 108-60-1 | bis(2-Chloroisopropyl)ether | ND | 67 | 10 | ug/kg | |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | ND | 67 | 10 | ug/kg | |
| 121-14-2 | 2,4-Dinitrotoluene | ND | 34 | 15 | ug/kg | |
| 606-20-2 | 2,6-Dinitrotoluene | ND | 34 | 13 | ug/kg | |
| 91-94-1 | 3,3'-Dichlorobenzidine | ND | 67 | 8.5 | ug/kg | |
| 123-91-1 | 1,4-Dioxane | ND | 34 | 22 | ug/kg | |
| 53-70-3 | Dibenzo(a,h)anthracene | ND | 34 | 11 | ug/kg | |
| 132-64-9 | Dibenzofuran | ND | 67 | 10 | ug/kg | |
| 84-74-2 | Di-n-butyl phthalate | ND | 67 | 7.5 | ug/kg | |
| 117-84-0 | Di-n-octyl phthalate | ND | 67 | 16 | ug/kg | |
| 84-66-2 | Diethyl phthalate | ND | 67 | 11 | ug/kg | |
| 131-11-3 | Dimethyl phthalate | ND | 67 | 12 | ug/kg | |
| 117-81-7 | bis(2-Ethylhexyl)phthalate | ND | 67 | 30 | ug/kg | |
| 206-44-0 | Fluoranthene | ND | 34 | 15 | ug/kg | |
| 86-73-7 | Fluorene | ND | 34 | 11 | ug/kg | |
| 118-74-1 | Hexachlorobenzene | ND | 67 | 11 | ug/kg | |
| 87-68-3 | Hexachlorobutadiene | ND | 34 | 9.3 | ug/kg | |
| 77-47-4 | Hexachlorocyclopentadiene | ND | 340 | 34 | ug/kg | |
| 67-72-1 | Hexachloroethane | ND | 170 | 9.3 | ug/kg | |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | ND | 34 | 12 | ug/kg | |
| 78-59-1 | Isophorone | ND | 67 | 9.0 | ug/kg | |
| 91-57-6 | 2-Methylnaphthalene | ND | 67 | 19 | ug/kg | |
| 88-74-4 | 2-Nitroaniline | ND | 170 | 15 | ug/kg | |
| 99-09-2 | 3-Nitroaniline | ND | 170 | 13 | ug/kg | |
| 100-01-6 | 4-Nitroaniline | ND | 170 | 13 | ug/kg | |
| 91-20-3 | Naphthalene | ND | 34 | 9.2 | ug/kg | |
| 98-95-3 | Nitrobenzene | ND | 67 | 9.7 | ug/kg | |
| 621-64-7 | N-Nitroso-di-n-propylamine | ND | 67 | 8.2 | ug/kg | |
| 86-30-6 | N-Nitrosodiphenylamine | ND | 170 | 20 | ug/kg | |
| 85-01-8 | Phenanthrene | ND | 34 | 15 | ug/kg | |
| 129-00-0 | Pyrene | ND | 34 | 13 | ug/kg | |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | ND | 170 | 10 | ug/kg | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|----------|----------------------|--------|--------|---------|
| 367-12-4 | 2-Fluorophenol | 84% | | 13-110% |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | |
|--|--|
| Client Sample ID: SB-7 (0-2) Lab Sample ID: JB57834-3 Matrix: SO - Soil Method: SW846 8270D SW846 3550C Project: Flushing Commons, Union Street, Flushing, NY | Date Sampled: 01/15/14 Date Received: 01/15/14 Percent Solids: 92.2 |
|--|--|

ABN TCL List (SOM0 2.0)

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|-----------|----------------------|--------|--------|---------|
| 4165-62-2 | Phenol-d5 | 73% | | 15-110% |
| 118-79-6 | 2,4,6-Tribromophenol | 86% | | 20-123% |
| 4165-60-0 | Nitrobenzene-d5 | 72% | | 10-110% |
| 321-60-8 | 2-Fluorobiphenyl | 72% | | 17-110% |
| 1718-51-0 | Terphenyl-d14 | 90% | | 30-124% |

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

4.10
4

Report of Analysis

| | |
|---|-------------------------|
| Client Sample ID: SB-7 (0-2) | Date Sampled: 01/15/14 |
| Lab Sample ID: JB57834-3 | Date Received: 01/15/14 |
| Matrix: SO - Soil | Percent Solids: 92.2 |
| Method: SW846 8081B SW846 3546 | |
| Project: Flushing Commons, Union Street, Flushing, NY | |

| Run # | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|-----------|----|----------|----|-----------|------------|------------------|
| Run #1 | 4G40247.D | 1 | 01/17/14 | DG | 01/16/14 | OP72052 | G4G1004 |
| Run #2 | | | | | | | |

| Run # | Initial Weight | Final Volume |
|--------|----------------|--------------|
| Run #1 | 15.7 g | 1.0 ml |
| Run #2 | | |

Pesticide TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|---------------------|--------|-------|-------|-------|---|
| 309-00-2 | Aldrin | ND | 0.069 | 0.032 | ug/kg | |
| 319-84-6 | alpha-BHC | ND | 0.069 | 0.021 | ug/kg | |
| 319-85-7 | beta-BHC | ND | 0.069 | 0.043 | ug/kg | |
| 319-86-8 | delta-BHC | ND | 0.069 | 0.034 | ug/kg | |
| 58-89-9 | gamma-BHC (Lindane) | ND | 0.069 | 0.034 | ug/kg | |
| 5103-71-9 | alpha-Chlordane | ND | 0.069 | 0.026 | ug/kg | |
| 5103-74-2 | gamma-Chlordane | ND | 0.069 | 0.048 | ug/kg | |
| 60-57-1 | Dieldrin | ND | 0.069 | 0.027 | ug/kg | |
| 72-54-8 | 4,4'-DDD | ND | 0.069 | 0.038 | ug/kg | |
| 72-55-9 | 4,4'-DDE | ND | 0.069 | 0.028 | ug/kg | |
| 50-29-3 | 4,4'-DDT | ND | 0.069 | 0.034 | ug/kg | |
| 72-20-8 | Endrin | ND | 0.069 | 0.022 | ug/kg | |
| 1031-07-8 | Endosulfan sulfate | ND | 0.069 | 0.030 | ug/kg | |
| 7421-93-4 | Endrin aldehyde | ND | 0.069 | 0.036 | ug/kg | |
| 959-98-8 | Endosulfan-I | ND | 0.069 | 0.026 | ug/kg | |
| 33213-65-9 | Endosulfan-II | ND | 0.069 | 0.041 | ug/kg | |
| 76-44-8 | Heptachlor | ND | 0.069 | 0.034 | ug/kg | |
| 1024-57-3 | Heptachlor epoxide | ND | 0.069 | 0.026 | ug/kg | |
| 72-43-5 | Methoxychlor | ND | 0.14 | 0.068 | ug/kg | |
| 53494-70-5 | Endrin ketone | ND | 0.069 | 0.028 | ug/kg | |
| 8001-35-2 | Toxaphene | ND | 1.7 | 0.87 | ug/kg | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|-----------|----------------------|--------|--------|---------|
| 877-09-8 | Tetrachloro-m-xylene | 71% | | 10-147% |
| 877-09-8 | Tetrachloro-m-xylene | 73% | | 10-147% |
| 2051-24-3 | Decachlorobiphenyl | 59% | | 10-154% |
| 2051-24-3 | Decachlorobiphenyl | 66% | | 10-154% |

ND = Not detected MDL - Method Detection Limit

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B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | |
|---|-------------------------|
| Client Sample ID: SB-7 (0-2) | Date Sampled: 01/15/14 |
| Lab Sample ID: JB57834-3 | Date Received: 01/15/14 |
| Matrix: SO - Soil | Percent Solids: 92.2 |
| Method: SW846 8082A SW846 3546 | |
| Project: Flushing Commons, Union Street, Flushing, NY | |

| Run # | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|------------|----|----------|----|-----------|------------|------------------|
| Run #1 | XX144270.D | 1 | 01/16/14 | JR | 01/16/14 | OP72051 | GXX4866 |
| Run #2 | | | | | | | |

| Run # | Initial Weight | Final Volume |
|--------|----------------|--------------|
| Run #1 | 15.5 g | 1.0 ml |
| Run #2 | | |

PCB List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|--------------|--------|-----|------|-------|---|
| 12674-11-2 | Aroclor 1016 | ND | 3.5 | 0.91 | ug/kg | |
| 11104-28-2 | Aroclor 1221 | ND | 3.5 | 2.1 | ug/kg | |
| 11141-16-5 | Aroclor 1232 | ND | 3.5 | 1.8 | ug/kg | |
| 53469-21-9 | Aroclor 1242 | ND | 3.5 | 1.1 | ug/kg | |
| 12672-29-6 | Aroclor 1248 | ND | 3.5 | 1.1 | ug/kg | |
| 11097-69-1 | Aroclor 1254 | ND | 3.5 | 1.6 | ug/kg | |
| 11096-82-5 | Aroclor 1260 | ND | 3.5 | 1.1 | ug/kg | |
| 11100-14-4 | Aroclor 1268 | ND | 3.5 | 1.0 | ug/kg | |
| 37324-23-5 | Aroclor 1262 | ND | 3.5 | 1.1 | ug/kg | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|-----------|----------------------|--------|--------|---------|
| 877-09-8 | Tetrachloro-m-xylene | 71% | | 14-139% |
| 877-09-8 | Tetrachloro-m-xylene | 73% | | 14-139% |
| 2051-24-3 | Decachlorobiphenyl | 94% | | 10-155% |
| 2051-24-3 | Decachlorobiphenyl | 71% | | 10-155% |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | |
|---|-------------------------|
| Client Sample ID: SB-7 (0-2) | Date Sampled: 01/15/14 |
| Lab Sample ID: JB57834-3 | Date Received: 01/15/14 |
| Matrix: SO - Soil | Percent Solids: 92.2 |
| Project: Flushing Commons, Union Street, Flushing, NY | |

Metals Analysis

| Analyte | Result | RL | Units | DF | Prep | Analyzed By | Method | Prep Method |
|-----------|---------|-------|-------|----|----------|-------------|-----------------------------|--------------------------|
| Aluminum | 12200 | 53 | mg/kg | 1 | 01/16/14 | 01/21/14 | ND SW846 6010C ³ | SW846 3050B ⁴ |
| Antimony | < 2.1 | 2.1 | mg/kg | 1 | 01/16/14 | 01/17/14 | ND SW846 6010C ² | SW846 3050B ⁴ |
| Arsenic | 2.4 | 2.1 | mg/kg | 1 | 01/16/14 | 01/17/14 | ND SW846 6010C ² | SW846 3050B ⁴ |
| Barium | 60.1 | 21 | mg/kg | 1 | 01/16/14 | 01/21/14 | ND SW846 6010C ³ | SW846 3050B ⁴ |
| Beryllium | 0.62 | 0.21 | mg/kg | 1 | 01/16/14 | 01/21/14 | ND SW846 6010C ³ | SW846 3050B ⁴ |
| Cadmium | < 0.53 | 0.53 | mg/kg | 1 | 01/16/14 | 01/17/14 | ND SW846 6010C ² | SW846 3050B ⁴ |
| Calcium | 747 | 530 | mg/kg | 1 | 01/16/14 | 01/21/14 | ND SW846 6010C ³ | SW846 3050B ⁴ |
| Chromium | 24.7 | 1.1 | mg/kg | 1 | 01/16/14 | 01/21/14 | ND SW846 6010C ³ | SW846 3050B ⁴ |
| Cobalt | 8.8 | 5.3 | mg/kg | 1 | 01/16/14 | 01/17/14 | ND SW846 6010C ² | SW846 3050B ⁴ |
| Copper | 16.7 | 2.7 | mg/kg | 1 | 01/16/14 | 01/21/14 | ND SW846 6010C ³ | SW846 3050B ⁴ |
| Iron | 20300 | 53 | mg/kg | 1 | 01/16/14 | 01/21/14 | ND SW846 6010C ³ | SW846 3050B ⁴ |
| Lead | 5.6 | 2.1 | mg/kg | 1 | 01/16/14 | 01/17/14 | ND SW846 6010C ² | SW846 3050B ⁴ |
| Magnesium | 3130 | 530 | mg/kg | 1 | 01/16/14 | 01/21/14 | ND SW846 6010C ³ | SW846 3050B ⁴ |
| Manganese | 499 | 1.6 | mg/kg | 1 | 01/16/14 | 01/21/14 | ND SW846 6010C ³ | SW846 3050B ⁴ |
| Mercury | < 0.035 | 0.035 | mg/kg | 1 | 01/17/14 | 01/17/14 | DP SW846 7471B ¹ | SW846 7471B ⁵ |
| Nickel | 21.0 | 4.3 | mg/kg | 1 | 01/16/14 | 01/17/14 | ND SW846 6010C ² | SW846 3050B ⁴ |
| Potassium | 1990 | 1100 | mg/kg | 1 | 01/16/14 | 01/21/14 | ND SW846 6010C ³ | SW846 3050B ⁴ |
| Selenium | < 2.1 | 2.1 | mg/kg | 1 | 01/16/14 | 01/17/14 | ND SW846 6010C ² | SW846 3050B ⁴ |
| Silver | < 0.53 | 0.53 | mg/kg | 1 | 01/16/14 | 01/21/14 | ND SW846 6010C ³ | SW846 3050B ⁴ |
| Sodium | < 1100 | 1100 | mg/kg | 1 | 01/16/14 | 01/21/14 | ND SW846 6010C ³ | SW846 3050B ⁴ |
| Thallium | < 1.1 | 1.1 | mg/kg | 1 | 01/16/14 | 01/17/14 | ND SW846 6010C ² | SW846 3050B ⁴ |
| Vanadium | 32.2 | 5.3 | mg/kg | 1 | 01/16/14 | 01/21/14 | ND SW846 6010C ³ | SW846 3050B ⁴ |
| Zinc | 31.8 | 2.1 | mg/kg | 1 | 01/16/14 | 01/17/14 | ND SW846 6010C ² | SW846 3050B ⁴ |

(1) Instrument QC Batch: MA33090

(2) Instrument QC Batch: MA33099

(3) Instrument QC Batch: MA33117

(4) Prep QC Batch: MP77247

(5) Prep QC Batch: MP77269

RL = Reporting Limit

Report of Analysis

| | |
|---|-------------------------|
| Client Sample ID: SB-7 (49-51) | Date Sampled: 01/15/14 |
| Lab Sample ID: JB57834-4 | Date Received: 01/15/14 |
| Matrix: SO - Soil | Percent Solids: 97.3 |
| Method: SW846 8260C SW846 5035 | |
| Project: Flushing Commons, Union Street, Flushing, NY | |

| Run #1 | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|-----------|----|----------|-----|----------------|------------|------------------|
| Run #2 | I191775.D | 1 | 01/16/14 | SJM | 01/16/14 11:00 | n/a | VI7747 |

| Run #1 | Initial Weight |
|--------|----------------|
| Run #2 | 4.4 g |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|-----------------------------|--------|-----|------|-------|---|
| 67-64-1 | Acetone | ND | 12 | 5.3 | ug/kg | |
| 71-43-2 | Benzene | ND | 1.2 | 0.15 | ug/kg | |
| 74-97-5 | Bromochloromethane | ND | 5.8 | 0.61 | ug/kg | |
| 75-27-4 | Bromodichloromethane | ND | 5.8 | 0.33 | ug/kg | |
| 75-25-2 | Bromoform | ND | 5.8 | 0.31 | ug/kg | |
| 74-83-9 | Bromomethane | ND | 5.8 | 0.56 | ug/kg | |
| 78-93-3 | 2-Butanone (MEK) | ND | 12 | 5.1 | ug/kg | |
| 75-15-0 | Carbon disulfide | ND | 5.8 | 0.16 | ug/kg | |
| 56-23-5 | Carbon tetrachloride | ND | 5.8 | 0.29 | ug/kg | |
| 108-90-7 | Chlorobenzene | ND | 5.8 | 0.23 | ug/kg | |
| 75-00-3 | Chloroethane | ND | 5.8 | 1.2 | ug/kg | |
| 67-66-3 | Chloroform | ND | 5.8 | 0.30 | ug/kg | |
| 74-87-3 | Chloromethane | ND | 5.8 | 0.40 | ug/kg | |
| 110-82-7 | Cyclohexane | ND | 5.8 | 0.30 | ug/kg | |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ND | 12 | 1.6 | ug/kg | |
| 124-48-1 | Dibromochloromethane | ND | 5.8 | 0.28 | ug/kg | |
| 106-93-4 | 1,2-Dibromoethane | ND | 1.2 | 0.64 | ug/kg | |
| 95-50-1 | 1,2-Dichlorobenzene | ND | 5.8 | 0.39 | ug/kg | |
| 541-73-1 | 1,3-Dichlorobenzene | ND | 5.8 | 0.25 | ug/kg | |
| 106-46-7 | 1,4-Dichlorobenzene | ND | 5.8 | 0.29 | ug/kg | |
| 75-71-8 | Dichlorodifluoromethane | ND | 5.8 | 0.41 | ug/kg | |
| 75-34-3 | 1,1-Dichloroethane | ND | 5.8 | 0.37 | ug/kg | |
| 107-06-2 | 1,2-Dichloroethane | ND | 1.2 | 0.37 | ug/kg | |
| 75-35-4 | 1,1-Dichloroethene | ND | 5.8 | 0.34 | ug/kg | |
| 156-59-2 | cis-1,2-Dichloroethene | ND | 5.8 | 0.24 | ug/kg | |
| 156-60-5 | trans-1,2-Dichloroethene | ND | 5.8 | 0.49 | ug/kg | |
| 78-87-5 | 1,2-Dichloropropane | ND | 5.8 | 0.51 | ug/kg | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 5.8 | 0.27 | ug/kg | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 5.8 | 0.32 | ug/kg | |
| 100-41-4 | Ethylbenzene | ND | 1.2 | 0.20 | ug/kg | |
| 76-13-1 | Freon 113 | ND | 5.8 | 0.51 | ug/kg | |
| 591-78-6 | 2-Hexanone | ND | 5.8 | 2.1 | ug/kg | |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | | | |
|-------------------|--|-----------------|----------|
| Client Sample ID: | SB-7 (49-51) | Date Sampled: | 01/15/14 |
| Lab Sample ID: | JB57834-4 | Date Received: | 01/15/14 |
| Matrix: | SO - Soil | Percent Solids: | 97.3 |
| Method: | SW846 8260C SW846 5035 | | |
| Project: | Flushing Commons, Union Street, Flushing, NY | | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|----------------------------|--------|-----|------|-------|---|
| 98-82-8 | Isopropylbenzene | ND | 5.8 | 0.17 | ug/kg | |
| 79-20-9 | Methyl Acetate | ND | 5.8 | 2.0 | ug/kg | |
| 108-87-2 | Methylcyclohexane | ND | 5.8 | 0.19 | ug/kg | |
| 1634-04-4 | Methyl Tert Butyl Ether | ND | 1.2 | 0.40 | ug/kg | |
| 108-10-1 | 4-Methyl-2-pentanone(MIBK) | ND | 5.8 | 1.5 | ug/kg | |
| 75-09-2 | Methylene chloride | ND | 5.8 | 2.0 | ug/kg | |
| 100-42-5 | Styrene | ND | 5.8 | 0.27 | ug/kg | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 5.8 | 0.40 | ug/kg | |
| 127-18-4 | Tetrachloroethene | 0.73 | 5.8 | 0.48 | ug/kg | J |
| 108-88-3 | Toluene | ND | 1.2 | 0.17 | ug/kg | |
| 87-61-6 | 1,2,3-Trichlorobenzene | ND | 5.8 | 0.24 | ug/kg | |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | 5.8 | 0.21 | ug/kg | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 5.8 | 0.34 | ug/kg | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 5.8 | 0.96 | ug/kg | |
| 79-01-6 | Trichloroethene | ND | 5.8 | 0.41 | ug/kg | |
| 75-69-4 | Trichlorofluoromethane | ND | 5.8 | 0.26 | ug/kg | |
| 75-01-4 | Vinyl chloride | ND | 5.8 | 0.40 | ug/kg | |
| | m,p-Xylene | ND | 1.2 | 0.57 | ug/kg | |
| 95-47-6 | o-Xylene | ND | 1.2 | 0.21 | ug/kg | |
| 1330-20-7 | Xylene (total) | ND | 1.2 | 0.21 | ug/kg | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|------------|-----------------------|--------|--------|---------|
| 1868-53-7 | Dibromofluoromethane | 94% | | 59-130% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 104% | | 65-123% |
| 2037-26-5 | Toluene-D8 | 94% | | 80-124% |
| 460-00-4 | 4-Bromofluorobenzene | 106% | | 71-132% |

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 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

| | | | |
|-------------------|--|-----------------|----------|
| Client Sample ID: | SB-7 (49-51) | Date Sampled: | 01/15/14 |
| Lab Sample ID: | JB57834-4 | Date Received: | 01/15/14 |
| Matrix: | SO - Soil | Percent Solids: | 97.3 |
| Method: | SW846 8270D SW846 3550C | | |
| Project: | Flushing Commons, Union Street, Flushing, NY | | |

| Run #1 | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|----------|----|----------|-----|-----------|------------|------------------|
| Run #2 | Z88141.D | 1 | 01/17/14 | ALS | 01/16/14 | OP72054 | EZ4400 |

| Run #1 | Initial Weight | Final Volume |
|--------|----------------|--------------|
| Run #2 | 33.1 g | 1.0 ml |

ABN TCL List (SOM0 2.0)

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|----------------------------|--------|-----|-----|-------|---|
| 95-57-8 | 2-Chlorophenol | ND | 62 | 31 | ug/kg | |
| 59-50-7 | 4-Chloro-3-methyl phenol | ND | 160 | 31 | ug/kg | |
| 120-83-2 | 2,4-Dichlorophenol | ND | 160 | 50 | ug/kg | |
| 105-67-9 | 2,4-Dimethylphenol | ND | 160 | 52 | ug/kg | |
| 51-28-5 | 2,4-Dinitrophenol | ND | 620 | 38 | ug/kg | |
| 534-52-1 | 4,6-Dinitro-o-cresol | ND | 620 | 38 | ug/kg | |
| 95-48-7 | 2-Methylphenol | ND | 62 | 35 | ug/kg | |
| | 3&4-Methylphenol | ND | 62 | 39 | ug/kg | |
| 88-75-5 | 2-Nitrophenol | ND | 160 | 33 | ug/kg | |
| 100-02-7 | 4-Nitrophenol | ND | 310 | 52 | ug/kg | |
| 87-86-5 | Pentachlorophenol | ND | 310 | 53 | ug/kg | |
| 108-95-2 | Phenol | ND | 62 | 33 | ug/kg | |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | ND | 160 | 32 | ug/kg | |
| 95-95-4 | 2,4,5-Trichlorophenol | ND | 160 | 36 | ug/kg | |
| 88-06-2 | 2,4,6-Trichlorophenol | ND | 160 | 29 | ug/kg | |
| 83-32-9 | Acenaphthene | ND | 31 | 9.0 | ug/kg | |
| 208-96-8 | Acenaphthylene | ND | 31 | 9.9 | ug/kg | |
| 98-86-2 | Acetophenone | ND | 160 | 5.5 | ug/kg | |
| 120-12-7 | Anthracene | ND | 31 | 11 | ug/kg | |
| 1912-24-9 | Atrazine | ND | 62 | 6.1 | ug/kg | |
| 56-55-3 | Benzo(a)anthracene | ND | 31 | 10 | ug/kg | |
| 50-32-8 | Benzo(a)pyrene | ND | 31 | 9.5 | ug/kg | |
| 205-99-2 | Benzo(b)fluoranthene | ND | 31 | 10 | ug/kg | |
| 191-24-2 | Benzo(g,h,i)perylene | ND | 31 | 12 | ug/kg | |
| 207-08-9 | Benzo(k)fluoranthene | ND | 31 | 12 | ug/kg | |
| 101-55-3 | 4-Bromophenyl phenyl ether | ND | 62 | 11 | ug/kg | |
| 85-68-7 | Butyl benzyl phthalate | ND | 62 | 18 | ug/kg | |
| 92-52-4 | 1,1'-Biphenyl | ND | 62 | 3.6 | ug/kg | |
| 100-52-7 | Benzaldehyde | ND | 160 | 7.1 | ug/kg | |
| 91-58-7 | 2-Chloronaphthalene | ND | 62 | 9.6 | ug/kg | |
| 106-47-8 | 4-Chloroaniline | ND | 160 | 9.9 | ug/kg | |
| 86-74-8 | Carbazole | ND | 62 | 14 | ug/kg | |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | | | |
|-------------------|--|-----------------|----------|
| Client Sample ID: | SB-7 (49-51) | Date Sampled: | 01/15/14 |
| Lab Sample ID: | JB57834-4 | Date Received: | 01/15/14 |
| Matrix: | SO - Soil | Percent Solids: | 97.3 |
| Method: | SW846 8270D SW846 3550C | | |
| Project: | Flushing Commons, Union Street, Flushing, NY | | |

ABN TCL List (SOM0 2.0)

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|-----------------------------|--------|-----|-----|-------|---|
| 105-60-2 | Caprolactam | ND | 62 | 9.8 | ug/kg | |
| 218-01-9 | Chrysene | ND | 31 | 10 | ug/kg | |
| 111-91-1 | bis(2-Chloroethoxy)methane | ND | 62 | 13 | ug/kg | |
| 111-44-4 | bis(2-Chloroethyl)ether | ND | 62 | 9.3 | ug/kg | |
| 108-60-1 | bis(2-Chloroisopropyl)ether | ND | 62 | 9.2 | ug/kg | |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | ND | 62 | 9.3 | ug/kg | |
| 121-14-2 | 2,4-Dinitrotoluene | ND | 31 | 14 | ug/kg | |
| 606-20-2 | 2,6-Dinitrotoluene | ND | 31 | 12 | ug/kg | |
| 91-94-1 | 3,3'-Dichlorobenzidine | ND | 62 | 7.9 | ug/kg | |
| 123-91-1 | 1,4-Dioxane | ND | 31 | 20 | ug/kg | |
| 53-70-3 | Dibenzo(a,h)anthracene | ND | 31 | 11 | ug/kg | |
| 132-64-9 | Dibenzofuran | ND | 62 | 9.2 | ug/kg | |
| 84-74-2 | Di-n-butyl phthalate | ND | 62 | 6.9 | ug/kg | |
| 117-84-0 | Di-n-octyl phthalate | ND | 62 | 15 | ug/kg | |
| 84-66-2 | Diethyl phthalate | ND | 62 | 11 | ug/kg | |
| 131-11-3 | Dimethyl phthalate | ND | 62 | 11 | ug/kg | |
| 117-81-7 | bis(2-Ethylhexyl)phthalate | 31.4 | 62 | 27 | ug/kg | J |
| 206-44-0 | Fluoranthene | ND | 31 | 14 | ug/kg | |
| 86-73-7 | Fluorene | ND | 31 | 10 | ug/kg | |
| 118-74-1 | Hexachlorobenzene | ND | 62 | 10 | ug/kg | |
| 87-68-3 | Hexachlorobutadiene | ND | 31 | 8.6 | ug/kg | |
| 77-47-4 | Hexachlorocyclopentadiene | ND | 310 | 32 | ug/kg | |
| 67-72-1 | Hexachloroethane | ND | 160 | 8.6 | ug/kg | |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | ND | 31 | 11 | ug/kg | |
| 78-59-1 | Isophorone | ND | 62 | 8.4 | ug/kg | |
| 91-57-6 | 2-Methylnaphthalene | ND | 62 | 17 | ug/kg | |
| 88-74-4 | 2-Nitroaniline | ND | 160 | 14 | ug/kg | |
| 99-09-2 | 3-Nitroaniline | ND | 160 | 12 | ug/kg | |
| 100-01-6 | 4-Nitroaniline | ND | 160 | 12 | ug/kg | |
| 91-20-3 | Naphthalene | ND | 31 | 8.5 | ug/kg | |
| 98-95-3 | Nitrobenzene | ND | 62 | 9.0 | ug/kg | |
| 621-64-7 | N-Nitroso-di-n-propylamine | ND | 62 | 7.6 | ug/kg | |
| 86-30-6 | N-Nitrosodiphenylamine | ND | 160 | 19 | ug/kg | |
| 85-01-8 | Phenanthrene | ND | 31 | 14 | ug/kg | |
| 129-00-0 | Pyrene | ND | 31 | 12 | ug/kg | |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | ND | 160 | 9.5 | ug/kg | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|----------|----------------------|--------|--------|---------|
| 367-12-4 | 2-Fluorophenol | 98% | | 13-110% |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | |
|--|--------------------------------|
| Client Sample ID: SB-7 (49-51) | Date Sampled: 01/15/14 |
| Lab Sample ID: JB57834-4 | Date Received: 01/15/14 |
| Matrix: SO - Soil | Percent Solids: 97.3 |
| Method: SW846 8270D SW846 3550C | |
| Project: Flushing Commons, Union Street, Flushing, NY | |

ABN TCL List (SOM0 2.0)

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|-----------|----------------------|--------|--------|---------|
| 4165-62-2 | Phenol-d5 | 85% | | 15-110% |
| 118-79-6 | 2,4,6-Tribromophenol | 97% | | 20-123% |
| 4165-60-0 | Nitrobenzene-d5 | 86% | | 10-110% |
| 321-60-8 | 2-Fluorobiphenyl | 83% | | 17-110% |
| 1718-51-0 | Terphenyl-d14 | 100% | | 30-124% |

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

4.11
4

Report of Analysis

| | |
|---|-------------------------|
| Client Sample ID: SB-7 (49-51) | Date Sampled: 01/15/14 |
| Lab Sample ID: JB57834-4 | Date Received: 01/15/14 |
| Matrix: SO - Soil | Percent Solids: 97.3 |
| Method: SW846 8081B SW846 3546 | |
| Project: Flushing Commons, Union Street, Flushing, NY | |

| Run # | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|-----------|----|----------|----|-----------|------------|------------------|
| Run #1 | 4G40248.D | 1 | 01/17/14 | DG | 01/16/14 | OP72052 | G4G1004 |
| Run #2 | | | | | | | |

| Run # | Initial Weight | Final Volume |
|--------|----------------|--------------|
| Run #1 | 15.4 g | 1.0 ml |
| Run #2 | | |

Pesticide TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|---------------------|--------|-------|-------|-------|---|
| 309-00-2 | Aldrin | ND | 0.067 | 0.031 | ug/kg | |
| 319-84-6 | alpha-BHC | ND | 0.067 | 0.020 | ug/kg | |
| 319-85-7 | beta-BHC | ND | 0.067 | 0.042 | ug/kg | |
| 319-86-8 | delta-BHC | ND | 0.067 | 0.033 | ug/kg | |
| 58-89-9 | gamma-BHC (Lindane) | ND | 0.067 | 0.033 | ug/kg | |
| 5103-71-9 | alpha-Chlordane | ND | 0.067 | 0.025 | ug/kg | |
| 5103-74-2 | gamma-Chlordane | ND | 0.067 | 0.046 | ug/kg | |
| 60-57-1 | Dieldrin | ND | 0.067 | 0.026 | ug/kg | |
| 72-54-8 | 4,4'-DDD | ND | 0.067 | 0.036 | ug/kg | |
| 72-55-9 | 4,4'-DDE | ND | 0.067 | 0.027 | ug/kg | |
| 50-29-3 | 4,4'-DDT | ND | 0.067 | 0.033 | ug/kg | |
| 72-20-8 | Endrin | ND | 0.067 | 0.022 | ug/kg | |
| 1031-07-8 | Endosulfan sulfate | ND | 0.067 | 0.029 | ug/kg | |
| 7421-93-4 | Endrin aldehyde | ND | 0.067 | 0.035 | ug/kg | |
| 959-98-8 | Endosulfan-I | ND | 0.067 | 0.025 | ug/kg | |
| 33213-65-9 | Endosulfan-II | ND | 0.067 | 0.040 | ug/kg | |
| 76-44-8 | Heptachlor | ND | 0.067 | 0.033 | ug/kg | |
| 1024-57-3 | Heptachlor epoxide | ND | 0.067 | 0.025 | ug/kg | |
| 72-43-5 | Methoxychlor | ND | 0.13 | 0.065 | ug/kg | |
| 53494-70-5 | Endrin ketone | ND | 0.067 | 0.027 | ug/kg | |
| 8001-35-2 | Toxaphene | ND | 1.7 | 0.84 | ug/kg | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|-----------|----------------------|--------|--------|---------|
| 877-09-8 | Tetrachloro-m-xylene | 76% | | 10-147% |
| 877-09-8 | Tetrachloro-m-xylene | 78% | | 10-147% |
| 2051-24-3 | Decachlorobiphenyl | 64% | | 10-154% |
| 2051-24-3 | Decachlorobiphenyl | 76% | | 10-154% |

ND = Not detected MDL - Method Detection Limit

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J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | |
|---|-------------------------|
| Client Sample ID: SB-7 (49-51) | Date Sampled: 01/15/14 |
| Lab Sample ID: JB57834-4 | Date Received: 01/15/14 |
| Matrix: SO - Soil | Percent Solids: 97.3 |
| Method: SW846 8082A SW846 3546 | |
| Project: Flushing Commons, Union Street, Flushing, NY | |

| Run # | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|------------|----|----------|----|-----------|------------|------------------|
| Run #1 | XX144271.D | 1 | 01/16/14 | JR | 01/16/14 | OP72051 | GXX4866 |
| Run #2 | | | | | | | |

| Run # | Initial Weight | Final Volume |
|--------|----------------|--------------|
| Run #1 | 15.8 g | 1.0 ml |
| Run #2 | | |

PCB List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|--------------|--------|-----|------|-------|---|
| 12674-11-2 | Aroclor 1016 | ND | 3.3 | 0.85 | ug/kg | |
| 11104-28-2 | Aroclor 1221 | ND | 3.3 | 2.0 | ug/kg | |
| 11141-16-5 | Aroclor 1232 | ND | 3.3 | 1.6 | ug/kg | |
| 53469-21-9 | Aroclor 1242 | ND | 3.3 | 1.0 | ug/kg | |
| 12672-29-6 | Aroclor 1248 | ND | 3.3 | 0.99 | ug/kg | |
| 11097-69-1 | Aroclor 1254 | ND | 3.3 | 1.5 | ug/kg | |
| 11096-82-5 | Aroclor 1260 | ND | 3.3 | 1.1 | ug/kg | |
| 11100-14-4 | Aroclor 1268 | ND | 3.3 | 0.96 | ug/kg | |
| 37324-23-5 | Aroclor 1262 | ND | 3.3 | 1.0 | ug/kg | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|-----------|----------------------|--------|--------|---------|
| 877-09-8 | Tetrachloro-m-xylene | 70% | | 14-139% |
| 877-09-8 | Tetrachloro-m-xylene | 72% | | 14-139% |
| 2051-24-3 | Decachlorobiphenyl | 89% | | 10-155% |
| 2051-24-3 | Decachlorobiphenyl | 73% | | 10-155% |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | |
|---|-------------------------|
| Client Sample ID: SB-7 (49-51) | Date Sampled: 01/15/14 |
| Lab Sample ID: JB57834-4 | Date Received: 01/15/14 |
| Matrix: SO - Soil | Percent Solids: 97.3 |
| Project: Flushing Commons, Union Street, Flushing, NY | |

Metals Analysis

| Analyte | Result | RL | Units | DF | Prep | Analyzed By | Method | Prep Method |
|-----------|---------|-------|-------|----|----------|-------------|-----------------------------|--------------------------|
| Aluminum | 5500 | 50 | mg/kg | 1 | 01/16/14 | 01/21/14 | ND SW846 6010C ³ | SW846 3050B ⁴ |
| Antimony | < 2.0 | 2.0 | mg/kg | 1 | 01/16/14 | 01/17/14 | ND SW846 6010C ² | SW846 3050B ⁴ |
| Arsenic | < 2.0 | 2.0 | mg/kg | 1 | 01/16/14 | 01/17/14 | ND SW846 6010C ² | SW846 3050B ⁴ |
| Barium | 55.9 | 20 | mg/kg | 1 | 01/16/14 | 01/21/14 | ND SW846 6010C ³ | SW846 3050B ⁴ |
| Beryllium | 0.30 | 0.20 | mg/kg | 1 | 01/16/14 | 01/21/14 | ND SW846 6010C ³ | SW846 3050B ⁴ |
| Cadmium | < 0.50 | 0.50 | mg/kg | 1 | 01/16/14 | 01/17/14 | ND SW846 6010C ² | SW846 3050B ⁴ |
| Calcium | 891 | 500 | mg/kg | 1 | 01/16/14 | 01/21/14 | ND SW846 6010C ³ | SW846 3050B ⁴ |
| Chromium | 26.7 | 1.0 | mg/kg | 1 | 01/16/14 | 01/21/14 | ND SW846 6010C ³ | SW846 3050B ⁴ |
| Cobalt | 5.2 | 5.0 | mg/kg | 1 | 01/16/14 | 01/17/14 | ND SW846 6010C ² | SW846 3050B ⁴ |
| Copper | 10.4 | 2.5 | mg/kg | 1 | 01/16/14 | 01/21/14 | ND SW846 6010C ³ | SW846 3050B ⁴ |
| Iron | 12400 | 50 | mg/kg | 1 | 01/16/14 | 01/21/14 | ND SW846 6010C ³ | SW846 3050B ⁴ |
| Lead | 2.8 | 2.0 | mg/kg | 1 | 01/16/14 | 01/17/14 | ND SW846 6010C ² | SW846 3050B ⁴ |
| Magnesium | 2690 | 500 | mg/kg | 1 | 01/16/14 | 01/21/14 | ND SW846 6010C ³ | SW846 3050B ⁴ |
| Manganese | 323 | 1.5 | mg/kg | 1 | 01/16/14 | 01/21/14 | ND SW846 6010C ³ | SW846 3050B ⁴ |
| Mercury | < 0.033 | 0.033 | mg/kg | 1 | 01/17/14 | 01/17/14 | DP SW846 7471B ¹ | SW846 7471B ⁵ |
| Nickel | 16.9 | 4.0 | mg/kg | 1 | 01/16/14 | 01/17/14 | ND SW846 6010C ² | SW846 3050B ⁴ |
| Potassium | 2020 | 1000 | mg/kg | 1 | 01/16/14 | 01/21/14 | ND SW846 6010C ³ | SW846 3050B ⁴ |
| Selenium | < 2.0 | 2.0 | mg/kg | 1 | 01/16/14 | 01/17/14 | ND SW846 6010C ² | SW846 3050B ⁴ |
| Silver | < 0.50 | 0.50 | mg/kg | 1 | 01/16/14 | 01/21/14 | ND SW846 6010C ³ | SW846 3050B ⁴ |
| Sodium | < 1000 | 1000 | mg/kg | 1 | 01/16/14 | 01/21/14 | ND SW846 6010C ³ | SW846 3050B ⁴ |
| Thallium | < 1.0 | 1.0 | mg/kg | 1 | 01/16/14 | 01/17/14 | ND SW846 6010C ² | SW846 3050B ⁴ |
| Vanadium | 17.1 | 5.0 | mg/kg | 1 | 01/16/14 | 01/21/14 | ND SW846 6010C ³ | SW846 3050B ⁴ |
| Zinc | 31.4 | 2.0 | mg/kg | 1 | 01/16/14 | 01/17/14 | ND SW846 6010C ² | SW846 3050B ⁴ |

- (1) Instrument QC Batch: MA33090
- (2) Instrument QC Batch: MA33099
- (3) Instrument QC Batch: MA33117
- (4) Prep QC Batch: MP77247
- (5) Prep QC Batch: MP77269

RL = Reporting Limit

Report of Analysis

| | |
|---|-------------------------|
| Client Sample ID: SB-7B (49-51) | Date Sampled: 01/15/14 |
| Lab Sample ID: JB57834-5 | Date Received: 01/15/14 |
| Matrix: SO - Soil | Percent Solids: 97.2 |
| Method: SW846 8260C SW846 5035 | |
| Project: Flushing Commons, Union Street, Flushing, NY | |

| Run #1 | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|-----------|----|----------|-----|----------------|------------|------------------|
| Run #2 | I191776.D | 1 | 01/16/14 | SJM | 01/16/14 11:00 | n/a | VI7747 |

| Run #1 | Initial Weight |
|--------|----------------|
| Run #2 | 4.6 g |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|-----------------------------|--------|-----|------|-------|---|
| 67-64-1 | Acetone | ND | 11 | 5.1 | ug/kg | |
| 71-43-2 | Benzene | ND | 1.1 | 0.14 | ug/kg | |
| 74-97-5 | Bromochloromethane | ND | 5.6 | 0.58 | ug/kg | |
| 75-27-4 | Bromodichloromethane | ND | 5.6 | 0.31 | ug/kg | |
| 75-25-2 | Bromoform | ND | 5.6 | 0.29 | ug/kg | |
| 74-83-9 | Bromomethane | ND | 5.6 | 0.54 | ug/kg | |
| 78-93-3 | 2-Butanone (MEK) | ND | 11 | 4.9 | ug/kg | |
| 75-15-0 | Carbon disulfide | ND | 5.6 | 0.16 | ug/kg | |
| 56-23-5 | Carbon tetrachloride | ND | 5.6 | 0.28 | ug/kg | |
| 108-90-7 | Chlorobenzene | ND | 5.6 | 0.22 | ug/kg | |
| 75-00-3 | Chloroethane | ND | 5.6 | 1.1 | ug/kg | |
| 67-66-3 | Chloroform | ND | 5.6 | 0.28 | ug/kg | |
| 74-87-3 | Chloromethane | ND | 5.6 | 0.38 | ug/kg | |
| 110-82-7 | Cyclohexane | ND | 5.6 | 0.29 | ug/kg | |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ND | 11 | 1.5 | ug/kg | |
| 124-48-1 | Dibromochloromethane | ND | 5.6 | 0.27 | ug/kg | |
| 106-93-4 | 1,2-Dibromoethane | ND | 1.1 | 0.61 | ug/kg | |
| 95-50-1 | 1,2-Dichlorobenzene | ND | 5.6 | 0.38 | ug/kg | |
| 541-73-1 | 1,3-Dichlorobenzene | ND | 5.6 | 0.24 | ug/kg | |
| 106-46-7 | 1,4-Dichlorobenzene | ND | 5.6 | 0.28 | ug/kg | |
| 75-71-8 | Dichlorodifluoromethane | ND | 5.6 | 0.39 | ug/kg | |
| 75-34-3 | 1,1-Dichloroethane | ND | 5.6 | 0.35 | ug/kg | |
| 107-06-2 | 1,2-Dichloroethane | ND | 1.1 | 0.36 | ug/kg | |
| 75-35-4 | 1,1-Dichloroethene | ND | 5.6 | 0.32 | ug/kg | |
| 156-59-2 | cis-1,2-Dichloroethene | ND | 5.6 | 0.23 | ug/kg | |
| 156-60-5 | trans-1,2-Dichloroethene | ND | 5.6 | 0.47 | ug/kg | |
| 78-87-5 | 1,2-Dichloropropane | ND | 5.6 | 0.49 | ug/kg | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 5.6 | 0.25 | ug/kg | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 5.6 | 0.30 | ug/kg | |
| 100-41-4 | Ethylbenzene | ND | 1.1 | 0.20 | ug/kg | |
| 76-13-1 | Freon 113 | ND | 5.6 | 0.49 | ug/kg | |
| 591-78-6 | 2-Hexanone | ND | 5.6 | 2.0 | ug/kg | |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | | | |
|-------------------|--|-----------------|----------|
| Client Sample ID: | SB-7B (49-51) | Date Sampled: | 01/15/14 |
| Lab Sample ID: | JB57834-5 | Date Received: | 01/15/14 |
| Matrix: | SO - Soil | Percent Solids: | 97.2 |
| Method: | SW846 8260C SW846 5035 | | |
| Project: | Flushing Commons, Union Street, Flushing, NY | | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|----------------------------|--------|-----|------|-------|---|
| 98-82-8 | Isopropylbenzene | ND | 5.6 | 0.16 | ug/kg | |
| 79-20-9 | Methyl Acetate | ND | 5.6 | 1.9 | ug/kg | |
| 108-87-2 | Methylcyclohexane | ND | 5.6 | 0.18 | ug/kg | |
| 1634-04-4 | Methyl Tert Butyl Ether | ND | 1.1 | 0.38 | ug/kg | |
| 108-10-1 | 4-Methyl-2-pentanone(MIBK) | ND | 5.6 | 1.5 | ug/kg | |
| 75-09-2 | Methylene chloride | ND | 5.6 | 1.9 | ug/kg | |
| 100-42-5 | Styrene | ND | 5.6 | 0.26 | ug/kg | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 5.6 | 0.38 | ug/kg | |
| 127-18-4 | Tetrachloroethene | 1.0 | 5.6 | 0.46 | ug/kg | J |
| 108-88-3 | Toluene | ND | 1.1 | 0.16 | ug/kg | |
| 87-61-6 | 1,2,3-Trichlorobenzene | ND | 5.6 | 0.23 | ug/kg | |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | 5.6 | 0.20 | ug/kg | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 5.6 | 0.32 | ug/kg | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 5.6 | 0.92 | ug/kg | |
| 79-01-6 | Trichloroethene | ND | 5.6 | 0.39 | ug/kg | |
| 75-69-4 | Trichlorofluoromethane | ND | 5.6 | 0.25 | ug/kg | |
| 75-01-4 | Vinyl chloride | ND | 5.6 | 0.38 | ug/kg | |
| | m,p-Xylene | ND | 1.1 | 0.54 | ug/kg | |
| 95-47-6 | o-Xylene | ND | 1.1 | 0.20 | ug/kg | |
| 1330-20-7 | Xylene (total) | ND | 1.1 | 0.20 | ug/kg | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|------------|-----------------------|--------|--------|---------|
| 1868-53-7 | Dibromofluoromethane | 87% | | 59-130% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 92% | | 65-123% |
| 2037-26-5 | Toluene-D8 | 97% | | 80-124% |
| 460-00-4 | 4-Bromofluorobenzene | 113% | | 71-132% |

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

| | | | |
|-------------------|--|-----------------|----------|
| Client Sample ID: | SB-7B (49-51) | Date Sampled: | 01/15/14 |
| Lab Sample ID: | JB57834-5 | Date Received: | 01/15/14 |
| Matrix: | SO - Soil | Percent Solids: | 97.2 |
| Method: | SW846 8270D SW846 3550C | | |
| Project: | Flushing Commons, Union Street, Flushing, NY | | |

| Run #1 | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|----------|----|----------|-----|-----------|------------|------------------|
| Run #2 | Z88142.D | 1 | 01/17/14 | ALS | 01/16/14 | OP72054 | EZ4400 |

| Run #1 | Initial Weight | Final Volume |
|--------|----------------|--------------|
| Run #2 | 32.1 g | 1.0 ml |

ABN TCL List (SOM0 2.0)

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|----------------------------|--------|-----|-----|-------|---|
| 95-57-8 | 2-Chlorophenol | ND | 64 | 32 | ug/kg | |
| 59-50-7 | 4-Chloro-3-methyl phenol | ND | 160 | 32 | ug/kg | |
| 120-83-2 | 2,4-Dichlorophenol | ND | 160 | 52 | ug/kg | |
| 105-67-9 | 2,4-Dimethylphenol | ND | 160 | 54 | ug/kg | |
| 51-28-5 | 2,4-Dinitrophenol | ND | 640 | 39 | ug/kg | |
| 534-52-1 | 4,6-Dinitro-o-cresol | ND | 640 | 39 | ug/kg | |
| 95-48-7 | 2-Methylphenol | ND | 64 | 37 | ug/kg | |
| | 3&4-Methylphenol | ND | 64 | 41 | ug/kg | |
| 88-75-5 | 2-Nitrophenol | ND | 160 | 34 | ug/kg | |
| 100-02-7 | 4-Nitrophenol | ND | 320 | 54 | ug/kg | |
| 87-86-5 | Pentachlorophenol | ND | 320 | 55 | ug/kg | |
| 108-95-2 | Phenol | ND | 64 | 34 | ug/kg | |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | ND | 160 | 33 | ug/kg | |
| 95-95-4 | 2,4,5-Trichlorophenol | ND | 160 | 37 | ug/kg | |
| 88-06-2 | 2,4,6-Trichlorophenol | ND | 160 | 30 | ug/kg | |
| 83-32-9 | Acenaphthene | ND | 32 | 9.3 | ug/kg | |
| 208-96-8 | Acenaphthylene | ND | 32 | 10 | ug/kg | |
| 98-86-2 | Acetophenone | ND | 160 | 5.6 | ug/kg | |
| 120-12-7 | Anthracene | ND | 32 | 11 | ug/kg | |
| 1912-24-9 | Atrazine | ND | 64 | 6.3 | ug/kg | |
| 56-55-3 | Benzo(a)anthracene | ND | 32 | 10 | ug/kg | |
| 50-32-8 | Benzo(a)pyrene | ND | 32 | 9.8 | ug/kg | |
| 205-99-2 | Benzo(b)fluoranthene | ND | 32 | 11 | ug/kg | |
| 191-24-2 | Benzo(g,h,i)perylene | ND | 32 | 12 | ug/kg | |
| 207-08-9 | Benzo(k)fluoranthene | ND | 32 | 12 | ug/kg | |
| 101-55-3 | 4-Bromophenyl phenyl ether | ND | 64 | 12 | ug/kg | |
| 85-68-7 | Butyl benzyl phthalate | ND | 64 | 19 | ug/kg | |
| 92-52-4 | 1,1'-Biphenyl | ND | 64 | 3.7 | ug/kg | |
| 100-52-7 | Benzaldehyde | ND | 160 | 7.4 | ug/kg | |
| 91-58-7 | 2-Chloronaphthalene | ND | 64 | 9.9 | ug/kg | |
| 106-47-8 | 4-Chloroaniline | ND | 160 | 10 | ug/kg | |
| 86-74-8 | Carbazole | ND | 64 | 15 | ug/kg | |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | | | |
|-------------------|--|-----------------|----------|
| Client Sample ID: | SB-7B (49-51) | Date Sampled: | 01/15/14 |
| Lab Sample ID: | JB57834-5 | Date Received: | 01/15/14 |
| Matrix: | SO - Soil | Percent Solids: | 97.2 |
| Method: | SW846 8270D SW846 3550C | | |
| Project: | Flushing Commons, Union Street, Flushing, NY | | |

ABN TCL List (SOM0 2.0)

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|-----------------------------|--------|-----|-----|-------|---|
| 105-60-2 | Caprolactam | ND | 64 | 10 | ug/kg | |
| 218-01-9 | Chrysene | ND | 32 | 11 | ug/kg | |
| 111-91-1 | bis(2-Chloroethoxy)methane | ND | 64 | 13 | ug/kg | |
| 111-44-4 | bis(2-Chloroethyl)ether | ND | 64 | 9.6 | ug/kg | |
| 108-60-1 | bis(2-Chloroisopropyl)ether | ND | 64 | 9.5 | ug/kg | |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | ND | 64 | 9.6 | ug/kg | |
| 121-14-2 | 2,4-Dinitrotoluene | ND | 32 | 14 | ug/kg | |
| 606-20-2 | 2,6-Dinitrotoluene | ND | 32 | 12 | ug/kg | |
| 91-94-1 | 3,3'-Dichlorobenzidine | ND | 64 | 8.1 | ug/kg | |
| 53-70-3 | Dibenzo(a,h)anthracene | ND | 32 | 11 | ug/kg | |
| 132-64-9 | Dibenzofuran | ND | 64 | 9.5 | ug/kg | |
| 84-74-2 | Di-n-butyl phthalate | ND | 64 | 7.1 | ug/kg | |
| 117-84-0 | Di-n-octyl phthalate | ND | 64 | 16 | ug/kg | |
| 84-66-2 | Diethyl phthalate | ND | 64 | 11 | ug/kg | |
| 131-11-3 | Dimethyl phthalate | ND | 64 | 11 | ug/kg | |
| 117-81-7 | bis(2-Ethylhexyl)phthalate | ND | 64 | 28 | ug/kg | |
| 206-44-0 | Fluoranthene | ND | 32 | 14 | ug/kg | |
| 86-73-7 | Fluorene | ND | 32 | 11 | ug/kg | |
| 118-74-1 | Hexachlorobenzene | ND | 64 | 10 | ug/kg | |
| 87-68-3 | Hexachlorobutadiene | ND | 32 | 8.9 | ug/kg | |
| 77-47-4 | Hexachlorocyclopentadiene | ND | 320 | 33 | ug/kg | |
| 67-72-1 | Hexachloroethane | ND | 160 | 8.9 | ug/kg | |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | ND | 32 | 11 | ug/kg | |
| 78-59-1 | Isophorone | ND | 64 | 8.6 | ug/kg | |
| 91-57-6 | 2-Methylnaphthalene | ND | 64 | 18 | ug/kg | |
| 88-74-4 | 2-Nitroaniline | ND | 160 | 14 | ug/kg | |
| 99-09-2 | 3-Nitroaniline | ND | 160 | 13 | ug/kg | |
| 100-01-6 | 4-Nitroaniline | ND | 160 | 12 | ug/kg | |
| 91-20-3 | Naphthalene | ND | 32 | 8.7 | ug/kg | |
| 98-95-3 | Nitrobenzene | ND | 64 | 9.3 | ug/kg | |
| 621-64-7 | N-Nitroso-di-n-propylamine | ND | 64 | 7.8 | ug/kg | |
| 86-30-6 | N-Nitrosodiphenylamine | ND | 160 | 19 | ug/kg | |
| 85-01-8 | Phenanthrene | ND | 32 | 15 | ug/kg | |
| 129-00-0 | Pyrene | ND | 32 | 12 | ug/kg | |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | ND | 160 | 9.8 | ug/kg | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|------------|----------------------|--------|--------|---------|
| 367-12-4 | 2-Fluorophenol | 98% | | 13-110% |
| 14165-62-2 | Phenol-d5 | 85% | | 15-110% |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | |
|--|--------------------------------|
| Client Sample ID: SB-7B (49-51) | Date Sampled: 01/15/14 |
| Lab Sample ID: JB57834-5 | Date Received: 01/15/14 |
| Matrix: SO - Soil | Percent Solids: 97.2 |
| Method: SW846 8270D SW846 3550C | |
| Project: Flushing Commons, Union Street, Flushing, NY | |

ABN TCL List (SOM0 2.0)

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|-----------|----------------------|--------|--------|---------|
| 118-79-6 | 2,4,6-Tribromophenol | 80% | | 20-123% |
| 4165-60-0 | Nitrobenzene-d5 | 72% | | 10-110% |
| 321-60-8 | 2-Fluorobiphenyl | 70% | | 17-110% |
| 1718-51-0 | Terphenyl-d14 | 78% | | 30-124% |

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

4.12
4

Report of Analysis

| | |
|---|-------------------------|
| Client Sample ID: SB-7B (49-51) | Date Sampled: 01/15/14 |
| Lab Sample ID: JB57834-5 | Date Received: 01/15/14 |
| Matrix: SO - Soil | Percent Solids: 97.2 |
| Method: SW846 8081B SW846 3546 | |
| Project: Flushing Commons, Union Street, Flushing, NY | |

| Run # | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|-----------|----|----------|----|-----------|------------|------------------|
| Run #1 | 4G40249.D | 1 | 01/17/14 | DG | 01/16/14 | OP72052 | G4G1004 |
| Run #2 | | | | | | | |

| Run # | Initial Weight | Final Volume |
|--------|----------------|--------------|
| Run #1 | 16.1 g | 1.0 ml |
| Run #2 | | |

Pesticide TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|---------------------|--------|-------|-------|-------|---|
| 309-00-2 | Aldrin | ND | 0.064 | 0.029 | ug/kg | |
| 319-84-6 | alpha-BHC | ND | 0.064 | 0.019 | ug/kg | |
| 319-85-7 | beta-BHC | ND | 0.064 | 0.040 | ug/kg | |
| 319-86-8 | delta-BHC | ND | 0.064 | 0.032 | ug/kg | |
| 58-89-9 | gamma-BHC (Lindane) | ND | 0.064 | 0.031 | ug/kg | |
| 5103-71-9 | alpha-Chlordane | ND | 0.064 | 0.024 | ug/kg | |
| 5103-74-2 | gamma-Chlordane | ND | 0.064 | 0.044 | ug/kg | |
| 60-57-1 | Dieldrin | ND | 0.064 | 0.025 | ug/kg | |
| 72-54-8 | 4,4'-DDD | ND | 0.064 | 0.035 | ug/kg | |
| 72-55-9 | 4,4'-DDE | ND | 0.064 | 0.026 | ug/kg | |
| 50-29-3 | 4,4'-DDT | ND | 0.064 | 0.032 | ug/kg | |
| 72-20-8 | Endrin | ND | 0.064 | 0.021 | ug/kg | |
| 1031-07-8 | Endosulfan sulfate | ND | 0.064 | 0.027 | ug/kg | |
| 7421-93-4 | Endrin aldehyde | ND | 0.064 | 0.033 | ug/kg | |
| 959-98-8 | Endosulfan-I | ND | 0.064 | 0.024 | ug/kg | |
| 33213-65-9 | Endosulfan-II | ND | 0.064 | 0.038 | ug/kg | |
| 76-44-8 | Heptachlor | ND | 0.064 | 0.031 | ug/kg | |
| 1024-57-3 | Heptachlor epoxide | ND | 0.064 | 0.024 | ug/kg | |
| 72-43-5 | Methoxychlor | ND | 0.13 | 0.063 | ug/kg | |
| 53494-70-5 | Endrin ketone | ND | 0.064 | 0.026 | ug/kg | |
| 8001-35-2 | Toxaphene | ND | 1.6 | 0.81 | ug/kg | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|-----------|----------------------|--------|--------|---------|
| 877-09-8 | Tetrachloro-m-xylene | 82% | | 10-147% |
| 877-09-8 | Tetrachloro-m-xylene | 84% | | 10-147% |
| 2051-24-3 | Decachlorobiphenyl | 66% | | 10-154% |
| 2051-24-3 | Decachlorobiphenyl | 77% | | 10-154% |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | |
|--|--|
| Client Sample ID: SB-7B (49-51) Lab Sample ID: JB57834-5 Matrix: SO - Soil Method: SW846 8082A SW846 3546 Project: Flushing Commons, Union Street, Flushing, NY | Date Sampled: 01/15/14 Date Received: 01/15/14 Percent Solids: 97.2 |
|--|--|

| Run # | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|------------|----|----------|----|-----------|------------|------------------|
| Run #1 | XX144272.D | 1 | 01/16/14 | JR | 01/16/14 | OP72051 | GXX4866 |
| Run #2 | | | | | | | |

| Run # | Initial Weight | Final Volume |
|--------|----------------|--------------|
| Run #1 | 16.2 g | 1.0 ml |
| Run #2 | | |

PCB List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|--------------|--------|-----|------|-------|---|
| 12674-11-2 | Aroclor 1016 | ND | 3.2 | 0.83 | ug/kg | |
| 11104-28-2 | Aroclor 1221 | ND | 3.2 | 1.9 | ug/kg | |
| 11141-16-5 | Aroclor 1232 | ND | 3.2 | 1.6 | ug/kg | |
| 53469-21-9 | Aroclor 1242 | ND | 3.2 | 1.0 | ug/kg | |
| 12672-29-6 | Aroclor 1248 | ND | 3.2 | 0.97 | ug/kg | |
| 11097-69-1 | Aroclor 1254 | ND | 3.2 | 1.5 | ug/kg | |
| 11096-82-5 | Aroclor 1260 | ND | 3.2 | 1.0 | ug/kg | |
| 11100-14-4 | Aroclor 1268 | ND | 3.2 | 0.93 | ug/kg | |
| 37324-23-5 | Aroclor 1262 | ND | 3.2 | 1.0 | ug/kg | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|-----------|----------------------|--------|--------|---------|
| 877-09-8 | Tetrachloro-m-xylene | 77% | | 14-139% |
| 877-09-8 | Tetrachloro-m-xylene | 79% | | 14-139% |
| 2051-24-3 | Decachlorobiphenyl | 96% | | 10-155% |
| 2051-24-3 | Decachlorobiphenyl | 80% | | 10-155% |

ND = Not detected MDL - Method Detection Limit J = Indicates an estimated value
 RL = Reporting Limit B = Indicates analyte found in associated method blank
 E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

4.12
4

Report of Analysis

| | |
|---|-------------------------|
| Client Sample ID: SB-7B (49-51) | Date Sampled: 01/15/14 |
| Lab Sample ID: JB57834-5 | Date Received: 01/15/14 |
| Matrix: SO - Soil | Percent Solids: 97.2 |
| Project: Flushing Commons, Union Street, Flushing, NY | |

Metals Analysis

| Analyte | Result | RL | Units | DF | Prep | Analyzed By | Method | Prep Method |
|-----------|---------|-------|-------|----|----------|-------------|-----------------------------|--------------------------|
| Aluminum | 3850 | 52 | mg/kg | 1 | 01/16/14 | 01/21/14 | ND SW846 6010C ³ | SW846 3050B ⁵ |
| Antimony | < 2.1 | 2.1 | mg/kg | 1 | 01/16/14 | 01/17/14 | ND SW846 6010C ² | SW846 3050B ⁵ |
| Arsenic | < 2.1 | 2.1 | mg/kg | 1 | 01/16/14 | 01/17/14 | ND SW846 6010C ² | SW846 3050B ⁵ |
| Barium | 33.3 | 21 | mg/kg | 1 | 01/16/14 | 01/21/14 | ND SW846 6010C ³ | SW846 3050B ⁵ |
| Beryllium | 0.23 | 0.21 | mg/kg | 1 | 01/16/14 | 01/21/14 | ND SW846 6010C ³ | SW846 3050B ⁵ |
| Cadmium | < 0.52 | 0.52 | mg/kg | 1 | 01/16/14 | 01/17/14 | ND SW846 6010C ² | SW846 3050B ⁵ |
| Calcium | 689 | 520 | mg/kg | 1 | 01/16/14 | 01/21/14 | ND SW846 6010C ³ | SW846 3050B ⁵ |
| Chromium | 12.9 | 1.0 | mg/kg | 1 | 01/16/14 | 01/21/14 | ND SW846 6010C ³ | SW846 3050B ⁵ |
| Cobalt | < 5.2 | 5.2 | mg/kg | 1 | 01/16/14 | 01/17/14 | ND SW846 6010C ² | SW846 3050B ⁵ |
| Copper | 6.5 | 2.6 | mg/kg | 1 | 01/16/14 | 01/21/14 | ND SW846 6010C ³ | SW846 3050B ⁵ |
| Iron | 10100 | 52 | mg/kg | 1 | 01/16/14 | 01/21/14 | ND SW846 6010C ³ | SW846 3050B ⁵ |
| Lead | 2.3 | 2.1 | mg/kg | 1 | 01/16/14 | 01/17/14 | ND SW846 6010C ² | SW846 3050B ⁵ |
| Magnesium | 1620 | 520 | mg/kg | 1 | 01/16/14 | 01/21/14 | ND SW846 6010C ³ | SW846 3050B ⁵ |
| Manganese | 188 | 1.6 | mg/kg | 1 | 01/16/14 | 01/22/14 | KK SW846 6010C ⁴ | SW846 3050B ⁵ |
| Mercury | < 0.034 | 0.034 | mg/kg | 1 | 01/17/14 | 01/17/14 | DP SW846 7471B ¹ | SW846 7471B ⁶ |
| Nickel | 9.7 | 4.2 | mg/kg | 1 | 01/16/14 | 01/17/14 | ND SW846 6010C ² | SW846 3050B ⁵ |
| Potassium | 1250 | 1000 | mg/kg | 1 | 01/16/14 | 01/21/14 | ND SW846 6010C ³ | SW846 3050B ⁵ |
| Selenium | < 2.1 | 2.1 | mg/kg | 1 | 01/16/14 | 01/17/14 | ND SW846 6010C ² | SW846 3050B ⁵ |
| Silver | < 0.52 | 0.52 | mg/kg | 1 | 01/16/14 | 01/21/14 | ND SW846 6010C ³ | SW846 3050B ⁵ |
| Sodium | < 1000 | 1000 | mg/kg | 1 | 01/16/14 | 01/21/14 | ND SW846 6010C ³ | SW846 3050B ⁵ |
| Thallium | < 1.0 | 1.0 | mg/kg | 1 | 01/16/14 | 01/17/14 | ND SW846 6010C ² | SW846 3050B ⁵ |
| Vanadium | 15.3 | 5.2 | mg/kg | 1 | 01/16/14 | 01/21/14 | ND SW846 6010C ³ | SW846 3050B ⁵ |
| Zinc | 15.3 | 2.1 | mg/kg | 1 | 01/16/14 | 01/17/14 | ND SW846 6010C ² | SW846 3050B ⁵ |

- (1) Instrument QC Batch: MA33090
- (2) Instrument QC Batch: MA33099
- (3) Instrument QC Batch: MA33117
- (4) Instrument QC Batch: MA33124
- (5) Prep QC Batch: MP77247
- (6) Prep QC Batch: MP77269

RL = Reporting Limit

Report of Analysis

| | |
|---|-------------------------|
| Client Sample ID: SB-3 (0-2) | Date Sampled: 01/17/14 |
| Lab Sample ID: JB58123-3 | Date Received: 01/17/14 |
| Matrix: SO - Soil | Percent Solids: 91.0 |
| Method: SW846 8260C SW846 5035 | |
| Project: Flushing Commons, Union Street, Flushing, NY | |

| Run #1 | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|-----------|----|----------|-----|----------------|------------|------------------|
| Run #2 | I191966.D | 1 | 01/23/14 | SJM | 01/18/14 11:00 | n/a | VI7755 |

| Run #1 | Initial Weight |
|--------|----------------|
| Run #2 | 6.0 g |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|-----------------------------|--------|------|------|-------|---|
| 67-64-1 | Acetone | ND | 9.2 | 4.2 | ug/kg | |
| 71-43-2 | Benzene | ND | 0.92 | 0.12 | ug/kg | |
| 74-97-5 | Bromochloromethane | ND | 4.6 | 0.48 | ug/kg | |
| 75-27-4 | Bromodichloromethane | ND | 4.6 | 0.26 | ug/kg | |
| 75-25-2 | Bromoform | ND | 4.6 | 0.24 | ug/kg | |
| 74-83-9 | Bromomethane | ND | 4.6 | 0.44 | ug/kg | |
| 78-93-3 | 2-Butanone (MEK) | ND | 9.2 | 4.0 | ug/kg | |
| 75-15-0 | Carbon disulfide | ND | 4.6 | 0.13 | ug/kg | |
| 56-23-5 | Carbon tetrachloride | ND | 4.6 | 0.23 | ug/kg | |
| 108-90-7 | Chlorobenzene | ND | 4.6 | 0.18 | ug/kg | |
| 75-00-3 | Chloroethane | ND | 4.6 | 0.91 | ug/kg | |
| 67-66-3 | Chloroform | ND | 4.6 | 0.23 | ug/kg | |
| 74-87-3 | Chloromethane | ND | 4.6 | 0.31 | ug/kg | |
| 110-82-7 | Cyclohexane | ND | 4.6 | 0.24 | ug/kg | |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ND | 9.2 | 1.2 | ug/kg | |
| 124-48-1 | Dibromochloromethane | ND | 4.6 | 0.22 | ug/kg | |
| 106-93-4 | 1,2-Dibromoethane | ND | 0.92 | 0.50 | ug/kg | |
| 95-50-1 | 1,2-Dichlorobenzene | ND | 4.6 | 0.31 | ug/kg | |
| 541-73-1 | 1,3-Dichlorobenzene | ND | 4.6 | 0.20 | ug/kg | |
| 106-46-7 | 1,4-Dichlorobenzene | ND | 4.6 | 0.23 | ug/kg | |
| 75-71-8 | Dichlorodifluoromethane | ND | 4.6 | 0.32 | ug/kg | |
| 75-34-3 | 1,1-Dichloroethane | ND | 4.6 | 0.29 | ug/kg | |
| 107-06-2 | 1,2-Dichloroethane | ND | 0.92 | 0.29 | ug/kg | |
| 75-35-4 | 1,1-Dichloroethene | ND | 4.6 | 0.26 | ug/kg | |
| 156-59-2 | cis-1,2-Dichloroethene | ND | 4.6 | 0.19 | ug/kg | |
| 156-60-5 | trans-1,2-Dichloroethene | ND | 4.6 | 0.39 | ug/kg | |
| 78-87-5 | 1,2-Dichloropropane | ND | 4.6 | 0.40 | ug/kg | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 4.6 | 0.21 | ug/kg | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 4.6 | 0.25 | ug/kg | |
| 100-41-4 | Ethylbenzene | ND | 0.92 | 0.16 | ug/kg | |
| 76-13-1 | Freon 113 | ND | 4.6 | 0.40 | ug/kg | |
| 591-78-6 | 2-Hexanone | ND | 4.6 | 1.6 | ug/kg | |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | | | |
|-------------------|--|-----------------|----------|
| Client Sample ID: | SB-3 (0-2) | Date Sampled: | 01/17/14 |
| Lab Sample ID: | JB58123-3 | Date Received: | 01/17/14 |
| Matrix: | SO - Soil | Percent Solids: | 91.0 |
| Method: | SW846 8260C SW846 5035 | | |
| Project: | Flushing Commons, Union Street, Flushing, NY | | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|----------------------------|--------|------|------|-------|---|
| 98-82-8 | Isopropylbenzene | ND | 4.6 | 0.13 | ug/kg | |
| 79-20-9 | Methyl Acetate | ND | 4.6 | 1.5 | ug/kg | |
| 108-87-2 | Methylcyclohexane | ND | 4.6 | 0.15 | ug/kg | |
| 1634-04-4 | Methyl Tert Butyl Ether | ND | 0.92 | 0.31 | ug/kg | |
| 108-10-1 | 4-Methyl-2-pentanone(MIBK) | ND | 4.6 | 1.2 | ug/kg | |
| 75-09-2 | Methylene chloride | ND | 4.6 | 1.6 | ug/kg | |
| 100-42-5 | Styrene | ND | 4.6 | 0.21 | ug/kg | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 4.6 | 0.31 | ug/kg | |
| 127-18-4 | Tetrachloroethene | ND | 4.6 | 0.38 | ug/kg | |
| 108-88-3 | Toluene | ND | 0.92 | 0.13 | ug/kg | |
| 87-61-6 | 1,2,3-Trichlorobenzene | ND | 4.6 | 0.19 | ug/kg | |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | 4.6 | 0.17 | ug/kg | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 4.6 | 0.26 | ug/kg | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 4.6 | 0.75 | ug/kg | |
| 79-01-6 | Trichloroethene | ND | 4.6 | 0.32 | ug/kg | |
| 75-69-4 | Trichlorofluoromethane | ND | 4.6 | 0.21 | ug/kg | |
| 75-01-4 | Vinyl chloride | ND | 4.6 | 0.31 | ug/kg | |
| | m,p-Xylene | ND | 0.92 | 0.44 | ug/kg | |
| 95-47-6 | o-Xylene | ND | 0.92 | 0.16 | ug/kg | |
| 1330-20-7 | Xylene (total) | ND | 0.92 | 0.16 | ug/kg | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|------------|-----------------------|--------|--------|---------|
| 1868-53-7 | Dibromofluoromethane | 97% | | 59-130% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 99% | | 65-123% |
| 2037-26-5 | Toluene-D8 | 96% | | 80-124% |
| 460-00-4 | 4-Bromofluorobenzene | 100% | | 71-132% |

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

| | |
|---|-------------------------|
| Client Sample ID: SB-3 (0-2) | Date Sampled: 01/17/14 |
| Lab Sample ID: JB58123-3 | Date Received: 01/17/14 |
| Matrix: SO - Soil | Percent Solids: 91.0 |
| Method: SW846 8270D SW846 3550C | |
| Project: Flushing Commons, Union Street, Flushing, NY | |

| Run #1 | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|----------|----|----------|----|-----------|------------|------------------|
| Run #2 | P81959.D | 1 | 01/21/14 | AD | 01/20/14 | OP72113 | EP3489 |

| Run #1 | Initial Weight | Final Volume |
|--------|----------------|--------------|
| Run #2 | 30.0 g | 1.0 ml |

ABN TCL List (SOM0 2.0)

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|----------------------------|--------|-----|-----|-------|---|
| 95-57-8 | 2-Chlorophenol | ND | 73 | 37 | ug/kg | |
| 59-50-7 | 4-Chloro-3-methyl phenol | ND | 180 | 37 | ug/kg | |
| 120-83-2 | 2,4-Dichlorophenol | ND | 180 | 59 | ug/kg | |
| 105-67-9 | 2,4-Dimethylphenol | ND | 180 | 62 | ug/kg | |
| 51-28-5 | 2,4-Dinitrophenol | ND | 730 | 45 | ug/kg | |
| 534-52-1 | 4,6-Dinitro-o-cresol | ND | 730 | 45 | ug/kg | |
| 95-48-7 | 2-Methylphenol | ND | 73 | 42 | ug/kg | |
| | 3&4-Methylphenol | ND | 73 | 47 | ug/kg | |
| 88-75-5 | 2-Nitrophenol | ND | 180 | 39 | ug/kg | |
| 100-02-7 | 4-Nitrophenol | ND | 370 | 62 | ug/kg | |
| 87-86-5 | Pentachlorophenol | ND | 370 | 63 | ug/kg | |
| 108-95-2 | Phenol | ND | 73 | 38 | ug/kg | |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | ND | 180 | 38 | ug/kg | |
| 95-95-4 | 2,4,5-Trichlorophenol | ND | 180 | 42 | ug/kg | |
| 88-06-2 | 2,4,6-Trichlorophenol | ND | 180 | 34 | ug/kg | |
| 83-32-9 | Acenaphthene | ND | 37 | 11 | ug/kg | |
| 208-96-8 | Acenaphthylene | ND | 37 | 12 | ug/kg | |
| 98-86-2 | Acetophenone | ND | 180 | 6.4 | ug/kg | |
| 120-12-7 | Anthracene | ND | 37 | 13 | ug/kg | |
| 1912-24-9 | Atrazine | ND | 73 | 7.2 | ug/kg | |
| 56-55-3 | Benzo(a)anthracene | ND | 37 | 12 | ug/kg | |
| 50-32-8 | Benzo(a)pyrene | ND | 37 | 11 | ug/kg | |
| 205-99-2 | Benzo(b)fluoranthene | ND | 37 | 12 | ug/kg | |
| 191-24-2 | Benzo(g,h,i)perylene | ND | 37 | 14 | ug/kg | |
| 207-08-9 | Benzo(k)fluoranthene | ND | 37 | 14 | ug/kg | |
| 101-55-3 | 4-Bromophenyl phenyl ether | ND | 73 | 13 | ug/kg | |
| 85-68-7 | Butyl benzyl phthalate | ND | 73 | 21 | ug/kg | |
| 92-52-4 | 1,1'-Biphenyl | ND | 73 | 4.2 | ug/kg | |
| 100-52-7 | Benzaldehyde | ND | 180 | 8.4 | ug/kg | |
| 91-58-7 | 2-Chloronaphthalene | ND | 73 | 11 | ug/kg | |
| 106-47-8 | 4-Chloroaniline | ND | 180 | 12 | ug/kg | |
| 86-74-8 | Carbazole | ND | 73 | 17 | ug/kg | |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | | | |
|-------------------|--|-----------------|----------|
| Client Sample ID: | SB-3 (0-2) | Date Sampled: | 01/17/14 |
| Lab Sample ID: | JB58123-3 | Date Received: | 01/17/14 |
| Matrix: | SO - Soil | Percent Solids: | 91.0 |
| Method: | SW846 8270D SW846 3550C | | |
| Project: | Flushing Commons, Union Street, Flushing, NY | | |

ABN TCL List (SOM0 2.0)

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|-----------------------------|--------|-----|-----|-------|---|
| 105-60-2 | Caprolactam | ND | 73 | 12 | ug/kg | |
| 218-01-9 | Chrysene | ND | 37 | 12 | ug/kg | |
| 111-91-1 | bis(2-Chloroethoxy)methane | ND | 73 | 15 | ug/kg | |
| 111-44-4 | bis(2-Chloroethyl)ether | ND | 73 | 11 | ug/kg | |
| 108-60-1 | bis(2-Chloroisopropyl)ether | ND | 73 | 11 | ug/kg | |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | ND | 73 | 11 | ug/kg | |
| 121-14-2 | 2,4-Dinitrotoluene | ND | 37 | 16 | ug/kg | |
| 606-20-2 | 2,6-Dinitrotoluene | ND | 37 | 14 | ug/kg | |
| 91-94-1 | 3,3'-Dichlorobenzidine | ND | 73 | 9.3 | ug/kg | |
| 123-91-1 | 1,4-Dioxane | ND | 37 | 24 | ug/kg | |
| 53-70-3 | Dibenzo(a,h)anthracene | ND | 37 | 12 | ug/kg | |
| 132-64-9 | Dibenzofuran | ND | 73 | 11 | ug/kg | |
| 84-74-2 | Di-n-butyl phthalate | ND | 73 | 8.1 | ug/kg | |
| 117-84-0 | Di-n-octyl phthalate | ND | 73 | 18 | ug/kg | |
| 84-66-2 | Diethyl phthalate | ND | 73 | 12 | ug/kg | |
| 131-11-3 | Dimethyl phthalate | ND | 73 | 13 | ug/kg | |
| 117-81-7 | bis(2-Ethylhexyl)phthalate | ND | 73 | 32 | ug/kg | |
| 206-44-0 | Fluoranthene | ND | 37 | 16 | ug/kg | |
| 86-73-7 | Fluorene | ND | 37 | 12 | ug/kg | |
| 118-74-1 | Hexachlorobenzene | ND | 73 | 12 | ug/kg | |
| 87-68-3 | Hexachlorobutadiene | ND | 37 | 10 | ug/kg | |
| 77-47-4 | Hexachlorocyclopentadiene | ND | 370 | 37 | ug/kg | |
| 67-72-1 | Hexachloroethane | ND | 180 | 10 | ug/kg | |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | ND | 37 | 13 | ug/kg | |
| 78-59-1 | Isophorone | ND | 73 | 9.9 | ug/kg | |
| 91-57-6 | 2-Methylnaphthalene | ND | 73 | 20 | ug/kg | |
| 88-74-4 | 2-Nitroaniline | ND | 180 | 16 | ug/kg | |
| 99-09-2 | 3-Nitroaniline | ND | 180 | 15 | ug/kg | |
| 100-01-6 | 4-Nitroaniline | ND | 180 | 14 | ug/kg | |
| 91-20-3 | Naphthalene | ND | 37 | 10 | ug/kg | |
| 98-95-3 | Nitrobenzene | ND | 73 | 11 | ug/kg | |
| 621-64-7 | N-Nitroso-di-n-propylamine | ND | 73 | 8.9 | ug/kg | |
| 86-30-6 | N-Nitrosodiphenylamine | ND | 180 | 22 | ug/kg | |
| 85-01-8 | Phenanthrene | ND | 37 | 17 | ug/kg | |
| 129-00-0 | Pyrene | ND | 37 | 14 | ug/kg | |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | ND | 180 | 11 | ug/kg | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|----------|----------------------|--------|--------|---------|
| 367-12-4 | 2-Fluorophenol | 78% | | 13-110% |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | |
|--|--------------------------------|
| Client Sample ID: SB-3 (0-2) | |
| Lab Sample ID: JB58123-3 | Date Sampled: 01/17/14 |
| Matrix: SO - Soil | Date Received: 01/17/14 |
| Method: SW846 8270D SW846 3550C | Percent Solids: 91.0 |
| Project: Flushing Commons, Union Street, Flushing, NY | |

ABN TCL List (SOM0 2.0)

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|-----------|----------------------|--------|--------|---------|
| 4165-62-2 | Phenol-d5 | 74% | | 15-110% |
| 118-79-6 | 2,4,6-Tribromophenol | 73% | | 20-123% |
| 4165-60-0 | Nitrobenzene-d5 | 72% | | 10-110% |
| 321-60-8 | 2-Fluorobiphenyl | 77% | | 17-110% |
| 1718-51-0 | Terphenyl-d14 | 87% | | 30-124% |

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

4.13
4

Report of Analysis

| | |
|---|-------------------------|
| Client Sample ID: SB-3 (0-2) | Date Sampled: 01/17/14 |
| Lab Sample ID: JB58123-3 | Date Received: 01/17/14 |
| Matrix: SO - Soil | Percent Solids: 91.0 |
| Method: SW846 8081B SW846 3546 | |
| Project: Flushing Commons, Union Street, Flushing, NY | |

| Run # | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|-----------|----|----------|----|-----------|------------|------------------|
| Run #1 | 1G98680.D | 1 | 01/22/14 | JN | 01/20/14 | OP72115 | G1G3237 |
| Run #2 | | | | | | | |

| Run # | Initial Weight | Final Volume |
|--------|----------------|--------------|
| Run #1 | 15.7 g | 1.0 ml |
| Run #2 | | |

Pesticide TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|---------------------|--------|-------|-------|-------|---|
| 309-00-2 | Aldrin | ND | 0.070 | 0.032 | ug/kg | |
| 319-84-6 | alpha-BHC | ND | 0.070 | 0.021 | ug/kg | |
| 319-85-7 | beta-BHC | ND | 0.070 | 0.044 | ug/kg | |
| 319-86-8 | delta-BHC | ND | 0.070 | 0.035 | ug/kg | |
| 58-89-9 | gamma-BHC (Lindane) | ND | 0.070 | 0.034 | ug/kg | |
| 5103-71-9 | alpha-Chlordane | ND | 0.070 | 0.026 | ug/kg | |
| 5103-74-2 | gamma-Chlordane | ND | 0.070 | 0.048 | ug/kg | |
| 60-57-1 | Dieldrin | ND | 0.070 | 0.027 | ug/kg | |
| 72-54-8 | 4,4'-DDD | ND | 0.070 | 0.038 | ug/kg | |
| 72-55-9 | 4,4'-DDE | ND | 0.070 | 0.028 | ug/kg | |
| 50-29-3 | 4,4'-DDT | ND | 0.070 | 0.035 | ug/kg | |
| 72-20-8 | Endrin | ND | 0.070 | 0.023 | ug/kg | |
| 1031-07-8 | Endosulfan sulfate | ND | 0.070 | 0.030 | ug/kg | |
| 7421-93-4 | Endrin aldehyde | ND | 0.070 | 0.037 | ug/kg | |
| 959-98-8 | Endosulfan-I | ND | 0.070 | 0.027 | ug/kg | |
| 33213-65-9 | Endosulfan-II | ND | 0.070 | 0.042 | ug/kg | |
| 76-44-8 | Heptachlor | ND | 0.070 | 0.034 | ug/kg | |
| 1024-57-3 | Heptachlor epoxide | ND | 0.070 | 0.026 | ug/kg | |
| 72-43-5 | Methoxychlor | ND | 0.14 | 0.069 | ug/kg | |
| 53494-70-5 | Endrin ketone | ND | 0.070 | 0.028 | ug/kg | |
| 8001-35-2 | Toxaphene | ND | 1.7 | 0.88 | ug/kg | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|-----------|----------------------|--------|--------|---------|
| 877-09-8 | Tetrachloro-m-xylene | 85% | | 10-147% |
| 877-09-8 | Tetrachloro-m-xylene | 71% | | 10-147% |
| 2051-24-3 | Decachlorobiphenyl | 83% | | 10-154% |
| 2051-24-3 | Decachlorobiphenyl | 87% | | 10-154% |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | |
|---|-------------------------|
| Client Sample ID: SB-3 (0-2) | Date Sampled: 01/17/14 |
| Lab Sample ID: JB58123-3 | Date Received: 01/17/14 |
| Matrix: SO - Soil | Percent Solids: 91.0 |
| Project: Flushing Commons, Union Street, Flushing, NY | |

Metals Analysis

| Analyte | Result | RL | Units | DF | Prep | Analyzed By | Method | Prep Method |
|-----------|---------|-------|-------|----|----------|-------------|--------------------------|--------------------------|
| Aluminum | 9180 | 53 | mg/kg | 1 | 01/20/14 | 01/20/14 KK | SW846 6010C ² | SW846 3050B ⁵ |
| Antimony | < 2.1 | 2.1 | mg/kg | 1 | 01/20/14 | 01/20/14 KK | SW846 6010C ² | SW846 3050B ⁵ |
| Arsenic | 2.9 | 2.1 | mg/kg | 1 | 01/20/14 | 01/20/14 KK | SW846 6010C ² | SW846 3050B ⁵ |
| Barium | 61.4 | 21 | mg/kg | 1 | 01/20/14 | 01/20/14 KK | SW846 6010C ² | SW846 3050B ⁵ |
| Beryllium | 0.46 | 0.21 | mg/kg | 1 | 01/20/14 | 01/20/14 KK | SW846 6010C ² | SW846 3050B ⁵ |
| Cadmium | < 0.53 | 0.53 | mg/kg | 1 | 01/20/14 | 01/20/14 KK | SW846 6010C ² | SW846 3050B ⁵ |
| Calcium | 1130 | 530 | mg/kg | 1 | 01/20/14 | 01/20/14 KK | SW846 6010C ² | SW846 3050B ⁵ |
| Chromium | 23.5 | 1.1 | mg/kg | 1 | 01/20/14 | 01/20/14 KK | SW846 6010C ² | SW846 3050B ⁵ |
| Cobalt | 8.9 | 5.3 | mg/kg | 1 | 01/20/14 | 01/20/14 KK | SW846 6010C ² | SW846 3050B ⁵ |
| Copper | 17.0 | 2.6 | mg/kg | 1 | 01/20/14 | 01/20/14 KK | SW846 6010C ² | SW846 3050B ⁵ |
| Iron | 20900 | 53 | mg/kg | 1 | 01/20/14 | 01/20/14 KK | SW846 6010C ² | SW846 3050B ⁵ |
| Lead | 6.5 | 2.1 | mg/kg | 1 | 01/20/14 | 01/20/14 KK | SW846 6010C ² | SW846 3050B ⁵ |
| Magnesium | 2830 | 530 | mg/kg | 1 | 01/20/14 | 01/20/14 KK | SW846 6010C ² | SW846 3050B ⁵ |
| Manganese | 406 | 1.6 | mg/kg | 1 | 01/20/14 | 01/20/14 KK | SW846 6010C ² | SW846 3050B ⁵ |
| Mercury | < 0.032 | 0.032 | mg/kg | 1 | 01/20/14 | 01/20/14 JW | SW846 7471B ¹ | SW846 7471B ⁴ |
| Nickel | 30.0 | 4.2 | mg/kg | 1 | 01/20/14 | 01/20/14 KK | SW846 6010C ² | SW846 3050B ⁵ |
| Potassium | 2010 | 1100 | mg/kg | 1 | 01/20/14 | 01/20/14 KK | SW846 6010C ² | SW846 3050B ⁵ |
| Selenium | < 2.1 | 2.1 | mg/kg | 1 | 01/20/14 | 01/20/14 KK | SW846 6010C ² | SW846 3050B ⁵ |
| Silver | 0.96 | 0.53 | mg/kg | 1 | 01/20/14 | 01/20/14 KK | SW846 6010C ² | SW846 3050B ⁵ |
| Sodium | < 1100 | 1100 | mg/kg | 1 | 01/20/14 | 01/20/14 KK | SW846 6010C ² | SW846 3050B ⁵ |
| Thallium | < 1.1 | 1.1 | mg/kg | 1 | 01/20/14 | 01/20/14 KK | SW846 6010C ² | SW846 3050B ⁵ |
| Vanadium | 29.9 | 5.3 | mg/kg | 1 | 01/20/14 | 01/20/14 KK | SW846 6010C ² | SW846 3050B ⁵ |
| Zinc | 38.5 | 2.1 | mg/kg | 1 | 01/20/14 | 01/22/14 KK | SW846 6010C ³ | SW846 3050B ⁵ |

- (1) Instrument QC Batch: MA33101
- (2) Instrument QC Batch: MA33104
- (3) Instrument QC Batch: MA33128
- (4) Prep QC Batch: MP77302
- (5) Prep QC Batch: MP77305

RL = Reporting Limit

Report of Analysis

| | |
|---|-------------------------|
| Client Sample ID: SB-3 (43-45) | Date Sampled: 01/17/14 |
| Lab Sample ID: JB58123-4 | Date Received: 01/17/14 |
| Matrix: SO - Soil | Percent Solids: 97.1 |
| Method: SW846 8260C SW846 5035 | |
| Project: Flushing Commons, Union Street, Flushing, NY | |

| Run #1 | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|-----------|----|----------|-----|----------------|------------|------------------|
| Run #2 | I191967.D | 1 | 01/23/14 | SJM | 01/18/14 11:00 | n/a | VI7755 |

| Run #1 | Initial Weight |
|--------|----------------|
| Run #2 | 4.5 g |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|-----------------------------|--------|-----|------|-------|---|
| 67-64-1 | Acetone | ND | 11 | 5.2 | ug/kg | |
| 71-43-2 | Benzene | ND | 1.1 | 0.14 | ug/kg | |
| 74-97-5 | Bromochloromethane | ND | 5.7 | 0.59 | ug/kg | |
| 75-27-4 | Bromodichloromethane | ND | 5.7 | 0.32 | ug/kg | |
| 75-25-2 | Bromoform | ND | 5.7 | 0.30 | ug/kg | |
| 74-83-9 | Bromomethane | ND | 5.7 | 0.55 | ug/kg | |
| 78-93-3 | 2-Butanone (MEK) | ND | 11 | 5.0 | ug/kg | |
| 75-15-0 | Carbon disulfide | ND | 5.7 | 0.16 | ug/kg | |
| 56-23-5 | Carbon tetrachloride | ND | 5.7 | 0.29 | ug/kg | |
| 108-90-7 | Chlorobenzene | ND | 5.7 | 0.23 | ug/kg | |
| 75-00-3 | Chloroethane | ND | 5.7 | 1.1 | ug/kg | |
| 67-66-3 | Chloroform | ND | 5.7 | 0.29 | ug/kg | |
| 74-87-3 | Chloromethane | ND | 5.7 | 0.39 | ug/kg | |
| 110-82-7 | Cyclohexane | ND | 5.7 | 0.29 | ug/kg | |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ND | 11 | 1.5 | ug/kg | |
| 124-48-1 | Dibromochloromethane | ND | 5.7 | 0.28 | ug/kg | |
| 106-93-4 | 1,2-Dibromoethane | ND | 1.1 | 0.63 | ug/kg | |
| 95-50-1 | 1,2-Dichlorobenzene | ND | 5.7 | 0.39 | ug/kg | |
| 541-73-1 | 1,3-Dichlorobenzene | ND | 5.7 | 0.25 | ug/kg | |
| 106-46-7 | 1,4-Dichlorobenzene | ND | 5.7 | 0.29 | ug/kg | |
| 75-71-8 | Dichlorodifluoromethane | ND | 5.7 | 0.40 | ug/kg | |
| 75-34-3 | 1,1-Dichloroethane | ND | 5.7 | 0.36 | ug/kg | |
| 107-06-2 | 1,2-Dichloroethane | ND | 1.1 | 0.37 | ug/kg | |
| 75-35-4 | 1,1-Dichloroethene | ND | 5.7 | 0.33 | ug/kg | |
| 156-59-2 | cis-1,2-Dichloroethene | ND | 5.7 | 0.24 | ug/kg | |
| 156-60-5 | trans-1,2-Dichloroethene | ND | 5.7 | 0.48 | ug/kg | |
| 78-87-5 | 1,2-Dichloropropane | ND | 5.7 | 0.50 | ug/kg | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 5.7 | 0.26 | ug/kg | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 5.7 | 0.31 | ug/kg | |
| 100-41-4 | Ethylbenzene | ND | 1.1 | 0.20 | ug/kg | |
| 76-13-1 | Freon 113 | ND | 5.7 | 0.50 | ug/kg | |
| 591-78-6 | 2-Hexanone | ND | 5.7 | 2.0 | ug/kg | |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | | | |
|-------------------|--|-----------------|----------|
| Client Sample ID: | SB-3 (43-45) | Date Sampled: | 01/17/14 |
| Lab Sample ID: | JB58123-4 | Date Received: | 01/17/14 |
| Matrix: | SO - Soil | Percent Solids: | 97.1 |
| Method: | SW846 8260C SW846 5035 | | |
| Project: | Flushing Commons, Union Street, Flushing, NY | | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|----------------------------|--------|-----|------|-------|---|
| 98-82-8 | Isopropylbenzene | ND | 5.7 | 0.17 | ug/kg | |
| 79-20-9 | Methyl Acetate | ND | 5.7 | 1.9 | ug/kg | |
| 108-87-2 | Methylcyclohexane | ND | 5.7 | 0.19 | ug/kg | |
| 1634-04-4 | Methyl Tert Butyl Ether | ND | 1.1 | 0.39 | ug/kg | |
| 108-10-1 | 4-Methyl-2-pentanone(MIBK) | ND | 5.7 | 1.5 | ug/kg | |
| 75-09-2 | Methylene chloride | ND | 5.7 | 1.9 | ug/kg | |
| 100-42-5 | Styrene | ND | 5.7 | 0.27 | ug/kg | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 5.7 | 0.39 | ug/kg | |
| 127-18-4 | Tetrachloroethene | ND | 5.7 | 0.47 | ug/kg | |
| 108-88-3 | Toluene | ND | 1.1 | 0.16 | ug/kg | |
| 87-61-6 | 1,2,3-Trichlorobenzene | ND | 5.7 | 0.24 | ug/kg | |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | 5.7 | 0.21 | ug/kg | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 5.7 | 0.33 | ug/kg | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 5.7 | 0.94 | ug/kg | |
| 79-01-6 | Trichloroethene | ND | 5.7 | 0.40 | ug/kg | |
| 75-69-4 | Trichlorofluoromethane | ND | 5.7 | 0.26 | ug/kg | |
| 75-01-4 | Vinyl chloride | ND | 5.7 | 0.39 | ug/kg | |
| | m,p-Xylene | ND | 1.1 | 0.55 | ug/kg | |
| 95-47-6 | o-Xylene | ND | 1.1 | 0.20 | ug/kg | |
| 1330-20-7 | Xylene (total) | ND | 1.1 | 0.20 | ug/kg | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|------------|-----------------------|--------|--------|---------|
| 1868-53-7 | Dibromofluoromethane | 103% | | 59-130% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 102% | | 65-123% |
| 2037-26-5 | Toluene-D8 | 95% | | 80-124% |
| 460-00-4 | 4-Bromofluorobenzene | 94% | | 71-132% |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | |
|---|-------------------------|
| Client Sample ID: SB-3 (43-45) | Date Sampled: 01/17/14 |
| Lab Sample ID: JB58123-4 | Date Received: 01/17/14 |
| Matrix: SO - Soil | Percent Solids: 97.1 |
| Method: SW846 8270D SW846 3550C | |
| Project: Flushing Commons, Union Street, Flushing, NY | |

| Run #1 | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|----------|----|----------|----|-----------|------------|------------------|
| Run #2 | P81960.D | 1 | 01/21/14 | AD | 01/20/14 | OP72113 | EP3489 |

| Run #1 | Initial Weight | Final Volume |
|--------|----------------|--------------|
| Run #2 | 31.5 g | 1.0 ml |

ABN TCL List (SOM0 2.0)

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|----------------------------|--------|-----|-----|-------|---|
| 95-57-8 | 2-Chlorophenol | ND | 65 | 33 | ug/kg | |
| 59-50-7 | 4-Chloro-3-methyl phenol | ND | 160 | 33 | ug/kg | |
| 120-83-2 | 2,4-Dichlorophenol | ND | 160 | 53 | ug/kg | |
| 105-67-9 | 2,4-Dimethylphenol | ND | 160 | 55 | ug/kg | |
| 51-28-5 | 2,4-Dinitrophenol | ND | 650 | 40 | ug/kg | |
| 534-52-1 | 4,6-Dinitro-o-cresol | ND | 650 | 40 | ug/kg | |
| 95-48-7 | 2-Methylphenol | ND | 65 | 37 | ug/kg | |
| | 3&4-Methylphenol | ND | 65 | 42 | ug/kg | |
| 88-75-5 | 2-Nitrophenol | ND | 160 | 35 | ug/kg | |
| 100-02-7 | 4-Nitrophenol | ND | 330 | 55 | ug/kg | |
| 87-86-5 | Pentachlorophenol | ND | 330 | 56 | ug/kg | |
| 108-95-2 | Phenol | ND | 65 | 34 | ug/kg | |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | ND | 160 | 34 | ug/kg | |
| 95-95-4 | 2,4,5-Trichlorophenol | ND | 160 | 38 | ug/kg | |
| 88-06-2 | 2,4,6-Trichlorophenol | ND | 160 | 31 | ug/kg | |
| 83-32-9 | Acenaphthene | ND | 33 | 9.5 | ug/kg | |
| 208-96-8 | Acenaphthylene | ND | 33 | 10 | ug/kg | |
| 98-86-2 | Acetophenone | ND | 160 | 5.8 | ug/kg | |
| 120-12-7 | Anthracene | ND | 33 | 11 | ug/kg | |
| 1912-24-9 | Atrazine | ND | 65 | 6.4 | ug/kg | |
| 56-55-3 | Benzo(a)anthracene | ND | 33 | 11 | ug/kg | |
| 50-32-8 | Benzo(a)pyrene | ND | 33 | 10 | ug/kg | |
| 205-99-2 | Benzo(b)fluoranthene | ND | 33 | 11 | ug/kg | |
| 191-24-2 | Benzo(g,h,i)perylene | ND | 33 | 12 | ug/kg | |
| 207-08-9 | Benzo(k)fluoranthene | ND | 33 | 12 | ug/kg | |
| 101-55-3 | 4-Bromophenyl phenyl ether | ND | 65 | 12 | ug/kg | |
| 85-68-7 | Butyl benzyl phthalate | ND | 65 | 19 | ug/kg | |
| 92-52-4 | 1,1'-Biphenyl | ND | 65 | 3.8 | ug/kg | |
| 100-52-7 | Benzaldehyde | ND | 160 | 7.5 | ug/kg | |
| 91-58-7 | 2-Chloronaphthalene | ND | 65 | 10 | ug/kg | |
| 106-47-8 | 4-Chloroaniline | ND | 160 | 10 | ug/kg | |
| 86-74-8 | Carbazole | ND | 65 | 15 | ug/kg | |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | | | |
|-------------------|--|-----------------|----------|
| Client Sample ID: | SB-3 (43-45) | Date Sampled: | 01/17/14 |
| Lab Sample ID: | JB58123-4 | Date Received: | 01/17/14 |
| Matrix: | SO - Soil | Percent Solids: | 97.1 |
| Method: | SW846 8270D SW846 3550C | | |
| Project: | Flushing Commons, Union Street, Flushing, NY | | |

ABN TCL List (SOM0 2.0)

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|-----------------------------|--------|-----|-----|-------|---|
| 105-60-2 | Caprolactam | ND | 65 | 10 | ug/kg | |
| 218-01-9 | Chrysene | ND | 33 | 11 | ug/kg | |
| 111-91-1 | bis(2-Chloroethoxy)methane | ND | 65 | 13 | ug/kg | |
| 111-44-4 | bis(2-Chloroethyl)ether | ND | 65 | 9.8 | ug/kg | |
| 108-60-1 | bis(2-Chloroisopropyl)ether | ND | 65 | 9.7 | ug/kg | |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | ND | 65 | 9.8 | ug/kg | |
| 121-14-2 | 2,4-Dinitrotoluene | ND | 33 | 14 | ug/kg | |
| 606-20-2 | 2,6-Dinitrotoluene | ND | 33 | 12 | ug/kg | |
| 91-94-1 | 3,3'-Dichlorobenzidine | ND | 65 | 8.3 | ug/kg | |
| 123-91-1 | 1,4-Dioxane | ND | 33 | 21 | ug/kg | |
| 53-70-3 | Dibenzo(a,h)anthracene | ND | 33 | 11 | ug/kg | |
| 132-64-9 | Dibenzofuran | ND | 65 | 9.7 | ug/kg | |
| 84-74-2 | Di-n-butyl phthalate | ND | 65 | 7.3 | ug/kg | |
| 117-84-0 | Di-n-octyl phthalate | ND | 65 | 16 | ug/kg | |
| 84-66-2 | Diethyl phthalate | ND | 65 | 11 | ug/kg | |
| 131-11-3 | Dimethyl phthalate | ND | 65 | 12 | ug/kg | |
| 117-81-7 | bis(2-Ethylhexyl)phthalate | ND | 65 | 29 | ug/kg | |
| 206-44-0 | Fluoranthene | ND | 33 | 14 | ug/kg | |
| 86-73-7 | Fluorene | ND | 33 | 11 | ug/kg | |
| 118-74-1 | Hexachlorobenzene | ND | 65 | 11 | ug/kg | |
| 87-68-3 | Hexachlorobutadiene | ND | 33 | 9.1 | ug/kg | |
| 77-47-4 | Hexachlorocyclopentadiene | ND | 330 | 33 | ug/kg | |
| 67-72-1 | Hexachloroethane | ND | 160 | 9.1 | ug/kg | |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | ND | 33 | 11 | ug/kg | |
| 78-59-1 | Isophorone | ND | 65 | 8.8 | ug/kg | |
| 91-57-6 | 2-Methylnaphthalene | ND | 65 | 18 | ug/kg | |
| 88-74-4 | 2-Nitroaniline | ND | 160 | 14 | ug/kg | |
| 99-09-2 | 3-Nitroaniline | ND | 160 | 13 | ug/kg | |
| 100-01-6 | 4-Nitroaniline | ND | 160 | 13 | ug/kg | |
| 91-20-3 | Naphthalene | ND | 33 | 8.9 | ug/kg | |
| 98-95-3 | Nitrobenzene | ND | 65 | 9.4 | ug/kg | |
| 621-64-7 | N-Nitroso-di-n-propylamine | ND | 65 | 8.0 | ug/kg | |
| 86-30-6 | N-Nitrosodiphenylamine | ND | 160 | 20 | ug/kg | |
| 85-01-8 | Phenanthrene | ND | 33 | 15 | ug/kg | |
| 129-00-0 | Pyrene | ND | 33 | 13 | ug/kg | |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | ND | 160 | 10 | ug/kg | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|----------|----------------------|--------|--------|---------|
| 367-12-4 | 2-Fluorophenol | 70% | | 13-110% |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | |
|--|--------------------------------|
| Client Sample ID: SB-3 (43-45) | Date Sampled: 01/17/14 |
| Lab Sample ID: JB58123-4 | Date Received: 01/17/14 |
| Matrix: SO - Soil | Percent Solids: 97.1 |
| Method: SW846 8270D SW846 3550C | |
| Project: Flushing Commons, Union Street, Flushing, NY | |

ABN TCL List (SOM0 2.0)

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|-----------|----------------------|--------|--------|---------|
| 4165-62-2 | Phenol-d5 | 66% | | 15-110% |
| 118-79-6 | 2,4,6-Tribromophenol | 86% | | 20-123% |
| 4165-60-0 | Nitrobenzene-d5 | 62% | | 10-110% |
| 321-60-8 | 2-Fluorobiphenyl | 69% | | 17-110% |
| 1718-51-0 | Terphenyl-d14 | 87% | | 30-124% |

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

4.14
4

Report of Analysis

| | |
|---|-------------------------|
| Client Sample ID: SB-3 (43-45) | Date Sampled: 01/17/14 |
| Lab Sample ID: JB58123-4 | Date Received: 01/17/14 |
| Matrix: SO - Soil | Percent Solids: 97.1 |
| Method: SW846 8081B SW846 3546 | |
| Project: Flushing Commons, Union Street, Flushing, NY | |

| Run # | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|-----------|----|----------|----|-----------|------------|------------------|
| Run #1 | 1G98681.D | 1 | 01/22/14 | JN | 01/20/14 | OP72115 | G1G3237 |
| Run #2 | | | | | | | |

| Run # | Initial Weight | Final Volume |
|--------|----------------|--------------|
| Run #1 | 15.6 g | 1.0 ml |
| Run #2 | | |

Pesticide TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|---------------------|--------|-------|-------|-------|---|
| 309-00-2 | Aldrin | ND | 0.066 | 0.030 | ug/kg | |
| 319-84-6 | alpha-BHC | ND | 0.066 | 0.020 | ug/kg | |
| 319-85-7 | beta-BHC | ND | 0.066 | 0.041 | ug/kg | |
| 319-86-8 | delta-BHC | ND | 0.066 | 0.033 | ug/kg | |
| 58-89-9 | gamma-BHC (Lindane) | ND | 0.066 | 0.032 | ug/kg | |
| 5103-71-9 | alpha-Chlordane | ND | 0.066 | 0.024 | ug/kg | |
| 5103-74-2 | gamma-Chlordane | ND | 0.066 | 0.046 | ug/kg | |
| 60-57-1 | Dieldrin | ND | 0.066 | 0.026 | ug/kg | |
| 72-54-8 | 4,4'-DDD | ND | 0.066 | 0.036 | ug/kg | |
| 72-55-9 | 4,4'-DDE | ND | 0.066 | 0.027 | ug/kg | |
| 50-29-3 | 4,4'-DDT | ND | 0.066 | 0.033 | ug/kg | |
| 72-20-8 | Endrin | ND | 0.066 | 0.021 | ug/kg | |
| 1031-07-8 | Endosulfan sulfate | ND | 0.066 | 0.028 | ug/kg | |
| 7421-93-4 | Endrin aldehyde | ND | 0.066 | 0.035 | ug/kg | |
| 959-98-8 | Endosulfan-I | ND | 0.066 | 0.025 | ug/kg | |
| 33213-65-9 | Endosulfan-II | ND | 0.066 | 0.040 | ug/kg | |
| 76-44-8 | Heptachlor | ND | 0.066 | 0.032 | ug/kg | |
| 1024-57-3 | Heptachlor epoxide | ND | 0.066 | 0.025 | ug/kg | |
| 72-43-5 | Methoxychlor | ND | 0.13 | 0.065 | ug/kg | |
| 53494-70-5 | Endrin ketone | ND | 0.066 | 0.027 | ug/kg | |
| 8001-35-2 | Toxaphene | ND | 1.7 | 0.83 | ug/kg | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|-----------|----------------------|--------|--------|---------|
| 877-09-8 | Tetrachloro-m-xylene | 103% | | 10-147% |
| 877-09-8 | Tetrachloro-m-xylene | 84% | | 10-147% |
| 2051-24-3 | Decachlorobiphenyl | 109% | | 10-154% |
| 2051-24-3 | Decachlorobiphenyl | 117% | | 10-154% |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | |
|---|--|
| Client Sample ID: SB-3 (43-45) Lab Sample ID: JB58123-4 Matrix: SO - Soil Method: SW846 8082A SW846 3546 Project: Flushing Commons, Union Street, Flushing, NY | Date Sampled: 01/17/14 Date Received: 01/17/14 Percent Solids: 97.1 |
|---|--|

| Run # | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|-----------|----|----------|----|-----------|------------|------------------|
| Run #1 | 5G22360.D | 1 | 01/21/14 | JR | 01/20/14 | OP72116 | G5G574 |
| Run #2 | | | | | | | |

| Run # | Initial Weight | Final Volume |
|--------|----------------|--------------|
| Run #1 | 15.3 g | 1.0 ml |
| Run #2 | | |

PCB List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|--------------|--------|-----|------|-------|---|
| 12674-11-2 | Aroclor 1016 | ND | 3.4 | 0.88 | ug/kg | |
| 11104-28-2 | Aroclor 1221 | ND | 3.4 | 2.0 | ug/kg | |
| 11141-16-5 | Aroclor 1232 | ND | 3.4 | 1.7 | ug/kg | |
| 53469-21-9 | Aroclor 1242 | ND | 3.4 | 1.1 | ug/kg | |
| 12672-29-6 | Aroclor 1248 | ND | 3.4 | 1.0 | ug/kg | |
| 11097-69-1 | Aroclor 1254 | ND | 3.4 | 1.6 | ug/kg | |
| 11096-82-5 | Aroclor 1260 | ND | 3.4 | 1.1 | ug/kg | |
| 11100-14-4 | Aroclor 1268 | ND | 3.4 | 0.99 | ug/kg | |
| 37324-23-5 | Aroclor 1262 | ND | 3.4 | 1.1 | ug/kg | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|-----------|----------------------|--------|--------|---------|
| 877-09-8 | Tetrachloro-m-xylene | 76% | | 14-139% |
| 877-09-8 | Tetrachloro-m-xylene | 81% | | 14-139% |
| 2051-24-3 | Decachlorobiphenyl | 67% | | 10-155% |
| 2051-24-3 | Decachlorobiphenyl | 67% | | 10-155% |

ND = Not detected MDL - Method Detection Limit J = Indicates an estimated value
 RL = Reporting Limit B = Indicates analyte found in associated method blank
 E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

4.14
4

Report of Analysis

| | |
|--|--|
| Client Sample ID: SB-3 (43-45) Lab Sample ID: JB58123-4 Matrix: SO - Soil Project: Flushing Commons, Union Street, Flushing, NY | Date Sampled: 01/17/14 Date Received: 01/17/14 Percent Solids: 97.1 |
|--|--|

Metals Analysis

| Analyte | Result | RL | Units | DF | Prep | Analyzed By | Method | Prep Method |
|-----------|---------|-------|-------|----|----------|-------------|--------------------------|--------------------------|
| Aluminum | 2840 | 52 | mg/kg | 1 | 01/20/14 | 01/22/14 KK | SW846 6010C ³ | SW846 3050B ⁵ |
| Antimony | < 2.1 | 2.1 | mg/kg | 1 | 01/20/14 | 01/20/14 KK | SW846 6010C ² | SW846 3050B ⁵ |
| Arsenic | 29.1 | 2.1 | mg/kg | 1 | 01/20/14 | 01/20/14 KK | SW846 6010C ² | SW846 3050B ⁵ |
| Barium | 23.1 | 21 | mg/kg | 1 | 01/20/14 | 01/22/14 KK | SW846 6010C ³ | SW846 3050B ⁵ |
| Beryllium | < 0.21 | 0.21 | mg/kg | 1 | 01/20/14 | 01/22/14 KK | SW846 6010C ³ | SW846 3050B ⁵ |
| Cadmium | < 0.52 | 0.52 | mg/kg | 1 | 01/20/14 | 01/20/14 KK | SW846 6010C ² | SW846 3050B ⁵ |
| Calcium | < 520 | 520 | mg/kg | 1 | 01/20/14 | 01/22/14 KK | SW846 6010C ³ | SW846 3050B ⁵ |
| Chromium | 25.9 | 1.0 | mg/kg | 1 | 01/20/14 | 01/20/14 KK | SW846 6010C ² | SW846 3050B ⁵ |
| Cobalt | 31.9 | 5.2 | mg/kg | 1 | 01/20/14 | 01/20/14 KK | SW846 6010C ² | SW846 3050B ⁵ |
| Copper | 7.9 | 2.6 | mg/kg | 1 | 01/20/14 | 01/20/14 KK | SW846 6010C ² | SW846 3050B ⁵ |
| Iron | 27900 | 52 | mg/kg | 1 | 01/20/14 | 01/22/14 KK | SW846 6010C ³ | SW846 3050B ⁵ |
| Lead | 12.7 | 2.1 | mg/kg | 1 | 01/20/14 | 01/22/14 KK | SW846 6010C ³ | SW846 3050B ⁵ |
| Magnesium | 654 | 520 | mg/kg | 1 | 01/20/14 | 01/22/14 KK | SW846 6010C ³ | SW846 3050B ⁵ |
| Manganese | 163 | 1.6 | mg/kg | 1 | 01/20/14 | 01/20/14 KK | SW846 6010C ² | SW846 3050B ⁵ |
| Mercury | < 0.031 | 0.031 | mg/kg | 1 | 01/20/14 | 01/20/14 JW | SW846 7471B ¹ | SW846 7471B ⁴ |
| Nickel | 39.4 | 4.1 | mg/kg | 1 | 01/20/14 | 01/20/14 KK | SW846 6010C ² | SW846 3050B ⁵ |
| Potassium | < 1000 | 1000 | mg/kg | 1 | 01/20/14 | 01/22/14 KK | SW846 6010C ³ | SW846 3050B ⁵ |
| Selenium | < 2.1 | 2.1 | mg/kg | 1 | 01/20/14 | 01/22/14 KK | SW846 6010C ³ | SW846 3050B ⁵ |
| Silver | 1.7 | 0.52 | mg/kg | 1 | 01/20/14 | 01/22/14 KK | SW846 6010C ³ | SW846 3050B ⁵ |
| Sodium | < 1000 | 1000 | mg/kg | 1 | 01/20/14 | 01/22/14 KK | SW846 6010C ³ | SW846 3050B ⁵ |
| Thallium | < 1.0 | 1.0 | mg/kg | 1 | 01/20/14 | 01/22/14 KK | SW846 6010C ³ | SW846 3050B ⁵ |
| Vanadium | 22.2 | 5.2 | mg/kg | 1 | 01/20/14 | 01/20/14 KK | SW846 6010C ² | SW846 3050B ⁵ |
| Zinc | 16.1 | 2.1 | mg/kg | 1 | 01/20/14 | 01/22/14 KK | SW846 6010C ³ | SW846 3050B ⁵ |

- (1) Instrument QC Batch: MA33101
- (2) Instrument QC Batch: MA33104
- (3) Instrument QC Batch: MA33128
- (4) Prep QC Batch: MP77302
- (5) Prep QC Batch: MP77305

RL = Reporting Limit

Report of Analysis

| | |
|---|-------------------------|
| Client Sample ID: SB-1 (0-2) | Date Sampled: 01/17/14 |
| Lab Sample ID: JB58123-5 | Date Received: 01/17/14 |
| Matrix: SO - Soil | Percent Solids: 94.0 |
| Method: SW846 8260C SW846 5035 | |
| Project: Flushing Commons, Union Street, Flushing, NY | |

| Run #1 | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|-----------|----|----------|-----|----------------|------------|------------------|
| Run #2 | I191968.D | 1 | 01/23/14 | SJM | 01/18/14 11:00 | n/a | VI7755 |

| Run #1 | Initial Weight |
|--------|----------------|
| Run #2 | 5.4 g |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|-----------------------------|--------|------|------|-------|---|
| 67-64-1 | Acetone | ND | 9.9 | 4.5 | ug/kg | |
| 71-43-2 | Benzene | ND | 0.99 | 0.12 | ug/kg | |
| 74-97-5 | Bromochloromethane | ND | 4.9 | 0.51 | ug/kg | |
| 75-27-4 | Bromodichloromethane | ND | 4.9 | 0.28 | ug/kg | |
| 75-25-2 | Bromoform | ND | 4.9 | 0.26 | ug/kg | |
| 74-83-9 | Bromomethane | ND | 4.9 | 0.47 | ug/kg | |
| 78-93-3 | 2-Butanone (MEK) | ND | 9.9 | 4.3 | ug/kg | |
| 75-15-0 | Carbon disulfide | ND | 4.9 | 0.14 | ug/kg | |
| 56-23-5 | Carbon tetrachloride | ND | 4.9 | 0.25 | ug/kg | |
| 108-90-7 | Chlorobenzene | ND | 4.9 | 0.19 | ug/kg | |
| 75-00-3 | Chloroethane | ND | 4.9 | 0.98 | ug/kg | |
| 67-66-3 | Chloroform | ND | 4.9 | 0.25 | ug/kg | |
| 74-87-3 | Chloromethane | ND | 4.9 | 0.34 | ug/kg | |
| 110-82-7 | Cyclohexane | ND | 4.9 | 0.25 | ug/kg | |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ND | 9.9 | 1.3 | ug/kg | |
| 124-48-1 | Dibromochloromethane | ND | 4.9 | 0.24 | ug/kg | |
| 106-93-4 | 1,2-Dibromoethane | ND | 0.99 | 0.54 | ug/kg | |
| 95-50-1 | 1,2-Dichlorobenzene | ND | 4.9 | 0.33 | ug/kg | |
| 541-73-1 | 1,3-Dichlorobenzene | ND | 4.9 | 0.21 | ug/kg | |
| 106-46-7 | 1,4-Dichlorobenzene | ND | 4.9 | 0.25 | ug/kg | |
| 75-71-8 | Dichlorodifluoromethane | ND | 4.9 | 0.35 | ug/kg | |
| 75-34-3 | 1,1-Dichloroethane | ND | 4.9 | 0.31 | ug/kg | |
| 107-06-2 | 1,2-Dichloroethane | ND | 0.99 | 0.32 | ug/kg | |
| 75-35-4 | 1,1-Dichloroethene | ND | 4.9 | 0.28 | ug/kg | |
| 156-59-2 | cis-1,2-Dichloroethene | ND | 4.9 | 0.20 | ug/kg | |
| 156-60-5 | trans-1,2-Dichloroethene | ND | 4.9 | 0.42 | ug/kg | |
| 78-87-5 | 1,2-Dichloropropane | ND | 4.9 | 0.43 | ug/kg | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 4.9 | 0.22 | ug/kg | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 4.9 | 0.27 | ug/kg | |
| 100-41-4 | Ethylbenzene | ND | 0.99 | 0.17 | ug/kg | |
| 76-13-1 | Freon 113 | ND | 4.9 | 0.43 | ug/kg | |
| 591-78-6 | 2-Hexanone | ND | 4.9 | 1.8 | ug/kg | |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | | | |
|-------------------|--|-----------------|----------|
| Client Sample ID: | SB-1 (0-2) | Date Sampled: | 01/17/14 |
| Lab Sample ID: | JB58123-5 | Date Received: | 01/17/14 |
| Matrix: | SO - Soil | Percent Solids: | 94.0 |
| Method: | SW846 8260C SW846 5035 | | |
| Project: | Flushing Commons, Union Street, Flushing, NY | | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|----------------------------|--------|------|------|-------|---|
| 98-82-8 | Isopropylbenzene | ND | 4.9 | 0.14 | ug/kg | |
| 79-20-9 | Methyl Acetate | ND | 4.9 | 1.6 | ug/kg | |
| 108-87-2 | Methylcyclohexane | ND | 4.9 | 0.16 | ug/kg | |
| 1634-04-4 | Methyl Tert Butyl Ether | ND | 0.99 | 0.34 | ug/kg | |
| 108-10-1 | 4-Methyl-2-pentanone(MIBK) | ND | 4.9 | 1.3 | ug/kg | |
| 75-09-2 | Methylene chloride | ND | 4.9 | 1.7 | ug/kg | |
| 100-42-5 | Styrene | ND | 4.9 | 0.23 | ug/kg | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 4.9 | 0.34 | ug/kg | |
| 127-18-4 | Tetrachloroethene | ND | 4.9 | 0.40 | ug/kg | |
| 108-88-3 | Toluene | ND | 0.99 | 0.14 | ug/kg | |
| 87-61-6 | 1,2,3-Trichlorobenzene | ND | 4.9 | 0.20 | ug/kg | |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | 4.9 | 0.18 | ug/kg | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 4.9 | 0.28 | ug/kg | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 4.9 | 0.81 | ug/kg | |
| 79-01-6 | Trichloroethene | ND | 4.9 | 0.34 | ug/kg | |
| 75-69-4 | Trichlorofluoromethane | ND | 4.9 | 0.22 | ug/kg | |
| 75-01-4 | Vinyl chloride | ND | 4.9 | 0.34 | ug/kg | |
| | m,p-Xylene | ND | 0.99 | 0.48 | ug/kg | |
| 95-47-6 | o-Xylene | ND | 0.99 | 0.18 | ug/kg | |
| 1330-20-7 | Xylene (total) | ND | 0.99 | 0.18 | ug/kg | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|------------|-----------------------|--------|--------|---------|
| 1868-53-7 | Dibromofluoromethane | 105% | | 59-130% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 107% | | 65-123% |
| 2037-26-5 | Toluene-D8 | 92% | | 80-124% |
| 460-00-4 | 4-Bromofluorobenzene | 96% | | 71-132% |

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

| | |
|---|-------------------------|
| Client Sample ID: SB-1 (0-2) | Date Sampled: 01/17/14 |
| Lab Sample ID: JB58123-5 | Date Received: 01/17/14 |
| Matrix: SO - Soil | Percent Solids: 94.0 |
| Method: SW846 8270D SW846 3550C | |
| Project: Flushing Commons, Union Street, Flushing, NY | |

| Run #1 | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|----------|----|----------|----|-----------|------------|------------------|
| Run #2 | P81961.D | 1 | 01/21/14 | AD | 01/20/14 | OP72113 | EP3489 |

| Run #1 | Initial Weight | Final Volume |
|--------|----------------|--------------|
| Run #2 | 31.4 g | 1.0 ml |

ABN TCL List (SOM0 2.0)

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|----------------------------|--------|-----|-----|-------|---|
| 95-57-8 | 2-Chlorophenol | ND | 68 | 34 | ug/kg | |
| 59-50-7 | 4-Chloro-3-methyl phenol | ND | 170 | 34 | ug/kg | |
| 120-83-2 | 2,4-Dichlorophenol | ND | 170 | 55 | ug/kg | |
| 105-67-9 | 2,4-Dimethylphenol | ND | 170 | 57 | ug/kg | |
| 51-28-5 | 2,4-Dinitrophenol | ND | 680 | 41 | ug/kg | |
| 534-52-1 | 4,6-Dinitro-o-cresol | ND | 680 | 41 | ug/kg | |
| 95-48-7 | 2-Methylphenol | ND | 68 | 39 | ug/kg | |
| | 3&4-Methylphenol | ND | 68 | 43 | ug/kg | |
| 88-75-5 | 2-Nitrophenol | ND | 170 | 36 | ug/kg | |
| 100-02-7 | 4-Nitrophenol | ND | 340 | 57 | ug/kg | |
| 87-86-5 | Pentachlorophenol | ND | 340 | 58 | ug/kg | |
| 108-95-2 | Phenol | ND | 68 | 36 | ug/kg | |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | ND | 170 | 35 | ug/kg | |
| 95-95-4 | 2,4,5-Trichlorophenol | ND | 170 | 39 | ug/kg | |
| 88-06-2 | 2,4,6-Trichlorophenol | ND | 170 | 32 | ug/kg | |
| 83-32-9 | Acenaphthene | ND | 34 | 9.8 | ug/kg | |
| 208-96-8 | Acenaphthylene | ND | 34 | 11 | ug/kg | |
| 98-86-2 | Acetophenone | ND | 170 | 6.0 | ug/kg | |
| 120-12-7 | Anthracene | ND | 34 | 12 | ug/kg | |
| 1912-24-9 | Atrazine | ND | 68 | 6.7 | ug/kg | |
| 56-55-3 | Benzo(a)anthracene | ND | 34 | 11 | ug/kg | |
| 50-32-8 | Benzo(a)pyrene | ND | 34 | 10 | ug/kg | |
| 205-99-2 | Benzo(b)fluoranthene | ND | 34 | 11 | ug/kg | |
| 191-24-2 | Benzo(g,h,i)perylene | ND | 34 | 13 | ug/kg | |
| 207-08-9 | Benzo(k)fluoranthene | ND | 34 | 13 | ug/kg | |
| 101-55-3 | 4-Bromophenyl phenyl ether | ND | 68 | 12 | ug/kg | |
| 85-68-7 | Butyl benzyl phthalate | ND | 68 | 20 | ug/kg | |
| 92-52-4 | 1,1'-Biphenyl | ND | 68 | 3.9 | ug/kg | |
| 100-52-7 | Benzaldehyde | ND | 170 | 7.8 | ug/kg | |
| 91-58-7 | 2-Chloronaphthalene | ND | 68 | 11 | ug/kg | |
| 106-47-8 | 4-Chloroaniline | ND | 170 | 11 | ug/kg | |
| 86-74-8 | Carbazole | ND | 68 | 16 | ug/kg | |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | | | |
|-------------------|--|-----------------|----------|
| Client Sample ID: | SB-1 (0-2) | Date Sampled: | 01/17/14 |
| Lab Sample ID: | JB58123-5 | Date Received: | 01/17/14 |
| Matrix: | SO - Soil | Percent Solids: | 94.0 |
| Method: | SW846 8270D SW846 3550C | | |
| Project: | Flushing Commons, Union Street, Flushing, NY | | |

ABN TCL List (SOM0 2.0)

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|-----------------------------|--------|-----|-----|-------|---|
| 105-60-2 | Caprolactam | ND | 68 | 11 | ug/kg | |
| 218-01-9 | Chrysene | ND | 34 | 11 | ug/kg | |
| 111-91-1 | bis(2-Chloroethoxy)methane | ND | 68 | 14 | ug/kg | |
| 111-44-4 | bis(2-Chloroethyl)ether | ND | 68 | 10 | ug/kg | |
| 108-60-1 | bis(2-Chloroisopropyl)ether | ND | 68 | 10 | ug/kg | |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | ND | 68 | 10 | ug/kg | |
| 121-14-2 | 2,4-Dinitrotoluene | ND | 34 | 15 | ug/kg | |
| 606-20-2 | 2,6-Dinitrotoluene | ND | 34 | 13 | ug/kg | |
| 91-94-1 | 3,3'-Dichlorobenzidine | ND | 68 | 8.6 | ug/kg | |
| 123-91-1 | 1,4-Dioxane | ND | 34 | 22 | ug/kg | |
| 53-70-3 | Dibenzo(a,h)anthracene | ND | 34 | 12 | ug/kg | |
| 132-64-9 | Dibenzofuran | ND | 68 | 10 | ug/kg | |
| 84-74-2 | Di-n-butyl phthalate | ND | 68 | 7.5 | ug/kg | |
| 117-84-0 | Di-n-octyl phthalate | ND | 68 | 16 | ug/kg | |
| 84-66-2 | Diethyl phthalate | ND | 68 | 12 | ug/kg | |
| 131-11-3 | Dimethyl phthalate | ND | 68 | 12 | ug/kg | |
| 117-81-7 | bis(2-Ethylhexyl)phthalate | ND | 68 | 30 | ug/kg | |
| 206-44-0 | Fluoranthene | ND | 34 | 15 | ug/kg | |
| 86-73-7 | Fluorene | ND | 34 | 11 | ug/kg | |
| 118-74-1 | Hexachlorobenzene | ND | 68 | 11 | ug/kg | |
| 87-68-3 | Hexachlorobutadiene | ND | 34 | 9.4 | ug/kg | |
| 77-47-4 | Hexachlorocyclopentadiene | ND | 340 | 35 | ug/kg | |
| 67-72-1 | Hexachloroethane | ND | 170 | 9.4 | ug/kg | |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | ND | 34 | 12 | ug/kg | |
| 78-59-1 | Isophorone | ND | 68 | 9.1 | ug/kg | |
| 91-57-6 | 2-Methylnaphthalene | ND | 68 | 19 | ug/kg | |
| 88-74-4 | 2-Nitroaniline | ND | 170 | 15 | ug/kg | |
| 99-09-2 | 3-Nitroaniline | ND | 170 | 14 | ug/kg | |
| 100-01-6 | 4-Nitroaniline | ND | 170 | 13 | ug/kg | |
| 91-20-3 | Naphthalene | ND | 34 | 9.2 | ug/kg | |
| 98-95-3 | Nitrobenzene | ND | 68 | 9.8 | ug/kg | |
| 621-64-7 | N-Nitroso-di-n-propylamine | ND | 68 | 8.3 | ug/kg | |
| 86-30-6 | N-Nitrosodiphenylamine | ND | 170 | 20 | ug/kg | |
| 85-01-8 | Phenanthrene | ND | 34 | 15 | ug/kg | |
| 129-00-0 | Pyrene | ND | 34 | 13 | ug/kg | |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | ND | 170 | 10 | ug/kg | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|----------|----------------------|--------|--------|---------|
| 367-12-4 | 2-Fluorophenol | 69% | | 13-110% |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | |
|--|--------------------------------|
| Client Sample ID: SB-1 (0-2) | Date Sampled: 01/17/14 |
| Lab Sample ID: JB58123-5 | Date Received: 01/17/14 |
| Matrix: SO - Soil | Percent Solids: 94.0 |
| Method: SW846 8270D SW846 3550C | |
| Project: Flushing Commons, Union Street, Flushing, NY | |

ABN TCL List (SOM0 2.0)

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|-----------|----------------------|--------|--------|---------|
| 4165-62-2 | Phenol-d5 | 65% | | 15-110% |
| 118-79-6 | 2,4,6-Tribromophenol | 77% | | 20-123% |
| 4165-60-0 | Nitrobenzene-d5 | 65% | | 10-110% |
| 321-60-8 | 2-Fluorobiphenyl | 73% | | 17-110% |
| 1718-51-0 | Terphenyl-d14 | 79% | | 30-124% |

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

4.15
4

Report of Analysis

| | | |
|--|--|--------------------------------|
| Client Sample ID: SB-1 (0-2) | | |
| Lab Sample ID: JB58123-5 | | Date Sampled: 01/17/14 |
| Matrix: SO - Soil | | Date Received: 01/17/14 |
| Method: SW846 8081B SW846 3546 | | Percent Solids: 94.0 |
| Project: Flushing Commons, Union Street, Flushing, NY | | |

| Run # | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|-----------|----|----------|----|-----------|------------|------------------|
| Run #1 | 1G98682.D | 1 | 01/22/14 | JN | 01/20/14 | OP72115 | G1G3237 |
| Run #2 | | | | | | | |

| Run # | Initial Weight | Final Volume |
|--------|----------------|--------------|
| Run #1 | 15.0 g | 1.0 ml |
| Run #2 | | |

Pesticide TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|---------------------|--------|-------|-------|-------|---|
| 309-00-2 | Aldrin | ND | 0.071 | 0.033 | ug/kg | |
| 319-84-6 | alpha-BHC | ND | 0.071 | 0.021 | ug/kg | |
| 319-85-7 | beta-BHC | ND | 0.071 | 0.044 | ug/kg | |
| 319-86-8 | delta-BHC | ND | 0.071 | 0.035 | ug/kg | |
| 58-89-9 | gamma-BHC (Lindane) | ND | 0.071 | 0.035 | ug/kg | |
| 5103-71-9 | alpha-Chlordane | ND | 0.071 | 0.026 | ug/kg | |
| 5103-74-2 | gamma-Chlordane | ND | 0.071 | 0.049 | ug/kg | |
| 60-57-1 | Dieldrin | ND | 0.071 | 0.028 | ug/kg | |
| 72-54-8 | 4,4'-DDD | ND | 0.071 | 0.039 | ug/kg | |
| 72-55-9 | 4,4'-DDE | ND | 0.071 | 0.029 | ug/kg | |
| 50-29-3 | 4,4'-DDT | ND | 0.071 | 0.035 | ug/kg | |
| 72-20-8 | Endrin | ND | 0.071 | 0.023 | ug/kg | |
| 1031-07-8 | Endosulfan sulfate | ND | 0.071 | 0.030 | ug/kg | |
| 7421-93-4 | Endrin aldehyde | ND | 0.071 | 0.037 | ug/kg | |
| 959-98-8 | Endosulfan-I | ND | 0.071 | 0.027 | ug/kg | |
| 33213-65-9 | Endosulfan-II | ND | 0.071 | 0.042 | ug/kg | |
| 76-44-8 | Heptachlor | ND | 0.071 | 0.035 | ug/kg | |
| 1024-57-3 | Heptachlor epoxide | ND | 0.071 | 0.027 | ug/kg | |
| 72-43-5 | Methoxychlor | ND | 0.14 | 0.069 | ug/kg | |
| 53494-70-5 | Endrin ketone | ND | 0.071 | 0.029 | ug/kg | |
| 8001-35-2 | Toxaphene | ND | 1.8 | 0.89 | ug/kg | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|-----------|----------------------|--------|--------|---------|
| 877-09-8 | Tetrachloro-m-xylene | 43% | | 10-147% |
| 877-09-8 | Tetrachloro-m-xylene | 37% | | 10-147% |
| 2051-24-3 | Decachlorobiphenyl | 49% | | 10-154% |
| 2051-24-3 | Decachlorobiphenyl | 49% | | 10-154% |

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

| | |
|---|-------------------------|
| Client Sample ID: SB-1 (0-2) | Date Sampled: 01/17/14 |
| Lab Sample ID: JB58123-5 | Date Received: 01/17/14 |
| Matrix: SO - Soil | Percent Solids: 94.0 |
| Project: Flushing Commons, Union Street, Flushing, NY | |

Metals Analysis

| Analyte | Result | RL | Units | DF | Prep | Analyzed By | Method | Prep Method |
|-----------|---------|-------|-------|----|----------|-------------|--------------------------|--------------------------|
| Aluminum | 6610 | 52 | mg/kg | 1 | 01/20/14 | 01/20/14 KK | SW846 6010C ² | SW846 3050B ⁵ |
| Antimony | < 2.1 | 2.1 | mg/kg | 1 | 01/20/14 | 01/20/14 KK | SW846 6010C ² | SW846 3050B ⁵ |
| Arsenic | < 2.1 | 2.1 | mg/kg | 1 | 01/20/14 | 01/20/14 KK | SW846 6010C ² | SW846 3050B ⁵ |
| Barium | 42.8 | 21 | mg/kg | 1 | 01/20/14 | 01/20/14 KK | SW846 6010C ² | SW846 3050B ⁵ |
| Beryllium | 0.27 | 0.21 | mg/kg | 1 | 01/20/14 | 01/20/14 KK | SW846 6010C ² | SW846 3050B ⁵ |
| Cadmium | < 0.52 | 0.52 | mg/kg | 1 | 01/20/14 | 01/20/14 KK | SW846 6010C ² | SW846 3050B ⁵ |
| Calcium | 791 | 520 | mg/kg | 1 | 01/20/14 | 01/20/14 KK | SW846 6010C ² | SW846 3050B ⁵ |
| Chromium | 14.7 | 1.0 | mg/kg | 1 | 01/20/14 | 01/20/14 KK | SW846 6010C ² | SW846 3050B ⁵ |
| Cobalt | 6.5 | 5.2 | mg/kg | 1 | 01/20/14 | 01/20/14 KK | SW846 6010C ² | SW846 3050B ⁵ |
| Copper | 14.0 | 2.6 | mg/kg | 1 | 01/20/14 | 01/20/14 KK | SW846 6010C ² | SW846 3050B ⁵ |
| Iron | 16100 | 52 | mg/kg | 1 | 01/20/14 | 01/20/14 KK | SW846 6010C ² | SW846 3050B ⁵ |
| Lead | 3.9 | 2.1 | mg/kg | 1 | 01/20/14 | 01/20/14 KK | SW846 6010C ² | SW846 3050B ⁵ |
| Magnesium | 2120 | 520 | mg/kg | 1 | 01/20/14 | 01/20/14 KK | SW846 6010C ² | SW846 3050B ⁵ |
| Manganese | 418 | 1.6 | mg/kg | 1 | 01/20/14 | 01/20/14 KK | SW846 6010C ² | SW846 3050B ⁵ |
| Mercury | < 0.033 | 0.033 | mg/kg | 1 | 01/20/14 | 01/20/14 JW | SW846 7471B ¹ | SW846 7471B ⁴ |
| Nickel | 22.0 | 4.2 | mg/kg | 1 | 01/20/14 | 01/20/14 KK | SW846 6010C ² | SW846 3050B ⁵ |
| Potassium | 1050 | 1000 | mg/kg | 1 | 01/20/14 | 01/20/14 KK | SW846 6010C ² | SW846 3050B ⁵ |
| Selenium | < 2.1 | 2.1 | mg/kg | 1 | 01/20/14 | 01/20/14 KK | SW846 6010C ² | SW846 3050B ⁵ |
| Silver | 0.89 | 0.52 | mg/kg | 1 | 01/20/14 | 01/20/14 KK | SW846 6010C ² | SW846 3050B ⁵ |
| Sodium | < 1000 | 1000 | mg/kg | 1 | 01/20/14 | 01/20/14 KK | SW846 6010C ² | SW846 3050B ⁵ |
| Thallium | < 1.0 | 1.0 | mg/kg | 1 | 01/20/14 | 01/20/14 KK | SW846 6010C ² | SW846 3050B ⁵ |
| Vanadium | 20.0 | 5.2 | mg/kg | 1 | 01/20/14 | 01/20/14 KK | SW846 6010C ² | SW846 3050B ⁵ |
| Zinc | 33.1 | 2.1 | mg/kg | 1 | 01/20/14 | 01/22/14 KK | SW846 6010C ³ | SW846 3050B ⁵ |

- (1) Instrument QC Batch: MA33101
- (2) Instrument QC Batch: MA33104
- (3) Instrument QC Batch: MA33128
- (4) Prep QC Batch: MP77302
- (5) Prep QC Batch: MP77305

RL = Reporting Limit

Report of Analysis

| | |
|---|-------------------------|
| Client Sample ID: SB-1 (40-42) | Date Sampled: 01/17/14 |
| Lab Sample ID: JB58123-6 | Date Received: 01/17/14 |
| Matrix: SO - Soil | Percent Solids: 97.8 |
| Method: SW846 8260C SW846 5035 | |
| Project: Flushing Commons, Union Street, Flushing, NY | |

| Run # | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|-----------|----|----------|-----|----------------|------------|------------------|
| Run #1 | I191969.D | 1 | 01/23/14 | SJM | 01/18/14 11:00 | n/a | VI7755 |
| Run #2 | | | | | | | |

| Run # | Initial Weight |
|--------|----------------|
| Run #1 | 4.3 g |
| Run #2 | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|-----------------------------|--------|-----|------|-------|---|
| 67-64-1 | Acetone | ND | 12 | 5.4 | ug/kg | |
| 71-43-2 | Benzene | ND | 1.2 | 0.15 | ug/kg | |
| 74-97-5 | Bromochloromethane | ND | 5.9 | 0.62 | ug/kg | |
| 75-27-4 | Bromodichloromethane | ND | 5.9 | 0.33 | ug/kg | |
| 75-25-2 | Bromoform | ND | 5.9 | 0.31 | ug/kg | |
| 74-83-9 | Bromomethane | ND | 5.9 | 0.57 | ug/kg | |
| 78-93-3 | 2-Butanone (MEK) | ND | 12 | 5.2 | ug/kg | |
| 75-15-0 | Carbon disulfide | ND | 5.9 | 0.17 | ug/kg | |
| 56-23-5 | Carbon tetrachloride | ND | 5.9 | 0.30 | ug/kg | |
| 108-90-7 | Chlorobenzene | ND | 5.9 | 0.23 | ug/kg | |
| 75-00-3 | Chloroethane | ND | 5.9 | 1.2 | ug/kg | |
| 67-66-3 | Chloroform | ND | 5.9 | 0.30 | ug/kg | |
| 74-87-3 | Chloromethane | ND | 5.9 | 0.41 | ug/kg | |
| 110-82-7 | Cyclohexane | ND | 5.9 | 0.31 | ug/kg | |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ND | 12 | 1.6 | ug/kg | |
| 124-48-1 | Dibromochloromethane | ND | 5.9 | 0.29 | ug/kg | |
| 106-93-4 | 1,2-Dibromoethane | ND | 1.2 | 0.65 | ug/kg | |
| 95-50-1 | 1,2-Dichlorobenzene | ND | 5.9 | 0.40 | ug/kg | |
| 541-73-1 | 1,3-Dichlorobenzene | ND | 5.9 | 0.26 | ug/kg | |
| 106-46-7 | 1,4-Dichlorobenzene | ND | 5.9 | 0.30 | ug/kg | |
| 75-71-8 | Dichlorodifluoromethane | ND | 5.9 | 0.42 | ug/kg | |
| 75-34-3 | 1,1-Dichloroethane | ND | 5.9 | 0.37 | ug/kg | |
| 107-06-2 | 1,2-Dichloroethane | ND | 1.2 | 0.38 | ug/kg | |
| 75-35-4 | 1,1-Dichloroethene | ND | 5.9 | 0.34 | ug/kg | |
| 156-59-2 | cis-1,2-Dichloroethene | ND | 5.9 | 0.25 | ug/kg | |
| 156-60-5 | trans-1,2-Dichloroethene | ND | 5.9 | 0.50 | ug/kg | |
| 78-87-5 | 1,2-Dichloropropane | ND | 5.9 | 0.52 | ug/kg | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 5.9 | 0.27 | ug/kg | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 5.9 | 0.32 | ug/kg | |
| 100-41-4 | Ethylbenzene | ND | 1.2 | 0.21 | ug/kg | |
| 76-13-1 | Freon 113 | ND | 5.9 | 0.52 | ug/kg | |
| 591-78-6 | 2-Hexanone | ND | 5.9 | 2.1 | ug/kg | |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | | | |
|-------------------|--|-----------------|----------|
| Client Sample ID: | SB-1 (40-42) | Date Sampled: | 01/17/14 |
| Lab Sample ID: | JB58123-6 | Date Received: | 01/17/14 |
| Matrix: | SO - Soil | Percent Solids: | 97.8 |
| Method: | SW846 8260C SW846 5035 | | |
| Project: | Flushing Commons, Union Street, Flushing, NY | | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|----------------------------|--------|-----|------|-------|---|
| 98-82-8 | Isopropylbenzene | ND | 5.9 | 0.17 | ug/kg | |
| 79-20-9 | Methyl Acetate | ND | 5.9 | 2.0 | ug/kg | |
| 108-87-2 | Methylcyclohexane | ND | 5.9 | 0.19 | ug/kg | |
| 1634-04-4 | Methyl Tert Butyl Ether | ND | 1.2 | 0.41 | ug/kg | |
| 108-10-1 | 4-Methyl-2-pentanone(MIBK) | ND | 5.9 | 1.6 | ug/kg | |
| 75-09-2 | Methylene chloride | ND | 5.9 | 2.0 | ug/kg | |
| 100-42-5 | Styrene | ND | 5.9 | 0.28 | ug/kg | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 5.9 | 0.41 | ug/kg | |
| 127-18-4 | Tetrachloroethene | ND | 5.9 | 0.49 | ug/kg | |
| 108-88-3 | Toluene | ND | 1.2 | 0.17 | ug/kg | |
| 87-61-6 | 1,2,3-Trichlorobenzene | ND | 5.9 | 0.25 | ug/kg | |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | 5.9 | 0.22 | ug/kg | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 5.9 | 0.34 | ug/kg | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 5.9 | 0.98 | ug/kg | |
| 79-01-6 | Trichloroethene | ND | 5.9 | 0.42 | ug/kg | |
| 75-69-4 | Trichlorofluoromethane | ND | 5.9 | 0.27 | ug/kg | |
| 75-01-4 | Vinyl chloride | ND | 5.9 | 0.41 | ug/kg | |
| | m,p-Xylene | ND | 1.2 | 0.58 | ug/kg | |
| 95-47-6 | o-Xylene | ND | 1.2 | 0.21 | ug/kg | |
| 1330-20-7 | Xylene (total) | ND | 1.2 | 0.21 | ug/kg | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|------------|-----------------------|--------|--------|---------|
| 1868-53-7 | Dibromofluoromethane | 104% | | 59-130% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 105% | | 65-123% |
| 2037-26-5 | Toluene-D8 | 93% | | 80-124% |
| 460-00-4 | 4-Bromofluorobenzene | 96% | | 71-132% |

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

| | |
|---|-------------------------|
| Client Sample ID: SB-1 (40-42) | Date Sampled: 01/17/14 |
| Lab Sample ID: JB58123-6 | Date Received: 01/17/14 |
| Matrix: SO - Soil | Percent Solids: 97.8 |
| Method: SW846 8270D SW846 3550C | |
| Project: Flushing Commons, Union Street, Flushing, NY | |

| Run #1 | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|----------|----|----------|----|-----------|------------|------------------|
| Run #2 | P81962.D | 1 | 01/21/14 | AD | 01/20/14 | OP72113 | EP3489 |

| Run #1 | Initial Weight | Final Volume |
|--------|----------------|--------------|
| Run #2 | 33.7 g | 1.0 ml |

ABN TCL List (SOM0 2.0)

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|----------------------------|--------|-----|-----|-------|---|
| 95-57-8 | 2-Chlorophenol | ND | 61 | 30 | ug/kg | |
| 59-50-7 | 4-Chloro-3-methyl phenol | ND | 150 | 30 | ug/kg | |
| 120-83-2 | 2,4-Dichlorophenol | ND | 150 | 49 | ug/kg | |
| 105-67-9 | 2,4-Dimethylphenol | ND | 150 | 51 | ug/kg | |
| 51-28-5 | 2,4-Dinitrophenol | ND | 610 | 37 | ug/kg | |
| 534-52-1 | 4,6-Dinitro-o-cresol | ND | 610 | 37 | ug/kg | |
| 95-48-7 | 2-Methylphenol | ND | 61 | 35 | ug/kg | |
| | 3&4-Methylphenol | ND | 61 | 39 | ug/kg | |
| 88-75-5 | 2-Nitrophenol | ND | 150 | 32 | ug/kg | |
| 100-02-7 | 4-Nitrophenol | ND | 300 | 51 | ug/kg | |
| 87-86-5 | Pentachlorophenol | ND | 300 | 52 | ug/kg | |
| 108-95-2 | Phenol | ND | 61 | 32 | ug/kg | |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | ND | 150 | 31 | ug/kg | |
| 95-95-4 | 2,4,5-Trichlorophenol | ND | 150 | 35 | ug/kg | |
| 88-06-2 | 2,4,6-Trichlorophenol | ND | 150 | 29 | ug/kg | |
| 83-32-9 | Acenaphthene | ND | 30 | 8.8 | ug/kg | |
| 208-96-8 | Acenaphthylene | ND | 30 | 9.7 | ug/kg | |
| 98-86-2 | Acetophenone | ND | 150 | 5.3 | ug/kg | |
| 120-12-7 | Anthracene | ND | 30 | 11 | ug/kg | |
| 1912-24-9 | Atrazine | ND | 61 | 6.0 | ug/kg | |
| 56-55-3 | Benzo(a)anthracene | ND | 30 | 9.9 | ug/kg | |
| 50-32-8 | Benzo(a)pyrene | ND | 30 | 9.3 | ug/kg | |
| 205-99-2 | Benzo(b)fluoranthene | ND | 30 | 10 | ug/kg | |
| 191-24-2 | Benzo(g,h,i)perylene | ND | 30 | 11 | ug/kg | |
| 207-08-9 | Benzo(k)fluoranthene | ND | 30 | 11 | ug/kg | |
| 101-55-3 | 4-Bromophenyl phenyl ether | ND | 61 | 11 | ug/kg | |
| 85-68-7 | Butyl benzyl phthalate | ND | 61 | 18 | ug/kg | |
| 92-52-4 | 1,1'-Biphenyl | ND | 61 | 3.5 | ug/kg | |
| 100-52-7 | Benzaldehyde | ND | 150 | 7.0 | ug/kg | |
| 91-58-7 | 2-Chloronaphthalene | ND | 61 | 9.4 | ug/kg | |
| 106-47-8 | 4-Chloroaniline | ND | 150 | 9.7 | ug/kg | |
| 86-74-8 | Carbazole | ND | 61 | 14 | ug/kg | |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | | | |
|-------------------|--|-----------------|----------|
| Client Sample ID: | SB-1 (40-42) | Date Sampled: | 01/17/14 |
| Lab Sample ID: | JB58123-6 | Date Received: | 01/17/14 |
| Matrix: | SO - Soil | Percent Solids: | 97.8 |
| Method: | SW846 8270D SW846 3550C | | |
| Project: | Flushing Commons, Union Street, Flushing, NY | | |

ABN TCL List (SOM0 2.0)

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|-----------------------------|--------|-----|-----|-------|---|
| 105-60-2 | Caprolactam | ND | 61 | 9.6 | ug/kg | |
| 218-01-9 | Chrysene | ND | 30 | 10 | ug/kg | |
| 111-91-1 | bis(2-Chloroethoxy)methane | ND | 61 | 12 | ug/kg | |
| 111-44-4 | bis(2-Chloroethyl)ether | ND | 61 | 9.1 | ug/kg | |
| 108-60-1 | bis(2-Chloroisopropyl)ether | ND | 61 | 9.0 | ug/kg | |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | ND | 61 | 9.1 | ug/kg | |
| 121-14-2 | 2,4-Dinitrotoluene | ND | 30 | 13 | ug/kg | |
| 606-20-2 | 2,6-Dinitrotoluene | ND | 30 | 12 | ug/kg | |
| 91-94-1 | 3,3'-Dichlorobenzidine | ND | 61 | 7.7 | ug/kg | |
| 123-91-1 | 1,4-Dioxane | ND | 30 | 20 | ug/kg | |
| 53-70-3 | Dibenzo(a,h)anthracene | ND | 30 | 10 | ug/kg | |
| 132-64-9 | Dibenzofuran | ND | 61 | 9.0 | ug/kg | |
| 84-74-2 | Di-n-butyl phthalate | ND | 61 | 6.7 | ug/kg | |
| 117-84-0 | Di-n-octyl phthalate | ND | 61 | 15 | ug/kg | |
| 84-66-2 | Diethyl phthalate | ND | 61 | 10 | ug/kg | |
| 131-11-3 | Dimethyl phthalate | ND | 61 | 11 | ug/kg | |
| 117-81-7 | bis(2-Ethylhexyl)phthalate | ND | 61 | 27 | ug/kg | |
| 206-44-0 | Fluoranthene | ND | 30 | 13 | ug/kg | |
| 86-73-7 | Fluorene | ND | 30 | 10 | ug/kg | |
| 118-74-1 | Hexachlorobenzene | ND | 61 | 9.9 | ug/kg | |
| 87-68-3 | Hexachlorobutadiene | ND | 30 | 8.4 | ug/kg | |
| 77-47-4 | Hexachlorocyclopentadiene | ND | 300 | 31 | ug/kg | |
| 67-72-1 | Hexachloroethane | ND | 150 | 8.4 | ug/kg | |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | ND | 30 | 11 | ug/kg | |
| 78-59-1 | Isophorone | ND | 61 | 8.2 | ug/kg | |
| 91-57-6 | 2-Methylnaphthalene | ND | 61 | 17 | ug/kg | |
| 88-74-4 | 2-Nitroaniline | ND | 150 | 13 | ug/kg | |
| 99-09-2 | 3-Nitroaniline | ND | 150 | 12 | ug/kg | |
| 100-01-6 | 4-Nitroaniline | ND | 150 | 12 | ug/kg | |
| 91-20-3 | Naphthalene | ND | 30 | 8.3 | ug/kg | |
| 98-95-3 | Nitrobenzene | ND | 61 | 8.8 | ug/kg | |
| 621-64-7 | N-Nitroso-di-n-propylamine | ND | 61 | 7.4 | ug/kg | |
| 86-30-6 | N-Nitrosodiphenylamine | ND | 150 | 18 | ug/kg | |
| 85-01-8 | Phenanthrene | ND | 30 | 14 | ug/kg | |
| 129-00-0 | Pyrene | ND | 30 | 12 | ug/kg | |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | ND | 150 | 9.3 | ug/kg | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|----------|----------------------|--------|--------|---------|
| 367-12-4 | 2-Fluorophenol | 73% | | 13-110% |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | |
|--|--------------------------------|
| Client Sample ID: SB-1 (40-42) | |
| Lab Sample ID: JB58123-6 | Date Sampled: 01/17/14 |
| Matrix: SO - Soil | Date Received: 01/17/14 |
| Method: SW846 8270D SW846 3550C | Percent Solids: 97.8 |
| Project: Flushing Commons, Union Street, Flushing, NY | |

ABN TCL List (SOM0 2.0)

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|-----------|----------------------|--------|--------|---------|
| 4165-62-2 | Phenol-d5 | 69% | | 15-110% |
| 118-79-6 | 2,4,6-Tribromophenol | 82% | | 20-123% |
| 4165-60-0 | Nitrobenzene-d5 | 74% | | 10-110% |
| 321-60-8 | 2-Fluorobiphenyl | 78% | | 17-110% |
| 1718-51-0 | Terphenyl-d14 | 88% | | 30-124% |

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

4.16
4

Report of Analysis

| | |
|---|-------------------------|
| Client Sample ID: SB-1 (40-42) | Date Sampled: 01/17/14 |
| Lab Sample ID: JB58123-6 | Date Received: 01/17/14 |
| Matrix: SO - Soil | Percent Solids: 97.8 |
| Method: SW846 8081B SW846 3546 | |
| Project: Flushing Commons, Union Street, Flushing, NY | |

| Run # | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|-----------|----|----------|----|-----------|------------|------------------|
| Run #1 | 1G98683.D | 1 | 01/22/14 | JN | 01/20/14 | OP72115 | G1G3237 |
| Run #2 | | | | | | | |

| Run # | Initial Weight | Final Volume |
|--------|----------------|--------------|
| Run #1 | 15.1 g | 1.0 ml |
| Run #2 | | |

Pesticide TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|---------------------|--------|-------|-------|-------|---|
| 309-00-2 | Aldrin | ND | 0.068 | 0.031 | ug/kg | |
| 319-84-6 | alpha-BHC | ND | 0.068 | 0.020 | ug/kg | |
| 319-85-7 | beta-BHC | ND | 0.068 | 0.042 | ug/kg | |
| 319-86-8 | delta-BHC | ND | 0.068 | 0.033 | ug/kg | |
| 58-89-9 | gamma-BHC (Lindane) | ND | 0.068 | 0.033 | ug/kg | |
| 5103-71-9 | alpha-Chlordane | ND | 0.068 | 0.025 | ug/kg | |
| 5103-74-2 | gamma-Chlordane | ND | 0.068 | 0.047 | ug/kg | |
| 60-57-1 | Dieldrin | ND | 0.068 | 0.026 | ug/kg | |
| 72-54-8 | 4,4'-DDD | ND | 0.068 | 0.037 | ug/kg | |
| 72-55-9 | 4,4'-DDE | ND | 0.068 | 0.027 | ug/kg | |
| 50-29-3 | 4,4'-DDT | ND | 0.068 | 0.033 | ug/kg | |
| 72-20-8 | Endrin | ND | 0.068 | 0.022 | ug/kg | |
| 1031-07-8 | Endosulfan sulfate | ND | 0.068 | 0.029 | ug/kg | |
| 7421-93-4 | Endrin aldehyde | ND | 0.068 | 0.035 | ug/kg | |
| 959-98-8 | Endosulfan-I | ND | 0.068 | 0.026 | ug/kg | |
| 33213-65-9 | Endosulfan-II | ND | 0.068 | 0.041 | ug/kg | |
| 76-44-8 | Heptachlor | ND | 0.068 | 0.033 | ug/kg | |
| 1024-57-3 | Heptachlor epoxide | ND | 0.068 | 0.025 | ug/kg | |
| 72-43-5 | Methoxychlor | ND | 0.14 | 0.066 | ug/kg | |
| 53494-70-5 | Endrin ketone | ND | 0.068 | 0.028 | ug/kg | |
| 8001-35-2 | Toxaphene | ND | 1.7 | 0.85 | ug/kg | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|-----------|----------------------|--------|--------|---------|
| 877-09-8 | Tetrachloro-m-xylene | 62% | | 10-147% |
| 877-09-8 | Tetrachloro-m-xylene | 52% | | 10-147% |
| 2051-24-3 | Decachlorobiphenyl | 62% | | 10-154% |
| 2051-24-3 | Decachlorobiphenyl | 67% | | 10-154% |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | |
|---|--|
| Client Sample ID: SB-1 (40-42) Lab Sample ID: JB58123-6 Matrix: SO - Soil Method: SW846 8082A SW846 3546 Project: Flushing Commons, Union Street, Flushing, NY | Date Sampled: 01/17/14 Date Received: 01/17/14 Percent Solids: 97.8 |
|---|--|

| Run # | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|-----------|----|----------|----|-----------|------------|------------------|
| Run #1 | 5G22362.D | 1 | 01/21/14 | JR | 01/20/14 | OP72116 | G5G574 |
| Run #2 | | | | | | | |

| Run # | Initial Weight | Final Volume |
|--------|----------------|--------------|
| Run #1 | 15.4 g | 1.0 ml |
| Run #2 | | |

PCB List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|--------------|--------|-----|------|-------|---|
| 12674-11-2 | Aroclor 1016 | ND | 3.3 | 0.86 | ug/kg | |
| 11104-28-2 | Aroclor 1221 | ND | 3.3 | 2.0 | ug/kg | |
| 11141-16-5 | Aroclor 1232 | ND | 3.3 | 1.7 | ug/kg | |
| 53469-21-9 | Aroclor 1242 | ND | 3.3 | 1.1 | ug/kg | |
| 12672-29-6 | Aroclor 1248 | ND | 3.3 | 1.0 | ug/kg | |
| 11097-69-1 | Aroclor 1254 | ND | 3.3 | 1.6 | ug/kg | |
| 11096-82-5 | Aroclor 1260 | ND | 3.3 | 1.1 | ug/kg | |
| 11100-14-4 | Aroclor 1268 | ND | 3.3 | 0.98 | ug/kg | |
| 37324-23-5 | Aroclor 1262 | ND | 3.3 | 1.1 | ug/kg | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|-----------|----------------------|--------|--------|---------|
| 877-09-8 | Tetrachloro-m-xylene | 84% | | 14-139% |
| 877-09-8 | Tetrachloro-m-xylene | 89% | | 14-139% |
| 2051-24-3 | Decachlorobiphenyl | 75% | | 10-155% |
| 2051-24-3 | Decachlorobiphenyl | 75% | | 10-155% |

ND = Not detected MDL - Method Detection Limit J = Indicates an estimated value
 RL = Reporting Limit B = Indicates analyte found in associated method blank
 E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

4.16
4

Report of Analysis

| | |
|---|-------------------------|
| Client Sample ID: SB-1 (40-42) | Date Sampled: 01/17/14 |
| Lab Sample ID: JB58123-6 | Date Received: 01/17/14 |
| Matrix: SO - Soil | Percent Solids: 97.8 |
| Project: Flushing Commons, Union Street, Flushing, NY | |

Metals Analysis

| Analyte | Result | RL | Units | DF | Prep | Analyzed By | Method | Prep Method |
|-----------|---------|-------|-------|----|----------|-------------|--------------------------|--------------------------|
| Aluminum | 856 | 52 | mg/kg | 1 | 01/20/14 | 01/20/14 KK | SW846 6010C ² | SW846 3050B ⁵ |
| Antimony | < 2.1 | 2.1 | mg/kg | 1 | 01/20/14 | 01/20/14 KK | SW846 6010C ² | SW846 3050B ⁵ |
| Arsenic | < 2.1 | 2.1 | mg/kg | 1 | 01/20/14 | 01/20/14 KK | SW846 6010C ² | SW846 3050B ⁵ |
| Barium | < 21 | 21 | mg/kg | 1 | 01/20/14 | 01/20/14 KK | SW846 6010C ² | SW846 3050B ⁵ |
| Beryllium | < 0.21 | 0.21 | mg/kg | 1 | 01/20/14 | 01/20/14 KK | SW846 6010C ² | SW846 3050B ⁵ |
| Cadmium | < 0.52 | 0.52 | mg/kg | 1 | 01/20/14 | 01/20/14 KK | SW846 6010C ² | SW846 3050B ⁵ |
| Calcium | < 520 | 520 | mg/kg | 1 | 01/20/14 | 01/20/14 KK | SW846 6010C ² | SW846 3050B ⁵ |
| Chromium | 5.5 | 1.0 | mg/kg | 1 | 01/20/14 | 01/20/14 KK | SW846 6010C ² | SW846 3050B ⁵ |
| Cobalt | < 5.2 | 5.2 | mg/kg | 1 | 01/20/14 | 01/20/14 KK | SW846 6010C ² | SW846 3050B ⁵ |
| Copper | 3.2 | 2.6 | mg/kg | 1 | 01/20/14 | 01/20/14 KK | SW846 6010C ² | SW846 3050B ⁵ |
| Iron | 6390 | 52 | mg/kg | 1 | 01/20/14 | 01/20/14 KK | SW846 6010C ² | SW846 3050B ⁵ |
| Lead | < 2.1 | 2.1 | mg/kg | 1 | 01/20/14 | 01/20/14 KK | SW846 6010C ² | SW846 3050B ⁵ |
| Magnesium | < 520 | 520 | mg/kg | 1 | 01/20/14 | 01/20/14 KK | SW846 6010C ² | SW846 3050B ⁵ |
| Manganese | 200 | 1.6 | mg/kg | 1 | 01/20/14 | 01/20/14 KK | SW846 6010C ² | SW846 3050B ⁵ |
| Mercury | < 0.030 | 0.030 | mg/kg | 1 | 01/20/14 | 01/20/14 JW | SW846 7471B ¹ | SW846 7471B ⁴ |
| Nickel | 4.8 | 4.2 | mg/kg | 1 | 01/20/14 | 01/20/14 KK | SW846 6010C ² | SW846 3050B ⁵ |
| Potassium | < 1000 | 1000 | mg/kg | 1 | 01/20/14 | 01/20/14 KK | SW846 6010C ² | SW846 3050B ⁵ |
| Selenium | < 2.1 | 2.1 | mg/kg | 1 | 01/20/14 | 01/20/14 KK | SW846 6010C ² | SW846 3050B ⁵ |
| Silver | < 0.52 | 0.52 | mg/kg | 1 | 01/20/14 | 01/20/14 KK | SW846 6010C ² | SW846 3050B ⁵ |
| Sodium | < 1000 | 1000 | mg/kg | 1 | 01/20/14 | 01/20/14 KK | SW846 6010C ² | SW846 3050B ⁵ |
| Thallium | < 1.0 | 1.0 | mg/kg | 1 | 01/20/14 | 01/20/14 KK | SW846 6010C ² | SW846 3050B ⁵ |
| Vanadium | 7.8 | 5.2 | mg/kg | 1 | 01/20/14 | 01/20/14 KK | SW846 6010C ² | SW846 3050B ⁵ |
| Zinc | 7.3 | 2.1 | mg/kg | 1 | 01/20/14 | 01/23/14 SM | SW846 6010C ³ | SW846 3050B ⁵ |

- (1) Instrument QC Batch: MA33101
- (2) Instrument QC Batch: MA33104
- (3) Instrument QC Batch: MA33132
- (4) Prep QC Batch: MP77302
- (5) Prep QC Batch: MP77305

RL = Reporting Limit

Report of Analysis

| | |
|---|-------------------------|
| Client Sample ID: SB-4 (0-2) | Date Sampled: 01/16/14 |
| Lab Sample ID: JB58123-7 | Date Received: 01/17/14 |
| Matrix: SO - Soil | Percent Solids: 91.6 |
| Method: SW846 8260C SW846 5035 | |
| Project: Flushing Commons, Union Street, Flushing, NY | |

| Run #1 | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|-----------|----|----------|-----|----------------|------------|------------------|
| Run #2 | I191970.D | 1 | 01/23/14 | SJM | 01/18/14 11:00 | n/a | VI7755 |

| Run #1 | Initial Weight |
|--------|----------------|
| Run #2 | 6.2 g |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|-----------------------------|--------|------|------|-------|---|
| 67-64-1 | Acetone | ND | 8.8 | 4.0 | ug/kg | |
| 71-43-2 | Benzene | ND | 0.88 | 0.11 | ug/kg | |
| 74-97-5 | Bromochloromethane | ND | 4.4 | 0.46 | ug/kg | |
| 75-27-4 | Bromodichloromethane | ND | 4.4 | 0.25 | ug/kg | |
| 75-25-2 | Bromoform | ND | 4.4 | 0.23 | ug/kg | |
| 74-83-9 | Bromomethane | ND | 4.4 | 0.42 | ug/kg | |
| 78-93-3 | 2-Butanone (MEK) | ND | 8.8 | 3.9 | ug/kg | |
| 75-15-0 | Carbon disulfide | ND | 4.4 | 0.12 | ug/kg | |
| 56-23-5 | Carbon tetrachloride | ND | 4.4 | 0.22 | ug/kg | |
| 108-90-7 | Chlorobenzene | ND | 4.4 | 0.17 | ug/kg | |
| 75-00-3 | Chloroethane | ND | 4.4 | 0.88 | ug/kg | |
| 67-66-3 | Chloroform | ND | 4.4 | 0.22 | ug/kg | |
| 74-87-3 | Chloromethane | ND | 4.4 | 0.30 | ug/kg | |
| 110-82-7 | Cyclohexane | ND | 4.4 | 0.23 | ug/kg | |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ND | 8.8 | 1.2 | ug/kg | |
| 124-48-1 | Dibromochloromethane | ND | 4.4 | 0.21 | ug/kg | |
| 106-93-4 | 1,2-Dibromoethane | ND | 0.88 | 0.48 | ug/kg | |
| 95-50-1 | 1,2-Dichlorobenzene | ND | 4.4 | 0.30 | ug/kg | |
| 541-73-1 | 1,3-Dichlorobenzene | ND | 4.4 | 0.19 | ug/kg | |
| 106-46-7 | 1,4-Dichlorobenzene | ND | 4.4 | 0.22 | ug/kg | |
| 75-71-8 | Dichlorodifluoromethane | ND | 4.4 | 0.31 | ug/kg | |
| 75-34-3 | 1,1-Dichloroethane | ND | 4.4 | 0.28 | ug/kg | |
| 107-06-2 | 1,2-Dichloroethane | ND | 0.88 | 0.28 | ug/kg | |
| 75-35-4 | 1,1-Dichloroethene | ND | 4.4 | 0.25 | ug/kg | |
| 156-59-2 | cis-1,2-Dichloroethene | ND | 4.4 | 0.18 | ug/kg | |
| 156-60-5 | trans-1,2-Dichloroethene | ND | 4.4 | 0.37 | ug/kg | |
| 78-87-5 | 1,2-Dichloropropane | ND | 4.4 | 0.38 | ug/kg | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 4.4 | 0.20 | ug/kg | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 4.4 | 0.24 | ug/kg | |
| 100-41-4 | Ethylbenzene | ND | 0.88 | 0.15 | ug/kg | |
| 76-13-1 | Freon 113 | ND | 4.4 | 0.38 | ug/kg | |
| 591-78-6 | 2-Hexanone | ND | 4.4 | 1.6 | ug/kg | |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | | | |
|-------------------|--|-----------------|----------|
| Client Sample ID: | SB-4 (0-2) | Date Sampled: | 01/16/14 |
| Lab Sample ID: | JB58123-7 | Date Received: | 01/17/14 |
| Matrix: | SO - Soil | Percent Solids: | 91.6 |
| Method: | SW846 8260C SW846 5035 | | |
| Project: | Flushing Commons, Union Street, Flushing, NY | | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|----------------------------|--------|------|------|-------|---|
| 98-82-8 | Isopropylbenzene | ND | 4.4 | 0.13 | ug/kg | |
| 79-20-9 | Methyl Acetate | ND | 4.4 | 1.5 | ug/kg | |
| 108-87-2 | Methylcyclohexane | ND | 4.4 | 0.14 | ug/kg | |
| 1634-04-4 | Methyl Tert Butyl Ether | ND | 0.88 | 0.30 | ug/kg | |
| 108-10-1 | 4-Methyl-2-pentanone(MIBK) | ND | 4.4 | 1.2 | ug/kg | |
| 75-09-2 | Methylene chloride | ND | 4.4 | 1.5 | ug/kg | |
| 100-42-5 | Styrene | ND | 4.4 | 0.20 | ug/kg | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 4.4 | 0.30 | ug/kg | |
| 127-18-4 | Tetrachloroethene | ND | 4.4 | 0.36 | ug/kg | |
| 108-88-3 | Toluene | ND | 0.88 | 0.13 | ug/kg | |
| 87-61-6 | 1,2,3-Trichlorobenzene | ND | 4.4 | 0.18 | ug/kg | |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | 4.4 | 0.16 | ug/kg | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 4.4 | 0.25 | ug/kg | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 4.4 | 0.72 | ug/kg | |
| 79-01-6 | Trichloroethene | ND | 4.4 | 0.31 | ug/kg | |
| 75-69-4 | Trichlorofluoromethane | ND | 4.4 | 0.20 | ug/kg | |
| 75-01-4 | Vinyl chloride | ND | 4.4 | 0.30 | ug/kg | |
| | m,p-Xylene | ND | 0.88 | 0.43 | ug/kg | |
| 95-47-6 | o-Xylene | ND | 0.88 | 0.16 | ug/kg | |
| 1330-20-7 | Xylene (total) | ND | 0.88 | 0.16 | ug/kg | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|------------|-----------------------|--------|--------|---------|
| 1868-53-7 | Dibromofluoromethane | 106% | | 59-130% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 109% | | 65-123% |
| 2037-26-5 | Toluene-D8 | 90% | | 80-124% |
| 460-00-4 | 4-Bromofluorobenzene | 95% | | 71-132% |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | |
|---|-------------------------|
| Client Sample ID: SB-4 (0-2) | Date Sampled: 01/16/14 |
| Lab Sample ID: JB58123-7 | Date Received: 01/17/14 |
| Matrix: SO - Soil | Percent Solids: 91.6 |
| Method: SW846 8270D SW846 3550C | |
| Project: Flushing Commons, Union Street, Flushing, NY | |

| Run #1 | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|----------|----|----------|----|-----------|------------|------------------|
| Run #2 | P81963.D | 1 | 01/21/14 | AD | 01/20/14 | OP72113 | EP3489 |

| Run #1 | Initial Weight | Final Volume |
|--------|----------------|--------------|
| Run #2 | 31.3 g | 1.0 ml |

ABN TCL List (SOM0 2.0)

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|----------------------------|--------|-----|-----|-------|---|
| 95-57-8 | 2-Chlorophenol | ND | 70 | 35 | ug/kg | |
| 59-50-7 | 4-Chloro-3-methyl phenol | ND | 170 | 35 | ug/kg | |
| 120-83-2 | 2,4-Dichlorophenol | ND | 170 | 56 | ug/kg | |
| 105-67-9 | 2,4-Dimethylphenol | ND | 170 | 59 | ug/kg | |
| 51-28-5 | 2,4-Dinitrophenol | ND | 700 | 43 | ug/kg | |
| 534-52-1 | 4,6-Dinitro-o-cresol | ND | 700 | 43 | ug/kg | |
| 95-48-7 | 2-Methylphenol | ND | 70 | 40 | ug/kg | |
| | 3&4-Methylphenol | ND | 70 | 44 | ug/kg | |
| 88-75-5 | 2-Nitrophenol | ND | 170 | 37 | ug/kg | |
| 100-02-7 | 4-Nitrophenol | ND | 350 | 59 | ug/kg | |
| 87-86-5 | Pentachlorophenol | ND | 350 | 60 | ug/kg | |
| 108-95-2 | Phenol | ND | 70 | 37 | ug/kg | |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | ND | 170 | 36 | ug/kg | |
| 95-95-4 | 2,4,5-Trichlorophenol | ND | 170 | 40 | ug/kg | |
| 88-06-2 | 2,4,6-Trichlorophenol | ND | 170 | 33 | ug/kg | |
| 83-32-9 | Acenaphthene | ND | 35 | 10 | ug/kg | |
| 208-96-8 | Acenaphthylene | ND | 35 | 11 | ug/kg | |
| 98-86-2 | Acetophenone | ND | 170 | 6.1 | ug/kg | |
| 120-12-7 | Anthracene | ND | 35 | 12 | ug/kg | |
| 1912-24-9 | Atrazine | ND | 70 | 6.9 | ug/kg | |
| 56-55-3 | Benzo(a)anthracene | ND | 35 | 11 | ug/kg | |
| 50-32-8 | Benzo(a)pyrene | ND | 35 | 11 | ug/kg | |
| 205-99-2 | Benzo(b)fluoranthene | ND | 35 | 12 | ug/kg | |
| 191-24-2 | Benzo(g,h,i)perylene | ND | 35 | 13 | ug/kg | |
| 207-08-9 | Benzo(k)fluoranthene | ND | 35 | 13 | ug/kg | |
| 101-55-3 | 4-Bromophenyl phenyl ether | ND | 70 | 13 | ug/kg | |
| 85-68-7 | Butyl benzyl phthalate | ND | 70 | 20 | ug/kg | |
| 92-52-4 | 1,1'-Biphenyl | ND | 70 | 4.0 | ug/kg | |
| 100-52-7 | Benzaldehyde | ND | 170 | 8.0 | ug/kg | |
| 91-58-7 | 2-Chloronaphthalene | ND | 70 | 11 | ug/kg | |
| 106-47-8 | 4-Chloroaniline | ND | 170 | 11 | ug/kg | |
| 86-74-8 | Carbazole | ND | 70 | 16 | ug/kg | |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | | | |
|-------------------|--|-----------------|----------|
| Client Sample ID: | SB-4 (0-2) | Date Sampled: | 01/16/14 |
| Lab Sample ID: | JB58123-7 | Date Received: | 01/17/14 |
| Matrix: | SO - Soil | Percent Solids: | 91.6 |
| Method: | SW846 8270D SW846 3550C | | |
| Project: | Flushing Commons, Union Street, Flushing, NY | | |

ABN TCL List (SOM0 2.0)

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|-----------------------------|--------|-----|-----|-------|---|
| 105-60-2 | Caprolactam | ND | 70 | 11 | ug/kg | |
| 218-01-9 | Chrysene | ND | 35 | 12 | ug/kg | |
| 111-91-1 | bis(2-Chloroethoxy)methane | ND | 70 | 14 | ug/kg | |
| 111-44-4 | bis(2-Chloroethyl)ether | ND | 70 | 10 | ug/kg | |
| 108-60-1 | bis(2-Chloroisopropyl)ether | ND | 70 | 10 | ug/kg | |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | ND | 70 | 10 | ug/kg | |
| 121-14-2 | 2,4-Dinitrotoluene | ND | 35 | 15 | ug/kg | |
| 606-20-2 | 2,6-Dinitrotoluene | ND | 35 | 13 | ug/kg | |
| 91-94-1 | 3,3'-Dichlorobenzidine | ND | 70 | 8.9 | ug/kg | |
| 123-91-1 | 1,4-Dioxane | ND | 35 | 23 | ug/kg | |
| 53-70-3 | Dibenzo(a,h)anthracene | ND | 35 | 12 | ug/kg | |
| 132-64-9 | Dibenzofuran | ND | 70 | 10 | ug/kg | |
| 84-74-2 | Di-n-butyl phthalate | ND | 70 | 7.7 | ug/kg | |
| 117-84-0 | Di-n-octyl phthalate | ND | 70 | 17 | ug/kg | |
| 84-66-2 | Diethyl phthalate | ND | 70 | 12 | ug/kg | |
| 131-11-3 | Dimethyl phthalate | ND | 70 | 12 | ug/kg | |
| 117-81-7 | bis(2-Ethylhexyl)phthalate | ND | 70 | 31 | ug/kg | |
| 206-44-0 | Fluoranthene | ND | 35 | 15 | ug/kg | |
| 86-73-7 | Fluorene | ND | 35 | 11 | ug/kg | |
| 118-74-1 | Hexachlorobenzene | ND | 70 | 11 | ug/kg | |
| 87-68-3 | Hexachlorobutadiene | ND | 35 | 9.7 | ug/kg | |
| 77-47-4 | Hexachlorocyclopentadiene | ND | 350 | 36 | ug/kg | |
| 67-72-1 | Hexachloroethane | ND | 170 | 9.7 | ug/kg | |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | ND | 35 | 12 | ug/kg | |
| 78-59-1 | Isophorone | ND | 70 | 9.4 | ug/kg | |
| 91-57-6 | 2-Methylnaphthalene | ND | 70 | 19 | ug/kg | |
| 88-74-4 | 2-Nitroaniline | ND | 170 | 15 | ug/kg | |
| 99-09-2 | 3-Nitroaniline | ND | 170 | 14 | ug/kg | |
| 100-01-6 | 4-Nitroaniline | ND | 170 | 14 | ug/kg | |
| 91-20-3 | Naphthalene | ND | 35 | 9.5 | ug/kg | |
| 98-95-3 | Nitrobenzene | ND | 70 | 10 | ug/kg | |
| 621-64-7 | N-Nitroso-di-n-propylamine | ND | 70 | 8.5 | ug/kg | |
| 86-30-6 | N-Nitrosodiphenylamine | ND | 170 | 21 | ug/kg | |
| 85-01-8 | Phenanthrene | ND | 35 | 16 | ug/kg | |
| 129-00-0 | Pyrene | ND | 35 | 13 | ug/kg | |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | ND | 170 | 11 | ug/kg | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|----------|----------------------|--------|--------|---------|
| 367-12-4 | 2-Fluorophenol | 64% | | 13-110% |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | |
|--|--------------------------------|
| Client Sample ID: SB-4 (0-2) | Date Sampled: 01/16/14 |
| Lab Sample ID: JB58123-7 | Date Received: 01/17/14 |
| Matrix: SO - Soil | Percent Solids: 91.6 |
| Method: SW846 8270D SW846 3550C | |
| Project: Flushing Commons, Union Street, Flushing, NY | |

ABN TCL List (SOM0 2.0)

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|-----------|----------------------|--------|--------|---------|
| 4165-62-2 | Phenol-d5 | 62% | | 15-110% |
| 118-79-6 | 2,4,6-Tribromophenol | 77% | | 20-123% |
| 4165-60-0 | Nitrobenzene-d5 | 61% | | 10-110% |
| 321-60-8 | 2-Fluorobiphenyl | 67% | | 17-110% |
| 1718-51-0 | Terphenyl-d14 | 82% | | 30-124% |

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

4.17
4

Report of Analysis

| | |
|---|-------------------------|
| Client Sample ID: SB-4 (0-2) | Date Sampled: 01/16/14 |
| Lab Sample ID: JB58123-7 | Date Received: 01/17/14 |
| Matrix: SO - Soil | Percent Solids: 91.6 |
| Project: Flushing Commons, Union Street, Flushing, NY | |

Metals Analysis

| Analyte | Result | RL | Units | DF | Prep | Analyzed By | Method | Prep Method |
|-----------|---------|-------|-------|----|----------|-------------|--------------------------|--------------------------|
| Aluminum | 10700 | 56 | mg/kg | 1 | 01/20/14 | 01/20/14 KK | SW846 6010C ² | SW846 3050B ⁵ |
| Antimony | < 2.3 | 2.3 | mg/kg | 1 | 01/20/14 | 01/20/14 KK | SW846 6010C ² | SW846 3050B ⁵ |
| Arsenic | < 2.3 | 2.3 | mg/kg | 1 | 01/20/14 | 01/20/14 KK | SW846 6010C ² | SW846 3050B ⁵ |
| Barium | 61.0 | 23 | mg/kg | 1 | 01/20/14 | 01/20/14 KK | SW846 6010C ² | SW846 3050B ⁵ |
| Beryllium | 0.52 | 0.23 | mg/kg | 1 | 01/20/14 | 01/20/14 KK | SW846 6010C ² | SW846 3050B ⁵ |
| Cadmium | < 0.56 | 0.56 | mg/kg | 1 | 01/20/14 | 01/20/14 KK | SW846 6010C ² | SW846 3050B ⁵ |
| Calcium | 605 | 560 | mg/kg | 1 | 01/20/14 | 01/20/14 KK | SW846 6010C ² | SW846 3050B ⁵ |
| Chromium | 27.2 | 1.1 | mg/kg | 1 | 01/20/14 | 01/20/14 KK | SW846 6010C ² | SW846 3050B ⁵ |
| Cobalt | 8.9 | 5.6 | mg/kg | 1 | 01/20/14 | 01/20/14 KK | SW846 6010C ² | SW846 3050B ⁵ |
| Copper | 16.3 | 2.8 | mg/kg | 1 | 01/20/14 | 01/20/14 KK | SW846 6010C ² | SW846 3050B ⁵ |
| Iron | 21900 | 56 | mg/kg | 1 | 01/20/14 | 01/20/14 KK | SW846 6010C ² | SW846 3050B ⁵ |
| Lead | 5.5 | 2.3 | mg/kg | 1 | 01/20/14 | 01/20/14 KK | SW846 6010C ² | SW846 3050B ⁵ |
| Magnesium | 2670 | 560 | mg/kg | 1 | 01/20/14 | 01/20/14 KK | SW846 6010C ² | SW846 3050B ⁵ |
| Manganese | 510 | 1.7 | mg/kg | 1 | 01/20/14 | 01/20/14 KK | SW846 6010C ² | SW846 3050B ⁵ |
| Mercury | < 0.034 | 0.034 | mg/kg | 1 | 01/20/14 | 01/20/14 JW | SW846 7471B ¹ | SW846 7471B ⁴ |
| Nickel | 23.6 | 4.5 | mg/kg | 1 | 01/20/14 | 01/20/14 KK | SW846 6010C ² | SW846 3050B ⁵ |
| Potassium | 2020 | 1100 | mg/kg | 1 | 01/20/14 | 01/20/14 KK | SW846 6010C ² | SW846 3050B ⁵ |
| Selenium | < 2.3 | 2.3 | mg/kg | 1 | 01/20/14 | 01/20/14 KK | SW846 6010C ² | SW846 3050B ⁵ |
| Silver | 1.3 | 0.56 | mg/kg | 1 | 01/20/14 | 01/20/14 KK | SW846 6010C ² | SW846 3050B ⁵ |
| Sodium | < 1100 | 1100 | mg/kg | 1 | 01/20/14 | 01/20/14 KK | SW846 6010C ² | SW846 3050B ⁵ |
| Thallium | < 1.1 | 1.1 | mg/kg | 1 | 01/20/14 | 01/20/14 KK | SW846 6010C ² | SW846 3050B ⁵ |
| Vanadium | 34.5 | 5.6 | mg/kg | 1 | 01/20/14 | 01/20/14 KK | SW846 6010C ² | SW846 3050B ⁵ |
| Zinc | 32.5 | 2.3 | mg/kg | 1 | 01/20/14 | 01/22/14 KK | SW846 6010C ³ | SW846 3050B ⁵ |

- (1) Instrument QC Batch: MA33101
- (2) Instrument QC Batch: MA33104
- (3) Instrument QC Batch: MA33128
- (4) Prep QC Batch: MP77302
- (5) Prep QC Batch: MP77305

RL = Reporting Limit

Report of Analysis

| | |
|---|-------------------------|
| Client Sample ID: SB-4 (28-30) | Date Sampled: 01/16/14 |
| Lab Sample ID: JB58123-8 | Date Received: 01/17/14 |
| Matrix: SO - Soil | Percent Solids: 97.3 |
| Method: SW846 8260C SW846 5035 | |
| Project: Flushing Commons, Union Street, Flushing, NY | |

| Run #1 | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|-----------|----|----------|-----|----------------|------------|------------------|
| Run #2 | I191971.D | 1 | 01/23/14 | SJM | 01/18/14 11:00 | n/a | VI7755 |

| Run #1 | Initial Weight |
|--------|----------------|
| Run #2 | 5.4 g |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|-----------------------------|--------|------|------|-------|---|
| 67-64-1 | Acetone | ND | 9.5 | 4.3 | ug/kg | |
| 71-43-2 | Benzene | ND | 0.95 | 0.12 | ug/kg | |
| 74-97-5 | Bromochloromethane | ND | 4.8 | 0.49 | ug/kg | |
| 75-27-4 | Bromodichloromethane | ND | 4.8 | 0.27 | ug/kg | |
| 75-25-2 | Bromoform | ND | 4.8 | 0.25 | ug/kg | |
| 74-83-9 | Bromomethane | ND | 4.8 | 0.46 | ug/kg | |
| 78-93-3 | 2-Butanone (MEK) | ND | 9.5 | 4.2 | ug/kg | |
| 75-15-0 | Carbon disulfide | ND | 4.8 | 0.13 | ug/kg | |
| 56-23-5 | Carbon tetrachloride | ND | 4.8 | 0.24 | ug/kg | |
| 108-90-7 | Chlorobenzene | ND | 4.8 | 0.19 | ug/kg | |
| 75-00-3 | Chloroethane | ND | 4.8 | 0.95 | ug/kg | |
| 67-66-3 | Chloroform | ND | 4.8 | 0.24 | ug/kg | |
| 74-87-3 | Chloromethane | ND | 4.8 | 0.33 | ug/kg | |
| 110-82-7 | Cyclohexane | ND | 4.8 | 0.24 | ug/kg | |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ND | 9.5 | 1.3 | ug/kg | |
| 124-48-1 | Dibromochloromethane | ND | 4.8 | 0.23 | ug/kg | |
| 106-93-4 | 1,2-Dibromoethane | ND | 0.95 | 0.52 | ug/kg | |
| 95-50-1 | 1,2-Dichlorobenzene | ND | 4.8 | 0.32 | ug/kg | |
| 541-73-1 | 1,3-Dichlorobenzene | ND | 4.8 | 0.21 | ug/kg | |
| 106-46-7 | 1,4-Dichlorobenzene | ND | 4.8 | 0.24 | ug/kg | |
| 75-71-8 | Dichlorodifluoromethane | ND | 4.8 | 0.34 | ug/kg | |
| 75-34-3 | 1,1-Dichloroethane | ND | 4.8 | 0.30 | ug/kg | |
| 107-06-2 | 1,2-Dichloroethane | ND | 0.95 | 0.31 | ug/kg | |
| 75-35-4 | 1,1-Dichloroethene | ND | 4.8 | 0.27 | ug/kg | |
| 156-59-2 | cis-1,2-Dichloroethene | ND | 4.8 | 0.20 | ug/kg | |
| 156-60-5 | trans-1,2-Dichloroethene | ND | 4.8 | 0.40 | ug/kg | |
| 78-87-5 | 1,2-Dichloropropane | ND | 4.8 | 0.41 | ug/kg | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 4.8 | 0.22 | ug/kg | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 4.8 | 0.26 | ug/kg | |
| 100-41-4 | Ethylbenzene | ND | 0.95 | 0.17 | ug/kg | |
| 76-13-1 | Freon 113 | ND | 4.8 | 0.41 | ug/kg | |
| 591-78-6 | 2-Hexanone | ND | 4.8 | 1.7 | ug/kg | |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | | | |
|-------------------|--|-----------------|----------|
| Client Sample ID: | SB-4 (28-30) | Date Sampled: | 01/16/14 |
| Lab Sample ID: | JB58123-8 | Date Received: | 01/17/14 |
| Matrix: | SO - Soil | Percent Solids: | 97.3 |
| Method: | SW846 8260C SW846 5035 | | |
| Project: | Flushing Commons, Union Street, Flushing, NY | | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|----------------------------|--------|------|------|-------|---|
| 98-82-8 | Isopropylbenzene | ND | 4.8 | 0.14 | ug/kg | |
| 79-20-9 | Methyl Acetate | ND | 4.8 | 1.6 | ug/kg | |
| 108-87-2 | Methylcyclohexane | ND | 4.8 | 0.16 | ug/kg | |
| 1634-04-4 | Methyl Tert Butyl Ether | ND | 0.95 | 0.33 | ug/kg | |
| 108-10-1 | 4-Methyl-2-pentanone(MIBK) | ND | 4.8 | 1.3 | ug/kg | |
| 75-09-2 | Methylene chloride | ND | 4.8 | 1.6 | ug/kg | |
| 100-42-5 | Styrene | ND | 4.8 | 0.22 | ug/kg | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 4.8 | 0.33 | ug/kg | |
| 127-18-4 | Tetrachloroethene | ND | 4.8 | 0.39 | ug/kg | |
| 108-88-3 | Toluene | ND | 0.95 | 0.14 | ug/kg | |
| 87-61-6 | 1,2,3-Trichlorobenzene | ND | 4.8 | 0.20 | ug/kg | |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | 4.8 | 0.17 | ug/kg | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 4.8 | 0.27 | ug/kg | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 4.8 | 0.78 | ug/kg | |
| 79-01-6 | Trichloroethene | ND | 4.8 | 0.33 | ug/kg | |
| 75-69-4 | Trichlorofluoromethane | ND | 4.8 | 0.21 | ug/kg | |
| 75-01-4 | Vinyl chloride | ND | 4.8 | 0.33 | ug/kg | |
| | m,p-Xylene | ND | 0.95 | 0.46 | ug/kg | |
| 95-47-6 | o-Xylene | ND | 0.95 | 0.17 | ug/kg | |
| 1330-20-7 | Xylene (total) | ND | 0.95 | 0.17 | ug/kg | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|------------|-----------------------|--------|--------|---------|
| 1868-53-7 | Dibromofluoromethane | 102% | | 59-130% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 103% | | 65-123% |
| 2037-26-5 | Toluene-D8 | 93% | | 80-124% |
| 460-00-4 | 4-Bromofluorobenzene | 97% | | 71-132% |

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

| | |
|---|-------------------------|
| Client Sample ID: SB-4 (28-30) | Date Sampled: 01/16/14 |
| Lab Sample ID: JB58123-8 | Date Received: 01/17/14 |
| Matrix: SO - Soil | Percent Solids: 97.3 |
| Method: SW846 8270D SW846 3550C | |
| Project: Flushing Commons, Union Street, Flushing, NY | |

| Run # | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|---------------------|----------|----|----------|----|-----------|------------|------------------|
| Run #1 | P81964.D | 1 | 01/21/14 | AD | 01/20/14 | OP72113 | EP3489 |
| Run #2 ^a | P81994.D | 1 | 01/21/14 | JL | 01/20/14 | OP72113 | EP3490 |

| Run # | Initial Weight | Final Volume |
|--------|----------------|--------------|
| Run #1 | 31.4 g | 1.0 ml |
| Run #2 | 31.4 g | 1.0 ml |

ABN TCL List (SOM0 2.0)

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|----------------------------|--------|-----|-----|-------|---|
| 95-57-8 | 2-Chlorophenol | ND | 65 | 33 | ug/kg | |
| 59-50-7 | 4-Chloro-3-methyl phenol | ND | 160 | 33 | ug/kg | |
| 120-83-2 | 2,4-Dichlorophenol | ND | 160 | 53 | ug/kg | |
| 105-67-9 | 2,4-Dimethylphenol | ND | 160 | 55 | ug/kg | |
| 51-28-5 | 2,4-Dinitrophenol | ND | 650 | 40 | ug/kg | |
| 534-52-1 | 4,6-Dinitro-o-cresol | ND | 650 | 40 | ug/kg | |
| 95-48-7 | 2-Methylphenol | ND | 65 | 37 | ug/kg | |
| | 3&4-Methylphenol | ND | 65 | 42 | ug/kg | |
| 88-75-5 | 2-Nitrophenol | ND | 160 | 35 | ug/kg | |
| 100-02-7 | 4-Nitrophenol | ND | 330 | 55 | ug/kg | |
| 87-86-5 | Pentachlorophenol | ND | 330 | 56 | ug/kg | |
| 108-95-2 | Phenol | ND | 65 | 34 | ug/kg | |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | ND | 160 | 34 | ug/kg | |
| 95-95-4 | 2,4,5-Trichlorophenol | ND | 160 | 38 | ug/kg | |
| 88-06-2 | 2,4,6-Trichlorophenol | ND | 160 | 31 | ug/kg | |
| 83-32-9 | Acenaphthene | ND | 33 | 9.5 | ug/kg | |
| 208-96-8 | Acenaphthylene | ND | 33 | 10 | ug/kg | |
| 98-86-2 | Acetophenone | ND | 160 | 5.8 | ug/kg | |
| 120-12-7 | Anthracene | ND | 33 | 11 | ug/kg | |
| 1912-24-9 | Atrazine | ND | 65 | 6.4 | ug/kg | |
| 56-55-3 | Benzo(a)anthracene | ND | 33 | 11 | ug/kg | |
| 50-32-8 | Benzo(a)pyrene | ND | 33 | 10 | ug/kg | |
| 205-99-2 | Benzo(b)fluoranthene | ND | 33 | 11 | ug/kg | |
| 191-24-2 | Benzo(g,h,i)perylene | ND | 33 | 12 | ug/kg | |
| 207-08-9 | Benzo(k)fluoranthene | ND | 33 | 12 | ug/kg | |
| 101-55-3 | 4-Bromophenyl phenyl ether | ND | 65 | 12 | ug/kg | |
| 85-68-7 | Butyl benzyl phthalate | ND | 65 | 19 | ug/kg | |
| 92-52-4 | 1,1'-Biphenyl | ND | 65 | 3.8 | ug/kg | |
| 100-52-7 | Benzaldehyde | ND | 160 | 7.5 | ug/kg | |
| 91-58-7 | 2-Chloronaphthalene | ND | 65 | 10 | ug/kg | |
| 106-47-8 | 4-Chloroaniline | ND | 160 | 10 | ug/kg | |
| 86-74-8 | Carbazole | ND | 65 | 15 | ug/kg | |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | | | |
|-------------------|--|-----------------|----------|
| Client Sample ID: | SB-4 (28-30) | Date Sampled: | 01/16/14 |
| Lab Sample ID: | JB58123-8 | Date Received: | 01/17/14 |
| Matrix: | SO - Soil | Percent Solids: | 97.3 |
| Method: | SW846 8270D SW846 3550C | | |
| Project: | Flushing Commons, Union Street, Flushing, NY | | |

ABN TCL List (SOM0 2.0)

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|-----------------------------|--------|-----|-----|-------|---|
| 105-60-2 | Caprolactam | ND | 65 | 10 | ug/kg | |
| 218-01-9 | Chrysene | ND | 33 | 11 | ug/kg | |
| 111-91-1 | bis(2-Chloroethoxy)methane | ND | 65 | 13 | ug/kg | |
| 111-44-4 | bis(2-Chloroethyl)ether | ND | 65 | 9.9 | ug/kg | |
| 108-60-1 | bis(2-Chloroisopropyl)ether | ND | 65 | 9.7 | ug/kg | |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | ND | 65 | 9.9 | ug/kg | |
| 121-14-2 | 2,4-Dinitrotoluene | ND | 33 | 14 | ug/kg | |
| 606-20-2 | 2,6-Dinitrotoluene | ND | 33 | 12 | ug/kg | |
| 91-94-1 | 3,3'-Dichlorobenzidine | ND | 65 | 8.3 | ug/kg | |
| 123-91-1 | 1,4-Dioxane | ND | 33 | 21 | ug/kg | |
| 53-70-3 | Dibenzo(a,h)anthracene | ND | 33 | 11 | ug/kg | |
| 132-64-9 | Dibenzofuran | ND | 65 | 9.7 | ug/kg | |
| 84-74-2 | Di-n-butyl phthalate | ND | 65 | 7.3 | ug/kg | |
| 117-84-0 | Di-n-octyl phthalate | ND | 65 | 16 | ug/kg | |
| 84-66-2 | Diethyl phthalate | ND | 65 | 11 | ug/kg | |
| 131-11-3 | Dimethyl phthalate | ND | 65 | 12 | ug/kg | |
| 117-81-7 | bis(2-Ethylhexyl)phthalate | ND | 65 | 29 | ug/kg | |
| 206-44-0 | Fluoranthene | ND | 33 | 14 | ug/kg | |
| 86-73-7 | Fluorene | ND | 33 | 11 | ug/kg | |
| 118-74-1 | Hexachlorobenzene | ND | 65 | 11 | ug/kg | |
| 87-68-3 | Hexachlorobutadiene | ND | 33 | 9.1 | ug/kg | |
| 77-47-4 | Hexachlorocyclopentadiene | ND | 330 | 33 | ug/kg | |
| 67-72-1 | Hexachloroethane | ND | 160 | 9.1 | ug/kg | |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | ND | 33 | 11 | ug/kg | |
| 78-59-1 | Isophorone | ND | 65 | 8.8 | ug/kg | |
| 91-57-6 | 2-Methylnaphthalene | ND | 65 | 18 | ug/kg | |
| 88-74-4 | 2-Nitroaniline | ND | 160 | 14 | ug/kg | |
| 99-09-2 | 3-Nitroaniline | ND | 160 | 13 | ug/kg | |
| 100-01-6 | 4-Nitroaniline | ND | 160 | 13 | ug/kg | |
| 91-20-3 | Naphthalene | ND | 33 | 8.9 | ug/kg | |
| 98-95-3 | Nitrobenzene | ND | 65 | 9.5 | ug/kg | |
| 621-64-7 | N-Nitroso-di-n-propylamine | ND | 65 | 8.0 | ug/kg | |
| 86-30-6 | N-Nitrosodiphenylamine | ND | 160 | 20 | ug/kg | |
| 85-01-8 | Phenanthrene | ND | 33 | 15 | ug/kg | |
| 129-00-0 | Pyrene | ND | 33 | 13 | ug/kg | |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | ND | 160 | 10 | ug/kg | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|----------|----------------------|--------|--------|---------|
| 367-12-4 | 2-Fluorophenol | 60% | 62% | 13-110% |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | |
|--|--------------------------------|
| Client Sample ID: SB-4 (28-30) | Date Sampled: 01/16/14 |
| Lab Sample ID: JB58123-8 | Date Received: 01/17/14 |
| Matrix: SO - Soil | Percent Solids: 97.3 |
| Method: SW846 8270D SW846 3550C | |
| Project: Flushing Commons, Union Street, Flushing, NY | |

ABN TCL List (SOM0 2.0)

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|-----------|----------------------|--------|--------|---------|
| 4165-62-2 | Phenol-d5 | 62% | 65% | 15-110% |
| 118-79-6 | 2,4,6-Tribromophenol | 86% | 83% | 20-123% |
| 4165-60-0 | Nitrobenzene-d5 | 52% | 49% | 10-110% |
| 321-60-8 | 2-Fluorobiphenyl | 72% | 71% | 17-110% |
| 1718-51-0 | Terphenyl-d14 | 80% | 83% | 30-124% |

(a) Confirmation run for internal standard areas.

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

4.18
4

Report of Analysis

| | |
|---|-------------------------|
| Client Sample ID: SB-4 (28-30) | Date Sampled: 01/16/14 |
| Lab Sample ID: JB58123-8 | Date Received: 01/17/14 |
| Matrix: SO - Soil | Percent Solids: 97.3 |
| Method: SW846 8081B SW846 3546 | |
| Project: Flushing Commons, Union Street, Flushing, NY | |

| Run # | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|-----------|----|----------|----|-----------|------------|------------------|
| Run #1 | 1G98741.D | 1 | 01/23/14 | JN | 01/20/14 | OP72115 | G1G3238 |
| Run #2 | | | | | | | |

| Run # | Initial Weight | Final Volume |
|--------|----------------|--------------|
| Run #1 | 15.2 g | 1.0 ml |
| Run #2 | | |

Pesticide TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|---------------------|--------|-------|-------|-------|---|
| 309-00-2 | Aldrin | ND | 0.068 | 0.031 | ug/kg | |
| 319-84-6 | alpha-BHC | ND | 0.068 | 0.020 | ug/kg | |
| 319-85-7 | beta-BHC | ND | 0.068 | 0.042 | ug/kg | |
| 319-86-8 | delta-BHC | ND | 0.068 | 0.033 | ug/kg | |
| 58-89-9 | gamma-BHC (Lindane) | ND | 0.068 | 0.033 | ug/kg | |
| 5103-71-9 | alpha-Chlordane | ND | 0.068 | 0.025 | ug/kg | |
| 5103-74-2 | gamma-Chlordane | ND | 0.068 | 0.047 | ug/kg | |
| 60-57-1 | Dieldrin | ND | 0.068 | 0.026 | ug/kg | |
| 72-54-8 | 4,4'-DDD | ND | 0.068 | 0.037 | ug/kg | |
| 72-55-9 | 4,4'-DDE | ND | 0.068 | 0.027 | ug/kg | |
| 50-29-3 | 4,4'-DDT | ND | 0.068 | 0.033 | ug/kg | |
| 72-20-8 | Endrin | ND | 0.068 | 0.022 | ug/kg | |
| 1031-07-8 | Endosulfan sulfate | ND | 0.068 | 0.029 | ug/kg | |
| 7421-93-4 | Endrin aldehyde | ND | 0.068 | 0.035 | ug/kg | |
| 959-98-8 | Endosulfan-I | ND | 0.068 | 0.026 | ug/kg | |
| 33213-65-9 | Endosulfan-II | ND | 0.068 | 0.041 | ug/kg | |
| 76-44-8 | Heptachlor | ND | 0.068 | 0.033 | ug/kg | |
| 1024-57-3 | Heptachlor epoxide | ND | 0.068 | 0.025 | ug/kg | |
| 72-43-5 | Methoxychlor | ND | 0.14 | 0.066 | ug/kg | |
| 53494-70-5 | Endrin ketone | ND | 0.068 | 0.028 | ug/kg | |
| 8001-35-2 | Toxaphene | ND | 1.7 | 0.85 | ug/kg | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|-----------|----------------------|--------|--------|---------|
| 877-09-8 | Tetrachloro-m-xylene | 69% | | 10-147% |
| 877-09-8 | Tetrachloro-m-xylene | 46% | | 10-147% |
| 2051-24-3 | Decachlorobiphenyl | 55% | | 10-154% |
| 2051-24-3 | Decachlorobiphenyl | 52% | | 10-154% |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | |
|---|-------------------------|
| Client Sample ID: SB-4 (28-30) | Date Sampled: 01/16/14 |
| Lab Sample ID: JB58123-8 | Date Received: 01/17/14 |
| Matrix: SO - Soil | Percent Solids: 97.3 |
| Method: SW846 8082A SW846 3546 | |
| Project: Flushing Commons, Union Street, Flushing, NY | |

| Run # | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|-----------|----|----------|----|-----------|------------|------------------|
| Run #1 | 5G22415.D | 1 | 01/22/14 | JR | 01/20/14 | OP72116 | G5G577 |
| Run #2 | | | | | | | |

| Run # | Initial Weight | Final Volume |
|--------|----------------|--------------|
| Run #1 | 15.1 g | 1.0 ml |
| Run #2 | | |

PCB List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|--------------|--------|-----|------|-------|---|
| 12674-11-2 | Aroclor 1016 | ND | 3.4 | 0.88 | ug/kg | |
| 11104-28-2 | Aroclor 1221 | ND | 3.4 | 2.0 | ug/kg | |
| 11141-16-5 | Aroclor 1232 | ND | 3.4 | 1.7 | ug/kg | |
| 53469-21-9 | Aroclor 1242 | ND | 3.4 | 1.1 | ug/kg | |
| 12672-29-6 | Aroclor 1248 | ND | 3.4 | 1.0 | ug/kg | |
| 11097-69-1 | Aroclor 1254 | ND | 3.4 | 1.6 | ug/kg | |
| 11096-82-5 | Aroclor 1260 | ND | 3.4 | 1.1 | ug/kg | |
| 11100-14-4 | Aroclor 1268 | ND | 3.4 | 1.0 | ug/kg | |
| 37324-23-5 | Aroclor 1262 | ND | 3.4 | 1.1 | ug/kg | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|-----------|----------------------|--------|--------|---------|
| 877-09-8 | Tetrachloro-m-xylene | 75% | | 14-139% |
| 877-09-8 | Tetrachloro-m-xylene | 92% | | 14-139% |
| 2051-24-3 | Decachlorobiphenyl | 78% | | 10-155% |
| 2051-24-3 | Decachlorobiphenyl | 75% | | 10-155% |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | |
|---|-------------------------|
| Client Sample ID: SB-4 (28-30) | Date Sampled: 01/16/14 |
| Lab Sample ID: JB58123-8 | Date Received: 01/17/14 |
| Matrix: SO - Soil | Percent Solids: 97.3 |
| Project: Flushing Commons, Union Street, Flushing, NY | |

Metals Analysis

| Analyte | Result | RL | Units | DF | Prep | Analyzed By | Method | Prep Method |
|-----------|---------|-------|-------|----|----------|-------------|--------------------------|--------------------------|
| Aluminum | 4120 | 52 | mg/kg | 1 | 01/20/14 | 01/20/14 KK | SW846 6010C ² | SW846 3050B ⁵ |
| Antimony | < 2.1 | 2.1 | mg/kg | 1 | 01/20/14 | 01/20/14 KK | SW846 6010C ² | SW846 3050B ⁵ |
| Arsenic | < 2.1 | 2.1 | mg/kg | 1 | 01/20/14 | 01/20/14 KK | SW846 6010C ² | SW846 3050B ⁵ |
| Barium | 37.4 | 21 | mg/kg | 1 | 01/20/14 | 01/20/14 KK | SW846 6010C ² | SW846 3050B ⁵ |
| Beryllium | < 0.21 | 0.21 | mg/kg | 1 | 01/20/14 | 01/20/14 KK | SW846 6010C ² | SW846 3050B ⁵ |
| Cadmium | < 0.52 | 0.52 | mg/kg | 1 | 01/20/14 | 01/20/14 KK | SW846 6010C ² | SW846 3050B ⁵ |
| Calcium | 2180 | 520 | mg/kg | 1 | 01/20/14 | 01/20/14 KK | SW846 6010C ² | SW846 3050B ⁵ |
| Chromium | 18.6 | 1.0 | mg/kg | 1 | 01/20/14 | 01/20/14 KK | SW846 6010C ² | SW846 3050B ⁵ |
| Cobalt | < 5.2 | 5.2 | mg/kg | 1 | 01/20/14 | 01/20/14 KK | SW846 6010C ² | SW846 3050B ⁵ |
| Copper | 11.2 | 2.6 | mg/kg | 1 | 01/20/14 | 01/20/14 KK | SW846 6010C ² | SW846 3050B ⁵ |
| Iron | 12000 | 52 | mg/kg | 1 | 01/20/14 | 01/20/14 KK | SW846 6010C ² | SW846 3050B ⁵ |
| Lead | 4.2 | 2.1 | mg/kg | 1 | 01/20/14 | 01/20/14 KK | SW846 6010C ² | SW846 3050B ⁵ |
| Magnesium | 2180 | 520 | mg/kg | 1 | 01/20/14 | 01/20/14 KK | SW846 6010C ² | SW846 3050B ⁵ |
| Manganese | 342 | 1.6 | mg/kg | 1 | 01/20/14 | 01/20/14 KK | SW846 6010C ² | SW846 3050B ⁵ |
| Mercury | < 0.032 | 0.032 | mg/kg | 1 | 01/20/14 | 01/20/14 JW | SW846 7471B ¹ | SW846 7471B ⁴ |
| Nickel | 11.3 | 4.2 | mg/kg | 1 | 01/20/14 | 01/20/14 KK | SW846 6010C ² | SW846 3050B ⁵ |
| Potassium | 1360 | 1000 | mg/kg | 1 | 01/20/14 | 01/20/14 KK | SW846 6010C ² | SW846 3050B ⁵ |
| Selenium | < 2.1 | 2.1 | mg/kg | 1 | 01/20/14 | 01/20/14 KK | SW846 6010C ² | SW846 3050B ⁵ |
| Silver | 0.65 | 0.52 | mg/kg | 1 | 01/20/14 | 01/20/14 KK | SW846 6010C ² | SW846 3050B ⁵ |
| Sodium | < 1000 | 1000 | mg/kg | 1 | 01/20/14 | 01/20/14 KK | SW846 6010C ² | SW846 3050B ⁵ |
| Thallium | < 1.0 | 1.0 | mg/kg | 1 | 01/20/14 | 01/20/14 KK | SW846 6010C ² | SW846 3050B ⁵ |
| Vanadium | 18.5 | 5.2 | mg/kg | 1 | 01/20/14 | 01/20/14 KK | SW846 6010C ² | SW846 3050B ⁵ |
| Zinc | 18.9 | 2.1 | mg/kg | 1 | 01/20/14 | 01/22/14 KK | SW846 6010C ³ | SW846 3050B ⁵ |

- (1) Instrument QC Batch: MA33101
- (2) Instrument QC Batch: MA33104
- (3) Instrument QC Batch: MA33128
- (4) Prep QC Batch: MP77302
- (5) Prep QC Batch: MP77305

RL = Reporting Limit

Report of Analysis

| | |
|---|-------------------------|
| Client Sample ID: SB-10 (0-2) | Date Sampled: 01/20/14 |
| Lab Sample ID: JB58216-1 | Date Received: 01/20/14 |
| Matrix: SO - Soil | Percent Solids: 94.8 |
| Method: SW846 8260C SW846 5035 | |
| Project: Flushing Commons, Union Street, Flushing, NY | |

| Run #1 | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|-----------|----|----------|-----|----------------|------------|------------------|
| Run #2 | I191973.D | 1 | 01/23/14 | SJM | 01/21/14 06:00 | n/a | VI7755 |

| Run #1 | Initial Weight |
|--------|----------------|
| Run #2 | 4.7 g |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|-----------------------------|--------|-----|------|-------|---|
| 67-64-1 | Acetone | 8.5 | 11 | 5.1 | ug/kg | J |
| 71-43-2 | Benzene | ND | 1.1 | 0.14 | ug/kg | |
| 74-97-5 | Bromochloromethane | ND | 5.6 | 0.58 | ug/kg | |
| 75-27-4 | Bromodichloromethane | ND | 5.6 | 0.32 | ug/kg | |
| 75-25-2 | Bromoform | ND | 5.6 | 0.29 | ug/kg | |
| 74-83-9 | Bromomethane | ND | 5.6 | 0.54 | ug/kg | |
| 78-93-3 | 2-Butanone (MEK) | ND | 11 | 4.9 | ug/kg | |
| 75-15-0 | Carbon disulfide | ND | 5.6 | 0.16 | ug/kg | |
| 56-23-5 | Carbon tetrachloride | ND | 5.6 | 0.28 | ug/kg | |
| 108-90-7 | Chlorobenzene | ND | 5.6 | 0.22 | ug/kg | |
| 75-00-3 | Chloroethane | ND | 5.6 | 1.1 | ug/kg | |
| 67-66-3 | Chloroform | ND | 5.6 | 0.29 | ug/kg | |
| 74-87-3 | Chloromethane | ND | 5.6 | 0.38 | ug/kg | |
| 110-82-7 | Cyclohexane | ND | 5.6 | 0.29 | ug/kg | |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ND | 11 | 1.5 | ug/kg | |
| 124-48-1 | Dibromochloromethane | ND | 5.6 | 0.27 | ug/kg | |
| 106-93-4 | 1,2-Dibromoethane | ND | 1.1 | 0.61 | ug/kg | |
| 95-50-1 | 1,2-Dichlorobenzene | ND | 5.6 | 0.38 | ug/kg | |
| 541-73-1 | 1,3-Dichlorobenzene | ND | 5.6 | 0.24 | ug/kg | |
| 106-46-7 | 1,4-Dichlorobenzene | ND | 5.6 | 0.28 | ug/kg | |
| 75-71-8 | Dichlorodifluoromethane | ND | 5.6 | 0.40 | ug/kg | |
| 75-34-3 | 1,1-Dichloroethane | ND | 5.6 | 0.35 | ug/kg | |
| 107-06-2 | 1,2-Dichloroethane | ND | 1.1 | 0.36 | ug/kg | |
| 75-35-4 | 1,1-Dichloroethene | ND | 5.6 | 0.32 | ug/kg | |
| 156-59-2 | cis-1,2-Dichloroethene | ND | 5.6 | 0.23 | ug/kg | |
| 156-60-5 | trans-1,2-Dichloroethene | ND | 5.6 | 0.47 | ug/kg | |
| 78-87-5 | 1,2-Dichloropropane | ND | 5.6 | 0.49 | ug/kg | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 5.6 | 0.25 | ug/kg | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 5.6 | 0.30 | ug/kg | |
| 100-41-4 | Ethylbenzene | ND | 1.1 | 0.20 | ug/kg | |
| 76-13-1 | Freon 113 | ND | 5.6 | 0.49 | ug/kg | |
| 591-78-6 | 2-Hexanone | ND | 5.6 | 2.0 | ug/kg | |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | | | |
|-------------------|--|-----------------|----------|
| Client Sample ID: | SB-10 (0-2) | Date Sampled: | 01/20/14 |
| Lab Sample ID: | JB58216-1 | Date Received: | 01/20/14 |
| Matrix: | SO - Soil | Percent Solids: | 94.8 |
| Method: | SW846 8260C SW846 5035 | | |
| Project: | Flushing Commons, Union Street, Flushing, NY | | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|----------------------------|--------|-----|------|-------|---|
| 98-82-8 | Isopropylbenzene | ND | 5.6 | 0.16 | ug/kg | |
| 79-20-9 | Methyl Acetate | ND | 5.6 | 1.9 | ug/kg | |
| 108-87-2 | Methylcyclohexane | ND | 5.6 | 0.18 | ug/kg | |
| 1634-04-4 | Methyl Tert Butyl Ether | ND | 1.1 | 0.38 | ug/kg | |
| 108-10-1 | 4-Methyl-2-pentanone(MIBK) | ND | 5.6 | 1.5 | ug/kg | |
| 75-09-2 | Methylene chloride | ND | 5.6 | 1.9 | ug/kg | |
| 100-42-5 | Styrene | ND | 5.6 | 0.26 | ug/kg | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 5.6 | 0.38 | ug/kg | |
| 127-18-4 | Tetrachloroethene | ND | 5.6 | 0.46 | ug/kg | |
| 108-88-3 | Toluene | ND | 1.1 | 0.16 | ug/kg | |
| 87-61-6 | 1,2,3-Trichlorobenzene | ND | 5.6 | 0.23 | ug/kg | |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | 5.6 | 0.20 | ug/kg | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 5.6 | 0.32 | ug/kg | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 5.6 | 0.92 | ug/kg | |
| 79-01-6 | Trichloroethene | ND | 5.6 | 0.39 | ug/kg | |
| 75-69-4 | Trichlorofluoromethane | ND | 5.6 | 0.25 | ug/kg | |
| 75-01-4 | Vinyl chloride | ND | 5.6 | 0.38 | ug/kg | |
| | m,p-Xylene | ND | 1.1 | 0.54 | ug/kg | |
| 95-47-6 | o-Xylene | ND | 1.1 | 0.20 | ug/kg | |
| 1330-20-7 | Xylene (total) | ND | 1.1 | 0.20 | ug/kg | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|------------|-----------------------|--------|--------|---------|
| 1868-53-7 | Dibromofluoromethane | 101% | | 59-130% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 102% | | 65-123% |
| 2037-26-5 | Toluene-D8 | 93% | | 80-124% |
| 460-00-4 | 4-Bromofluorobenzene | 95% | | 71-132% |

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

| | |
|---|-------------------------|
| Client Sample ID: SB-10 (0-2) | Date Sampled: 01/20/14 |
| Lab Sample ID: JB58216-1 | Date Received: 01/20/14 |
| Matrix: SO - Soil | Percent Solids: 94.8 |
| Method: SW846 8270D SW846 3550C | |
| Project: Flushing Commons, Union Street, Flushing, NY | |

| Run #1 | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|-----------|----|----------|----|-----------|------------|------------------|
| Run #2 | 3P28711.D | 1 | 01/22/14 | CH | 01/21/14 | OP72149 | E3P1215 |

| Run #1 | Initial Weight | Final Volume |
|--------|----------------|--------------|
| Run #2 | 32.1 g | 1.0 ml |

ABN TCL List (SOM0 2.0)

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|----------------------------|--------|-----|-----|-------|---|
| 95-57-8 | 2-Chlorophenol | ND | 66 | 33 | ug/kg | |
| 59-50-7 | 4-Chloro-3-methyl phenol | ND | 160 | 33 | ug/kg | |
| 120-83-2 | 2,4-Dichlorophenol | ND | 160 | 53 | ug/kg | |
| 105-67-9 | 2,4-Dimethylphenol | ND | 160 | 55 | ug/kg | |
| 51-28-5 | 2,4-Dinitrophenol | ND | 660 | 40 | ug/kg | |
| 534-52-1 | 4,6-Dinitro-o-cresol | ND | 660 | 40 | ug/kg | |
| 95-48-7 | 2-Methylphenol | ND | 66 | 37 | ug/kg | |
| | 3&4-Methylphenol | ND | 66 | 42 | ug/kg | |
| 88-75-5 | 2-Nitrophenol | ND | 160 | 35 | ug/kg | |
| 100-02-7 | 4-Nitrophenol | ND | 330 | 56 | ug/kg | |
| 87-86-5 | Pentachlorophenol | ND | 330 | 56 | ug/kg | |
| 108-95-2 | Phenol | ND | 66 | 35 | ug/kg | |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | ND | 160 | 34 | ug/kg | |
| 95-95-4 | 2,4,5-Trichlorophenol | ND | 160 | 38 | ug/kg | |
| 88-06-2 | 2,4,6-Trichlorophenol | ND | 160 | 31 | ug/kg | |
| 83-32-9 | Acenaphthene | ND | 33 | 9.5 | ug/kg | |
| 208-96-8 | Acenaphthylene | ND | 33 | 11 | ug/kg | |
| 98-86-2 | Acetophenone | ND | 160 | 5.8 | ug/kg | |
| 120-12-7 | Anthracene | ND | 33 | 12 | ug/kg | |
| 1912-24-9 | Atrazine | ND | 66 | 6.5 | ug/kg | |
| 56-55-3 | Benzo(a)anthracene | ND | 33 | 11 | ug/kg | |
| 50-32-8 | Benzo(a)pyrene | ND | 33 | 10 | ug/kg | |
| 205-99-2 | Benzo(b)fluoranthene | ND | 33 | 11 | ug/kg | |
| 191-24-2 | Benzo(g,h,i)perylene | ND | 33 | 12 | ug/kg | |
| 207-08-9 | Benzo(k)fluoranthene | ND | 33 | 12 | ug/kg | |
| 101-55-3 | 4-Bromophenyl phenyl ether | ND | 66 | 12 | ug/kg | |
| 85-68-7 | Butyl benzyl phthalate | ND | 66 | 19 | ug/kg | |
| 92-52-4 | 1,1'-Biphenyl | ND | 66 | 3.8 | ug/kg | |
| 100-52-7 | Benzaldehyde | ND | 160 | 7.6 | ug/kg | |
| 91-58-7 | 2-Chloronaphthalene | ND | 66 | 10 | ug/kg | |
| 106-47-8 | 4-Chloroaniline | ND | 160 | 11 | ug/kg | |
| 86-74-8 | Carbazole | ND | 66 | 15 | ug/kg | |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | | | |
|-------------------|--|-----------------|----------|
| Client Sample ID: | SB-10 (0-2) | Date Sampled: | 01/20/14 |
| Lab Sample ID: | JB58216-1 | Date Received: | 01/20/14 |
| Matrix: | SO - Soil | Percent Solids: | 94.8 |
| Method: | SW846 8270D SW846 3550C | | |
| Project: | Flushing Commons, Union Street, Flushing, NY | | |

ABN TCL List (SOM0 2.0)

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|-----------------------------|--------|-----|-----|-------|---|
| 105-60-2 | Caprolactam | ND | 66 | 10 | ug/kg | |
| 218-01-9 | Chrysene | ND | 33 | 11 | ug/kg | |
| 111-91-1 | bis(2-Chloroethoxy)methane | ND | 66 | 13 | ug/kg | |
| 111-44-4 | bis(2-Chloroethyl)ether | ND | 66 | 9.9 | ug/kg | |
| 108-60-1 | bis(2-Chloroisopropyl)ether | ND | 66 | 9.8 | ug/kg | |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | ND | 66 | 9.9 | ug/kg | |
| 121-14-2 | 2,4-Dinitrotoluene | ND | 33 | 14 | ug/kg | |
| 606-20-2 | 2,6-Dinitrotoluene | ND | 33 | 13 | ug/kg | |
| 91-94-1 | 3,3'-Dichlorobenzidine | ND | 66 | 8.3 | ug/kg | |
| 123-91-1 | 1,4-Dioxane | ND | 33 | 21 | ug/kg | |
| 53-70-3 | Dibenzo(a,h)anthracene | ND | 33 | 11 | ug/kg | |
| 132-64-9 | Dibenzofuran | ND | 66 | 9.8 | ug/kg | |
| 84-74-2 | Di-n-butyl phthalate | ND | 66 | 7.3 | ug/kg | |
| 117-84-0 | Di-n-octyl phthalate | ND | 66 | 16 | ug/kg | |
| 84-66-2 | Diethyl phthalate | ND | 66 | 11 | ug/kg | |
| 131-11-3 | Dimethyl phthalate | ND | 66 | 12 | ug/kg | |
| 117-81-7 | bis(2-Ethylhexyl)phthalate | ND | 66 | 29 | ug/kg | |
| 206-44-0 | Fluoranthene | ND | 33 | 14 | ug/kg | |
| 86-73-7 | Fluorene | ND | 33 | 11 | ug/kg | |
| 118-74-1 | Hexachlorobenzene | ND | 66 | 11 | ug/kg | |
| 87-68-3 | Hexachlorobutadiene | ND | 33 | 9.1 | ug/kg | |
| 77-47-4 | Hexachlorocyclopentadiene | ND | 330 | 34 | ug/kg | |
| 67-72-1 | Hexachloroethane | ND | 160 | 9.1 | ug/kg | |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | ND | 33 | 11 | ug/kg | |
| 78-59-1 | Isophorone | ND | 66 | 8.8 | ug/kg | |
| 91-57-6 | 2-Methylnaphthalene | ND | 66 | 18 | ug/kg | |
| 88-74-4 | 2-Nitroaniline | ND | 160 | 14 | ug/kg | |
| 99-09-2 | 3-Nitroaniline | ND | 160 | 13 | ug/kg | |
| 100-01-6 | 4-Nitroaniline | ND | 160 | 13 | ug/kg | |
| 91-20-3 | Naphthalene | ND | 33 | 9.0 | ug/kg | |
| 98-95-3 | Nitrobenzene | ND | 66 | 9.5 | ug/kg | |
| 621-64-7 | N-Nitroso-di-n-propylamine | ND | 66 | 8.0 | ug/kg | |
| 86-30-6 | N-Nitrosodiphenylamine | ND | 160 | 20 | ug/kg | |
| 85-01-8 | Phenanthrene | ND | 33 | 15 | ug/kg | |
| 129-00-0 | Pyrene | ND | 33 | 13 | ug/kg | |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | ND | 160 | 10 | ug/kg | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|----------|----------------------|--------|--------|---------|
| 367-12-4 | 2-Fluorophenol | 58% | | 13-110% |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | |
|--|--------------------------------|
| Client Sample ID: SB-10 (0-2) | |
| Lab Sample ID: JB58216-1 | Date Sampled: 01/20/14 |
| Matrix: SO - Soil | Date Received: 01/20/14 |
| Method: SW846 8270D SW846 3550C | Percent Solids: 94.8 |
| Project: Flushing Commons, Union Street, Flushing, NY | |

ABN TCL List (SOM0 2.0)

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|-----------|----------------------|--------|--------|---------|
| 4165-62-2 | Phenol-d5 | 61% | | 15-110% |
| 118-79-6 | 2,4,6-Tribromophenol | 48% | | 20-123% |
| 4165-60-0 | Nitrobenzene-d5 | 56% | | 10-110% |
| 321-60-8 | 2-Fluorobiphenyl | 63% | | 17-110% |
| 1718-51-0 | Terphenyl-d14 | 79% | | 30-124% |

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

4.19
4

Report of Analysis

| | |
|---|-------------------------|
| Client Sample ID: SB-10 (0-2) | Date Sampled: 01/20/14 |
| Lab Sample ID: JB58216-1 | Date Received: 01/20/14 |
| Matrix: SO - Soil | Percent Solids: 94.8 |
| Method: SW846 8082A SW846 3546 | |
| Project: Flushing Commons, Union Street, Flushing, NY | |

| Run # | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|------------|----|----------|----|-----------|------------|------------------|
| Run #1 | XX144502.D | 1 | 01/23/14 | JR | 01/22/14 | OP72158 | GXX4872 |
| Run #2 | | | | | | | |

| Run # | Initial Weight | Final Volume |
|--------|----------------|--------------|
| Run #1 | 15.7 g | 1.0 ml |
| Run #2 | | |

PCB List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|--------------|--------|-----|------|-------|---|
| 12674-11-2 | Aroclor 1016 | ND | 3.4 | 0.87 | ug/kg | |
| 11104-28-2 | Aroclor 1221 | ND | 3.4 | 2.0 | ug/kg | |
| 11141-16-5 | Aroclor 1232 | ND | 3.4 | 1.7 | ug/kg | |
| 53469-21-9 | Aroclor 1242 | ND | 3.4 | 1.1 | ug/kg | |
| 12672-29-6 | Aroclor 1248 | ND | 3.4 | 1.0 | ug/kg | |
| 11097-69-1 | Aroclor 1254 | ND | 3.4 | 1.6 | ug/kg | |
| 11096-82-5 | Aroclor 1260 | ND | 3.4 | 1.1 | ug/kg | |
| 11100-14-4 | Aroclor 1268 | ND | 3.4 | 0.99 | ug/kg | |
| 37324-23-5 | Aroclor 1262 | ND | 3.4 | 1.1 | ug/kg | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|-----------|----------------------|--------|--------|---------|
| 877-09-8 | Tetrachloro-m-xylene | 74% | | 14-139% |
| 877-09-8 | Tetrachloro-m-xylene | 72% | | 14-139% |
| 2051-24-3 | Decachlorobiphenyl | 72% | | 10-155% |
| 2051-24-3 | Decachlorobiphenyl | 67% | | 10-155% |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | |
|---|-------------------------|
| Client Sample ID: SB-10 (0-2) | Date Sampled: 01/20/14 |
| Lab Sample ID: JB58216-1 | Date Received: 01/20/14 |
| Matrix: SO - Soil | Percent Solids: 94.8 |
| Project: Flushing Commons, Union Street, Flushing, NY | |

Metals Analysis

| Analyte | Result | RL | Units | DF | Prep | Analyzed By | Method | Prep Method |
|-----------|---------|-------|-------|----|----------|-------------|--------------------------|--------------------------|
| Aluminum | 9980 | 54 | mg/kg | 1 | 01/22/14 | 01/24/14 GT | SW846 6010C ² | SW846 3050B ⁴ |
| Antimony | < 2.2 | 2.2 | mg/kg | 1 | 01/22/14 | 01/24/14 GT | SW846 6010C ² | SW846 3050B ⁴ |
| Arsenic | 2.5 | 2.2 | mg/kg | 1 | 01/22/14 | 01/24/14 GT | SW846 6010C ² | SW846 3050B ⁴ |
| Barium | 64.7 | 22 | mg/kg | 1 | 01/22/14 | 01/24/14 GT | SW846 6010C ² | SW846 3050B ⁴ |
| Beryllium | 0.36 | 0.22 | mg/kg | 1 | 01/22/14 | 01/24/14 GT | SW846 6010C ² | SW846 3050B ⁴ |
| Cadmium | < 0.54 | 0.54 | mg/kg | 1 | 01/22/14 | 01/24/14 GT | SW846 6010C ² | SW846 3050B ⁴ |
| Calcium | 3940 | 540 | mg/kg | 1 | 01/22/14 | 01/24/14 GT | SW846 6010C ² | SW846 3050B ⁴ |
| Chromium | 54.2 | 1.1 | mg/kg | 1 | 01/22/14 | 01/24/14 GT | SW846 6010C ² | SW846 3050B ⁴ |
| Cobalt | 8.1 | 5.4 | mg/kg | 1 | 01/22/14 | 01/24/14 GT | SW846 6010C ² | SW846 3050B ⁴ |
| Copper | 29.2 | 2.7 | mg/kg | 1 | 01/22/14 | 01/24/14 GT | SW846 6010C ² | SW846 3050B ⁴ |
| Iron | 22300 | 54 | mg/kg | 1 | 01/22/14 | 01/24/14 GT | SW846 6010C ² | SW846 3050B ⁴ |
| Lead | 11.7 | 2.2 | mg/kg | 1 | 01/22/14 | 01/24/14 GT | SW846 6010C ² | SW846 3050B ⁴ |
| Magnesium | 4050 | 540 | mg/kg | 1 | 01/22/14 | 01/24/14 GT | SW846 6010C ² | SW846 3050B ⁴ |
| Manganese | 416 | 1.6 | mg/kg | 1 | 01/22/14 | 01/24/14 GT | SW846 6010C ² | SW846 3050B ⁴ |
| Mercury | < 0.032 | 0.032 | mg/kg | 1 | 01/21/14 | 01/21/14 JW | SW846 7471B ¹ | SW846 7471B ³ |
| Nickel | 24.0 | 4.3 | mg/kg | 1 | 01/22/14 | 01/24/14 GT | SW846 6010C ² | SW846 3050B ⁴ |
| Potassium | 1810 | 1100 | mg/kg | 1 | 01/22/14 | 01/24/14 GT | SW846 6010C ² | SW846 3050B ⁴ |
| Selenium | < 2.2 | 2.2 | mg/kg | 1 | 01/22/14 | 01/24/14 GT | SW846 6010C ² | SW846 3050B ⁴ |
| Silver | < 0.54 | 0.54 | mg/kg | 1 | 01/22/14 | 01/24/14 GT | SW846 6010C ² | SW846 3050B ⁴ |
| Sodium | < 1100 | 1100 | mg/kg | 1 | 01/22/14 | 01/24/14 GT | SW846 6010C ² | SW846 3050B ⁴ |
| Thallium | < 1.1 | 1.1 | mg/kg | 1 | 01/22/14 | 01/24/14 GT | SW846 6010C ² | SW846 3050B ⁴ |
| Vanadium | 39.4 | 5.4 | mg/kg | 1 | 01/22/14 | 01/24/14 GT | SW846 6010C ² | SW846 3050B ⁴ |
| Zinc | 37.7 | 2.2 | mg/kg | 1 | 01/22/14 | 01/24/14 GT | SW846 6010C ² | SW846 3050B ⁴ |

(1) Instrument QC Batch: MA33112

(2) Instrument QC Batch: MA33147

(3) Prep QC Batch: MP77343

(4) Prep QC Batch: MP77348

RL = Reporting Limit

Report of Analysis

| | |
|---|-------------------------|
| Client Sample ID: SB-10 (28-30) | Date Sampled: 01/20/14 |
| Lab Sample ID: JB58216-2 | Date Received: 01/20/14 |
| Matrix: SO - Soil | Percent Solids: 95.8 |
| Method: SW846 8260C SW846 5035 | |
| Project: Flushing Commons, Union Street, Flushing, NY | |

| Run #1 | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|-----------|----|----------|-----|----------------|------------|------------------|
| Run #2 | I191974.D | 1 | 01/23/14 | SJM | 01/21/14 06:00 | n/a | VI7755 |

| Run #1 | Initial Weight |
|--------|----------------|
| Run #2 | 5.3 g |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|-----------------------------|--------|------|------|-------|---|
| 67-64-1 | Acetone | ND | 9.8 | 4.5 | ug/kg | |
| 71-43-2 | Benzene | ND | 0.98 | 0.12 | ug/kg | |
| 74-97-5 | Bromochloromethane | ND | 4.9 | 0.51 | ug/kg | |
| 75-27-4 | Bromodichloromethane | ND | 4.9 | 0.28 | ug/kg | |
| 75-25-2 | Bromoform | ND | 4.9 | 0.26 | ug/kg | |
| 74-83-9 | Bromomethane | ND | 4.9 | 0.47 | ug/kg | |
| 78-93-3 | 2-Butanone (MEK) | ND | 9.8 | 4.3 | ug/kg | |
| 75-15-0 | Carbon disulfide | ND | 4.9 | 0.14 | ug/kg | |
| 56-23-5 | Carbon tetrachloride | ND | 4.9 | 0.25 | ug/kg | |
| 108-90-7 | Chlorobenzene | ND | 4.9 | 0.19 | ug/kg | |
| 75-00-3 | Chloroethane | ND | 4.9 | 0.98 | ug/kg | |
| 67-66-3 | Chloroform | ND | 4.9 | 0.25 | ug/kg | |
| 74-87-3 | Chloromethane | ND | 4.9 | 0.34 | ug/kg | |
| 110-82-7 | Cyclohexane | ND | 4.9 | 0.25 | ug/kg | |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ND | 9.8 | 1.3 | ug/kg | |
| 124-48-1 | Dibromochloromethane | ND | 4.9 | 0.24 | ug/kg | |
| 106-93-4 | 1,2-Dibromoethane | ND | 0.98 | 0.54 | ug/kg | |
| 95-50-1 | 1,2-Dichlorobenzene | ND | 4.9 | 0.33 | ug/kg | |
| 541-73-1 | 1,3-Dichlorobenzene | ND | 4.9 | 0.21 | ug/kg | |
| 106-46-7 | 1,4-Dichlorobenzene | ND | 4.9 | 0.25 | ug/kg | |
| 75-71-8 | Dichlorodifluoromethane | ND | 4.9 | 0.35 | ug/kg | |
| 75-34-3 | 1,1-Dichloroethane | ND | 4.9 | 0.31 | ug/kg | |
| 107-06-2 | 1,2-Dichloroethane | ND | 0.98 | 0.32 | ug/kg | |
| 75-35-4 | 1,1-Dichloroethene | ND | 4.9 | 0.28 | ug/kg | |
| 156-59-2 | cis-1,2-Dichloroethene | ND | 4.9 | 0.20 | ug/kg | |
| 156-60-5 | trans-1,2-Dichloroethene | ND | 4.9 | 0.42 | ug/kg | |
| 78-87-5 | 1,2-Dichloropropane | ND | 4.9 | 0.43 | ug/kg | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 4.9 | 0.22 | ug/kg | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 4.9 | 0.27 | ug/kg | |
| 100-41-4 | Ethylbenzene | ND | 0.98 | 0.17 | ug/kg | |
| 76-13-1 | Freon 113 | ND | 4.9 | 0.43 | ug/kg | |
| 591-78-6 | 2-Hexanone | ND | 4.9 | 1.8 | ug/kg | |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | | | |
|-------------------|--|-----------------|----------|
| Client Sample ID: | SB-10 (28-30) | Date Sampled: | 01/20/14 |
| Lab Sample ID: | JB58216-2 | Date Received: | 01/20/14 |
| Matrix: | SO - Soil | Percent Solids: | 95.8 |
| Method: | SW846 8260C SW846 5035 | | |
| Project: | Flushing Commons, Union Street, Flushing, NY | | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|----------------------------|--------|------|------|-------|---|
| 98-82-8 | Isopropylbenzene | ND | 4.9 | 0.14 | ug/kg | |
| 79-20-9 | Methyl Acetate | ND | 4.9 | 1.6 | ug/kg | |
| 108-87-2 | Methylcyclohexane | ND | 4.9 | 0.16 | ug/kg | |
| 1634-04-4 | Methyl Tert Butyl Ether | ND | 0.98 | 0.34 | ug/kg | |
| 108-10-1 | 4-Methyl-2-pentanone(MIBK) | ND | 4.9 | 1.3 | ug/kg | |
| 75-09-2 | Methylene chloride | ND | 4.9 | 1.7 | ug/kg | |
| 100-42-5 | Styrene | ND | 4.9 | 0.23 | ug/kg | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 4.9 | 0.34 | ug/kg | |
| 127-18-4 | Tetrachloroethene | ND | 4.9 | 0.40 | ug/kg | |
| 108-88-3 | Toluene | ND | 0.98 | 0.14 | ug/kg | |
| 87-61-6 | 1,2,3-Trichlorobenzene | ND | 4.9 | 0.20 | ug/kg | |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | 4.9 | 0.18 | ug/kg | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 4.9 | 0.28 | ug/kg | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 4.9 | 0.81 | ug/kg | |
| 79-01-6 | Trichloroethene | ND | 4.9 | 0.34 | ug/kg | |
| 75-69-4 | Trichlorofluoromethane | ND | 4.9 | 0.22 | ug/kg | |
| 75-01-4 | Vinyl chloride | ND | 4.9 | 0.34 | ug/kg | |
| | m,p-Xylene | ND | 0.98 | 0.48 | ug/kg | |
| 95-47-6 | o-Xylene | ND | 0.98 | 0.18 | ug/kg | |
| 1330-20-7 | Xylene (total) | ND | 0.98 | 0.18 | ug/kg | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|------------|-----------------------|--------|--------|---------|
| 1868-53-7 | Dibromofluoromethane | 103% | | 59-130% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 103% | | 65-123% |
| 2037-26-5 | Toluene-D8 | 92% | | 80-124% |
| 460-00-4 | 4-Bromofluorobenzene | 96% | | 71-132% |

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

| | | | |
|-------------------|--|-----------------|----------|
| Client Sample ID: | SB-10 (28-30) | Date Sampled: | 01/20/14 |
| Lab Sample ID: | JB58216-2 | Date Received: | 01/20/14 |
| Matrix: | SO - Soil | Percent Solids: | 95.8 |
| Method: | SW846 8270D SW846 3550C | | |
| Project: | Flushing Commons, Union Street, Flushing, NY | | |

| Run #1 | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|-----------|----|----------|----|-----------|------------|------------------|
| Run #2 | 3P28712.D | 1 | 01/22/14 | CH | 01/21/14 | OP72149 | E3P1215 |

| Run #1 | Initial Weight | Final Volume |
|--------|----------------|--------------|
| Run #2 | 30.0 g | 1.0 ml |

ABN TCL List (SOM0 2.0)

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|----------------------------|--------|-----|-----|-------|---|
| 95-57-8 | 2-Chlorophenol | ND | 70 | 35 | ug/kg | |
| 59-50-7 | 4-Chloro-3-methyl phenol | ND | 170 | 35 | ug/kg | |
| 120-83-2 | 2,4-Dichlorophenol | ND | 170 | 56 | ug/kg | |
| 105-67-9 | 2,4-Dimethylphenol | ND | 170 | 58 | ug/kg | |
| 51-28-5 | 2,4-Dinitrophenol | ND | 700 | 42 | ug/kg | |
| 534-52-1 | 4,6-Dinitro-o-cresol | ND | 700 | 42 | ug/kg | |
| 95-48-7 | 2-Methylphenol | ND | 70 | 40 | ug/kg | |
| | 3&4-Methylphenol | ND | 70 | 44 | ug/kg | |
| 88-75-5 | 2-Nitrophenol | ND | 170 | 37 | ug/kg | |
| 100-02-7 | 4-Nitrophenol | ND | 350 | 59 | ug/kg | |
| 87-86-5 | Pentachlorophenol | ND | 350 | 59 | ug/kg | |
| 108-95-2 | Phenol | ND | 70 | 37 | ug/kg | |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | ND | 170 | 36 | ug/kg | |
| 95-95-4 | 2,4,5-Trichlorophenol | ND | 170 | 40 | ug/kg | |
| 88-06-2 | 2,4,6-Trichlorophenol | ND | 170 | 33 | ug/kg | |
| 83-32-9 | Acenaphthene | ND | 35 | 10 | ug/kg | |
| 208-96-8 | Acenaphthylene | ND | 35 | 11 | ug/kg | |
| 98-86-2 | Acetophenone | ND | 170 | 6.1 | ug/kg | |
| 120-12-7 | Anthracene | ND | 35 | 12 | ug/kg | |
| 1912-24-9 | Atrazine | ND | 70 | 6.9 | ug/kg | |
| 56-55-3 | Benzo(a)anthracene | ND | 35 | 11 | ug/kg | |
| 50-32-8 | Benzo(a)pyrene | ND | 35 | 11 | ug/kg | |
| 205-99-2 | Benzo(b)fluoranthene | ND | 35 | 12 | ug/kg | |
| 191-24-2 | Benzo(g,h,i)perylene | ND | 35 | 13 | ug/kg | |
| 207-08-9 | Benzo(k)fluoranthene | ND | 35 | 13 | ug/kg | |
| 101-55-3 | 4-Bromophenyl phenyl ether | ND | 70 | 13 | ug/kg | |
| 85-68-7 | Butyl benzyl phthalate | ND | 70 | 20 | ug/kg | |
| 92-52-4 | 1,1'-Biphenyl | ND | 70 | 4.0 | ug/kg | |
| 100-52-7 | Benzaldehyde | ND | 170 | 8.0 | ug/kg | |
| 91-58-7 | 2-Chloronaphthalene | ND | 70 | 11 | ug/kg | |
| 106-47-8 | 4-Chloroaniline | ND | 170 | 11 | ug/kg | |
| 86-74-8 | Carbazole | ND | 70 | 16 | ug/kg | |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | | | |
|-------------------|--|-----------------|----------|
| Client Sample ID: | SB-10 (28-30) | Date Sampled: | 01/20/14 |
| Lab Sample ID: | JB58216-2 | Date Received: | 01/20/14 |
| Matrix: | SO - Soil | Percent Solids: | 95.8 |
| Method: | SW846 8270D SW846 3550C | | |
| Project: | Flushing Commons, Union Street, Flushing, NY | | |

ABN TCL List (SOM0 2.0)

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|-----------------------------|--------|-----|-----|-------|---|
| 105-60-2 | Caprolactam | ND | 70 | 11 | ug/kg | |
| 218-01-9 | Chrysene | ND | 35 | 12 | ug/kg | |
| 111-91-1 | bis(2-Chloroethoxy)methane | ND | 70 | 14 | ug/kg | |
| 111-44-4 | bis(2-Chloroethyl)ether | ND | 70 | 10 | ug/kg | |
| 108-60-1 | bis(2-Chloroisopropyl)ether | ND | 70 | 10 | ug/kg | |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | ND | 70 | 10 | ug/kg | |
| 121-14-2 | 2,4-Dinitrotoluene | ND | 35 | 15 | ug/kg | |
| 606-20-2 | 2,6-Dinitrotoluene | ND | 35 | 13 | ug/kg | |
| 91-94-1 | 3,3'-Dichlorobenzidine | ND | 70 | 8.8 | ug/kg | |
| 123-91-1 | 1,4-Dioxane | ND | 35 | 23 | ug/kg | |
| 53-70-3 | Dibenzo(a,h)anthracene | ND | 35 | 12 | ug/kg | |
| 132-64-9 | Dibenzofuran | ND | 70 | 10 | ug/kg | |
| 84-74-2 | Di-n-butyl phthalate | ND | 70 | 7.7 | ug/kg | |
| 117-84-0 | Di-n-octyl phthalate | ND | 70 | 17 | ug/kg | |
| 84-66-2 | Diethyl phthalate | ND | 70 | 12 | ug/kg | |
| 131-11-3 | Dimethyl phthalate | ND | 70 | 12 | ug/kg | |
| 117-81-7 | bis(2-Ethylhexyl)phthalate | ND | 70 | 31 | ug/kg | |
| 206-44-0 | Fluoranthene | ND | 35 | 15 | ug/kg | |
| 86-73-7 | Fluorene | ND | 35 | 11 | ug/kg | |
| 118-74-1 | Hexachlorobenzene | ND | 70 | 11 | ug/kg | |
| 87-68-3 | Hexachlorobutadiene | ND | 35 | 9.7 | ug/kg | |
| 77-47-4 | Hexachlorocyclopentadiene | ND | 350 | 35 | ug/kg | |
| 67-72-1 | Hexachloroethane | ND | 170 | 9.7 | ug/kg | |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | ND | 35 | 12 | ug/kg | |
| 78-59-1 | Isophorone | ND | 70 | 9.4 | ug/kg | |
| 91-57-6 | 2-Methylnaphthalene | ND | 70 | 19 | ug/kg | |
| 88-74-4 | 2-Nitroaniline | ND | 170 | 15 | ug/kg | |
| 99-09-2 | 3-Nitroaniline | ND | 170 | 14 | ug/kg | |
| 100-01-6 | 4-Nitroaniline | ND | 170 | 14 | ug/kg | |
| 91-20-3 | Naphthalene | ND | 35 | 9.5 | ug/kg | |
| 98-95-3 | Nitrobenzene | ND | 70 | 10 | ug/kg | |
| 621-64-7 | N-Nitroso-di-n-propylamine | ND | 70 | 8.5 | ug/kg | |
| 86-30-6 | N-Nitrosodiphenylamine | ND | 170 | 21 | ug/kg | |
| 85-01-8 | Phenanthrene | ND | 35 | 16 | ug/kg | |
| 129-00-0 | Pyrene | ND | 35 | 13 | ug/kg | |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | ND | 170 | 11 | ug/kg | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|----------|----------------------|--------|--------|---------|
| 367-12-4 | 2-Fluorophenol | 74% | | 13-110% |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | |
|---|--|
| Client Sample ID: SB-10 (28-30) Lab Sample ID: JB58216-2 Matrix: SO - Soil Method: SW846 8270D SW846 3550C Project: Flushing Commons, Union Street, Flushing, NY | Date Sampled: 01/20/14 Date Received: 01/20/14 Percent Solids: 95.8 |
|---|--|

ABN TCL List (SOM0 2.0)

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|-----------|----------------------|--------|--------|---------|
| 4165-62-2 | Phenol-d5 | 76% | | 15-110% |
| 118-79-6 | 2,4,6-Tribromophenol | 66% | | 20-123% |
| 4165-60-0 | Nitrobenzene-d5 | 72% | | 10-110% |
| 321-60-8 | 2-Fluorobiphenyl | 76% | | 17-110% |
| 1718-51-0 | Terphenyl-d14 | 93% | | 30-124% |

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

4.20
4

Report of Analysis

| | |
|---|-------------------------|
| Client Sample ID: SB-10 (28-30) | Date Sampled: 01/20/14 |
| Lab Sample ID: JB58216-2 | Date Received: 01/20/14 |
| Matrix: SO - Soil | Percent Solids: 95.8 |
| Method: SW846 8081B SW846 3546 | |
| Project: Flushing Commons, Union Street, Flushing, NY | |

| Run # | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|-----------|----|----------|----|-----------|------------|------------------|
| Run #1 | 1G98767.D | 1 | 01/23/14 | JN | 01/22/14 | OP72159 | G1G3238 |
| Run #2 | | | | | | | |

| Run # | Initial Weight | Final Volume |
|--------|----------------|--------------|
| Run #1 | 15.6 g | 1.0 ml |
| Run #2 | | |

Pesticide TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|---------------------|--------|-------|-------|-------|---|
| 309-00-2 | Aldrin | ND | 0.067 | 0.031 | ug/kg | |
| 319-84-6 | alpha-BHC | ND | 0.067 | 0.020 | ug/kg | |
| 319-85-7 | beta-BHC | ND | 0.067 | 0.042 | ug/kg | |
| 319-86-8 | delta-BHC | ND | 0.067 | 0.033 | ug/kg | |
| 58-89-9 | gamma-BHC (Lindane) | ND | 0.067 | 0.033 | ug/kg | |
| 5103-71-9 | alpha-Chlordane | ND | 0.067 | 0.025 | ug/kg | |
| 5103-74-2 | gamma-Chlordane | ND | 0.067 | 0.046 | ug/kg | |
| 60-57-1 | Dieldrin | ND | 0.067 | 0.026 | ug/kg | |
| 72-54-8 | 4,4'-DDD | ND | 0.067 | 0.037 | ug/kg | |
| 72-55-9 | 4,4'-DDE | ND | 0.067 | 0.027 | ug/kg | |
| 50-29-3 | 4,4'-DDT | ND | 0.067 | 0.033 | ug/kg | |
| 72-20-8 | Endrin | ND | 0.067 | 0.022 | ug/kg | |
| 1031-07-8 | Endosulfan sulfate | ND | 0.067 | 0.029 | ug/kg | |
| 7421-93-4 | Endrin aldehyde | ND | 0.067 | 0.035 | ug/kg | |
| 959-98-8 | Endosulfan-I | ND | 0.067 | 0.025 | ug/kg | |
| 33213-65-9 | Endosulfan-II | ND | 0.067 | 0.040 | ug/kg | |
| 76-44-8 | Heptachlor | ND | 0.067 | 0.033 | ug/kg | |
| 1024-57-3 | Heptachlor epoxide | ND | 0.067 | 0.025 | ug/kg | |
| 72-43-5 | Methoxychlor | ND | 0.13 | 0.066 | ug/kg | |
| 53494-70-5 | Endrin ketone | ND | 0.067 | 0.027 | ug/kg | |
| 8001-35-2 | Toxaphene | ND | 1.7 | 0.84 | ug/kg | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|-----------|----------------------|--------|--------|---------|
| 877-09-8 | Tetrachloro-m-xylene | 68% | | 10-147% |
| 877-09-8 | Tetrachloro-m-xylene | 54% | | 10-147% |
| 2051-24-3 | Decachlorobiphenyl | 61% | | 10-154% |
| 2051-24-3 | Decachlorobiphenyl | 53% | | 10-154% |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | |
|--|--|
| Client Sample ID: SB-10 (28-30) Lab Sample ID: JB58216-2 Matrix: SO - Soil Method: SW846 8082A SW846 3546 Project: Flushing Commons, Union Street, Flushing, NY | Date Sampled: 01/20/14 Date Received: 01/20/14 Percent Solids: 95.8 |
|--|--|

| Run # | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|------------|----|----------|----|-----------|------------|------------------|
| Run #1 | XX144504.D | 1 | 01/23/14 | JR | 01/22/14 | OP72158 | GXX4872 |
| Run #2 | | | | | | | |

| Run # | Initial Weight | Final Volume |
|--------|----------------|--------------|
| Run #1 | 16.6 g | 1.0 ml |
| Run #2 | | |

PCB List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|--------------|--------|-----|------|-------|---|
| 12674-11-2 | Aroclor 1016 | ND | 3.1 | 0.82 | ug/kg | |
| 11104-28-2 | Aroclor 1221 | ND | 3.1 | 1.9 | ug/kg | |
| 11141-16-5 | Aroclor 1232 | ND | 3.1 | 1.6 | ug/kg | |
| 53469-21-9 | Aroclor 1242 | ND | 3.1 | 1.0 | ug/kg | |
| 12672-29-6 | Aroclor 1248 | ND | 3.1 | 0.96 | ug/kg | |
| 11097-69-1 | Aroclor 1254 | ND | 3.1 | 1.5 | ug/kg | |
| 11096-82-5 | Aroclor 1260 | ND | 3.1 | 1.0 | ug/kg | |
| 11100-14-4 | Aroclor 1268 | ND | 3.1 | 0.92 | ug/kg | |
| 37324-23-5 | Aroclor 1262 | ND | 3.1 | 1.0 | ug/kg | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|-----------|----------------------|--------|--------|---------|
| 877-09-8 | Tetrachloro-m-xylene | 68% | | 14-139% |
| 877-09-8 | Tetrachloro-m-xylene | 67% | | 14-139% |
| 2051-24-3 | Decachlorobiphenyl | 65% | | 10-155% |
| 2051-24-3 | Decachlorobiphenyl | 62% | | 10-155% |

ND = Not detected MDL - Method Detection Limit J = Indicates an estimated value
 RL = Reporting Limit B = Indicates analyte found in associated method blank
 E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

4.20
4

Report of Analysis

| | |
|---|-------------------------|
| Client Sample ID: SB-10 (28-30) | Date Sampled: 01/20/14 |
| Lab Sample ID: JB58216-2 | Date Received: 01/20/14 |
| Matrix: SO - Soil | Percent Solids: 95.8 |
| Project: Flushing Commons, Union Street, Flushing, NY | |

Metals Analysis

| Analyte | Result | RL | Units | DF | Prep | Analyzed By | Method | Prep Method |
|-----------|---------|-------|-------|----|----------|-------------|--------------------------|--------------------------|
| Aluminum | 8920 | 53 | mg/kg | 1 | 01/22/14 | 01/27/14 GT | SW846 6010C ³ | SW846 3050B ⁵ |
| Antimony | 2.4 | 2.1 | mg/kg | 1 | 01/22/14 | 01/24/14 GT | SW846 6010C ² | SW846 3050B ⁵ |
| Arsenic | 3.1 | 2.1 | mg/kg | 1 | 01/22/14 | 01/24/14 GT | SW846 6010C ² | SW846 3050B ⁵ |
| Barium | 105 | 21 | mg/kg | 1 | 01/22/14 | 01/27/14 GT | SW846 6010C ³ | SW846 3050B ⁵ |
| Beryllium | 1.5 | 0.21 | mg/kg | 1 | 01/22/14 | 01/27/14 GT | SW846 6010C ³ | SW846 3050B ⁵ |
| Cadmium | < 0.53 | 0.53 | mg/kg | 1 | 01/22/14 | 01/24/14 GT | SW846 6010C ² | SW846 3050B ⁵ |
| Calcium | 1710 | 530 | mg/kg | 1 | 01/22/14 | 01/24/14 GT | SW846 6010C ² | SW846 3050B ⁵ |
| Chromium | 22.3 | 1.1 | mg/kg | 1 | 01/22/14 | 01/24/14 GT | SW846 6010C ² | SW846 3050B ⁵ |
| Cobalt | 14.4 | 5.3 | mg/kg | 1 | 01/22/14 | 01/24/14 GT | SW846 6010C ² | SW846 3050B ⁵ |
| Copper | 22.6 | 2.6 | mg/kg | 1 | 01/22/14 | 01/24/14 GT | SW846 6010C ² | SW846 3050B ⁵ |
| Iron | 59300 | 110 | mg/kg | 2 | 01/22/14 | 01/27/14 GT | SW846 6010C ³ | SW846 3050B ⁵ |
| Lead | 5.3 | 2.1 | mg/kg | 1 | 01/22/14 | 01/24/14 GT | SW846 6010C ² | SW846 3050B ⁵ |
| Magnesium | 3160 | 530 | mg/kg | 1 | 01/22/14 | 01/27/14 GT | SW846 6010C ³ | SW846 3050B ⁵ |
| Manganese | 750 | 1.6 | mg/kg | 1 | 01/22/14 | 01/24/14 GT | SW846 6010C ² | SW846 3050B ⁵ |
| Mercury | < 0.032 | 0.032 | mg/kg | 1 | 01/21/14 | 01/21/14 JW | SW846 7471B ¹ | SW846 7471B ⁴ |
| Nickel | 29.9 | 4.2 | mg/kg | 1 | 01/22/14 | 01/24/14 GT | SW846 6010C ² | SW846 3050B ⁵ |
| Potassium | 1590 | 1100 | mg/kg | 1 | 01/22/14 | 01/24/14 GT | SW846 6010C ² | SW846 3050B ⁵ |
| Selenium | < 2.1 | 2.1 | mg/kg | 1 | 01/22/14 | 01/24/14 GT | SW846 6010C ² | SW846 3050B ⁵ |
| Silver | < 0.53 | 0.53 | mg/kg | 1 | 01/22/14 | 01/24/14 GT | SW846 6010C ² | SW846 3050B ⁵ |
| Sodium | < 1100 | 1100 | mg/kg | 1 | 01/22/14 | 01/24/14 GT | SW846 6010C ² | SW846 3050B ⁵ |
| Thallium | < 1.1 | 1.1 | mg/kg | 1 | 01/22/14 | 01/24/14 GT | SW846 6010C ² | SW846 3050B ⁵ |
| Vanadium | 46.6 | 5.3 | mg/kg | 1 | 01/22/14 | 01/24/14 GT | SW846 6010C ² | SW846 3050B ⁵ |
| Zinc | 80.5 | 2.1 | mg/kg | 1 | 01/22/14 | 01/24/14 GT | SW846 6010C ² | SW846 3050B ⁵ |

- (1) Instrument QC Batch: MA33112
- (2) Instrument QC Batch: MA33147
- (3) Instrument QC Batch: MA33158
- (4) Prep QC Batch: MP77343
- (5) Prep QC Batch: MP77348

RL = Reporting Limit

Report of Analysis

| | |
|---|-------------------------|
| Client Sample ID: SB-6 (0-2) | Date Sampled: 01/20/14 |
| Lab Sample ID: JB58216-3 | Date Received: 01/20/14 |
| Matrix: SO - Soil | Percent Solids: 96.7 |
| Method: SW846 8260C SW846 5035 | |
| Project: Flushing Commons, Union Street, Flushing, NY | |

| Run #1 | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|-----------|----|----------|-----|----------------|------------|------------------|
| Run #2 | I191975.D | 1 | 01/23/14 | SJM | 01/21/14 06:00 | n/a | VI7755 |

| Run #1 | Initial Weight |
|--------|----------------|
| Run #2 | 4.9 g |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|-----------------------------|--------|-----|------|-------|---|
| 67-64-1 | Acetone | ND | 11 | 4.8 | ug/kg | |
| 71-43-2 | Benzene | ND | 1.1 | 0.13 | ug/kg | |
| 74-97-5 | Bromochloromethane | ND | 5.3 | 0.55 | ug/kg | |
| 75-27-4 | Bromodichloromethane | ND | 5.3 | 0.30 | ug/kg | |
| 75-25-2 | Bromoform | ND | 5.3 | 0.28 | ug/kg | |
| 74-83-9 | Bromomethane | ND | 5.3 | 0.51 | ug/kg | |
| 78-93-3 | 2-Butanone (MEK) | ND | 11 | 4.6 | ug/kg | |
| 75-15-0 | Carbon disulfide | ND | 5.3 | 0.15 | ug/kg | |
| 56-23-5 | Carbon tetrachloride | ND | 5.3 | 0.26 | ug/kg | |
| 108-90-7 | Chlorobenzene | ND | 5.3 | 0.21 | ug/kg | |
| 75-00-3 | Chloroethane | ND | 5.3 | 1.0 | ug/kg | |
| 67-66-3 | Chloroform | ND | 5.3 | 0.27 | ug/kg | |
| 74-87-3 | Chloromethane | ND | 5.3 | 0.36 | ug/kg | |
| 110-82-7 | Cyclohexane | ND | 5.3 | 0.27 | ug/kg | |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ND | 11 | 1.4 | ug/kg | |
| 124-48-1 | Dibromochloromethane | ND | 5.3 | 0.26 | ug/kg | |
| 106-93-4 | 1,2-Dibromoethane | ND | 1.1 | 0.58 | ug/kg | |
| 95-50-1 | 1,2-Dichlorobenzene | ND | 5.3 | 0.36 | ug/kg | |
| 541-73-1 | 1,3-Dichlorobenzene | ND | 5.3 | 0.23 | ug/kg | |
| 106-46-7 | 1,4-Dichlorobenzene | ND | 5.3 | 0.26 | ug/kg | |
| 75-71-8 | Dichlorodifluoromethane | ND | 5.3 | 0.37 | ug/kg | |
| 75-34-3 | 1,1-Dichloroethane | ND | 5.3 | 0.33 | ug/kg | |
| 107-06-2 | 1,2-Dichloroethane | ND | 1.1 | 0.34 | ug/kg | |
| 75-35-4 | 1,1-Dichloroethene | ND | 5.3 | 0.30 | ug/kg | |
| 156-59-2 | cis-1,2-Dichloroethene | ND | 5.3 | 0.22 | ug/kg | |
| 156-60-5 | trans-1,2-Dichloroethene | ND | 5.3 | 0.45 | ug/kg | |
| 78-87-5 | 1,2-Dichloropropane | ND | 5.3 | 0.46 | ug/kg | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 5.3 | 0.24 | ug/kg | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 5.3 | 0.28 | ug/kg | |
| 100-41-4 | Ethylbenzene | ND | 1.1 | 0.18 | ug/kg | |
| 76-13-1 | Freon 113 | ND | 5.3 | 0.46 | ug/kg | |
| 591-78-6 | 2-Hexanone | ND | 5.3 | 1.9 | ug/kg | |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | | | |
|-------------------|--|-----------------|----------|
| Client Sample ID: | SB-6 (0-2) | Date Sampled: | 01/20/14 |
| Lab Sample ID: | JB58216-3 | Date Received: | 01/20/14 |
| Matrix: | SO - Soil | Percent Solids: | 96.7 |
| Method: | SW846 8260C SW846 5035 | | |
| Project: | Flushing Commons, Union Street, Flushing, NY | | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|----------------------------|--------|-----|------|-------|---|
| 98-82-8 | Isopropylbenzene | ND | 5.3 | 0.16 | ug/kg | |
| 79-20-9 | Methyl Acetate | ND | 5.3 | 1.8 | ug/kg | |
| 108-87-2 | Methylcyclohexane | ND | 5.3 | 0.17 | ug/kg | |
| 1634-04-4 | Methyl Tert Butyl Ether | ND | 1.1 | 0.36 | ug/kg | |
| 108-10-1 | 4-Methyl-2-pentanone(MIBK) | ND | 5.3 | 1.4 | ug/kg | |
| 75-09-2 | Methylene chloride | ND | 5.3 | 1.8 | ug/kg | |
| 100-42-5 | Styrene | ND | 5.3 | 0.24 | ug/kg | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 5.3 | 0.36 | ug/kg | |
| 127-18-4 | Tetrachloroethene | ND | 5.3 | 0.43 | ug/kg | |
| 108-88-3 | Toluene | ND | 1.1 | 0.15 | ug/kg | |
| 87-61-6 | 1,2,3-Trichlorobenzene | ND | 5.3 | 0.22 | ug/kg | |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | 5.3 | 0.19 | ug/kg | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 5.3 | 0.30 | ug/kg | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 5.3 | 0.87 | ug/kg | |
| 79-01-6 | Trichloroethene | ND | 5.3 | 0.37 | ug/kg | |
| 75-69-4 | Trichlorofluoromethane | ND | 5.3 | 0.24 | ug/kg | |
| 75-01-4 | Vinyl chloride | ND | 5.3 | 0.36 | ug/kg | |
| | m,p-Xylene | ND | 1.1 | 0.51 | ug/kg | |
| 95-47-6 | o-Xylene | ND | 1.1 | 0.19 | ug/kg | |
| 1330-20-7 | Xylene (total) | ND | 1.1 | 0.19 | ug/kg | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|------------|-----------------------|--------|--------|---------|
| 1868-53-7 | Dibromofluoromethane | 100% | | 59-130% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 102% | | 65-123% |
| 2037-26-5 | Toluene-D8 | 93% | | 80-124% |
| 460-00-4 | 4-Bromofluorobenzene | 94% | | 71-132% |

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

| | |
|---|-------------------------|
| Client Sample ID: SB-6 (0-2) | Date Sampled: 01/20/14 |
| Lab Sample ID: JB58216-3 | Date Received: 01/20/14 |
| Matrix: SO - Soil | Percent Solids: 96.7 |
| Method: SW846 8270D SW846 3550C | |
| Project: Flushing Commons, Union Street, Flushing, NY | |

| Run #1 | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|-----------|----|----------|----|-----------|------------|------------------|
| Run #2 | 3P28713.D | 1 | 01/22/14 | CH | 01/21/14 | OP72149 | E3P1215 |

| Run #1 | Initial Weight | Final Volume |
|--------|----------------|--------------|
| Run #2 | 31.2 g | 1.0 ml |

ABN TCL List (SOM0 2.0)

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|----------------------------|--------|-----|-----|-------|---|
| 95-57-8 | 2-Chlorophenol | ND | 66 | 33 | ug/kg | |
| 59-50-7 | 4-Chloro-3-methyl phenol | ND | 170 | 33 | ug/kg | |
| 120-83-2 | 2,4-Dichlorophenol | ND | 170 | 53 | ug/kg | |
| 105-67-9 | 2,4-Dimethylphenol | ND | 170 | 56 | ug/kg | |
| 51-28-5 | 2,4-Dinitrophenol | ND | 660 | 40 | ug/kg | |
| 534-52-1 | 4,6-Dinitro-o-cresol | ND | 660 | 40 | ug/kg | |
| 95-48-7 | 2-Methylphenol | ND | 66 | 38 | ug/kg | |
| | 3&4-Methylphenol | ND | 66 | 42 | ug/kg | |
| 88-75-5 | 2-Nitrophenol | ND | 170 | 35 | ug/kg | |
| 100-02-7 | 4-Nitrophenol | ND | 330 | 56 | ug/kg | |
| 87-86-5 | Pentachlorophenol | ND | 330 | 57 | ug/kg | |
| 108-95-2 | Phenol | ND | 66 | 35 | ug/kg | |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | ND | 170 | 34 | ug/kg | |
| 95-95-4 | 2,4,5-Trichlorophenol | ND | 170 | 38 | ug/kg | |
| 88-06-2 | 2,4,6-Trichlorophenol | ND | 170 | 31 | ug/kg | |
| 83-32-9 | Acenaphthene | ND | 33 | 9.6 | ug/kg | |
| 208-96-8 | Acenaphthylene | ND | 33 | 11 | ug/kg | |
| 98-86-2 | Acetophenone | ND | 170 | 5.8 | ug/kg | |
| 120-12-7 | Anthracene | ND | 33 | 12 | ug/kg | |
| 1912-24-9 | Atrazine | ND | 66 | 6.5 | ug/kg | |
| 56-55-3 | Benzo(a)anthracene | ND | 33 | 11 | ug/kg | |
| 50-32-8 | Benzo(a)pyrene | ND | 33 | 10 | ug/kg | |
| 205-99-2 | Benzo(b)fluoranthene | ND | 33 | 11 | ug/kg | |
| 191-24-2 | Benzo(g,h,i)perylene | ND | 33 | 12 | ug/kg | |
| 207-08-9 | Benzo(k)fluoranthene | ND | 33 | 12 | ug/kg | |
| 101-55-3 | 4-Bromophenyl phenyl ether | ND | 66 | 12 | ug/kg | |
| 85-68-7 | Butyl benzyl phthalate | ND | 66 | 19 | ug/kg | |
| 92-52-4 | 1,1'-Biphenyl | ND | 66 | 3.8 | ug/kg | |
| 100-52-7 | Benzaldehyde | ND | 170 | 7.6 | ug/kg | |
| 91-58-7 | 2-Chloronaphthalene | ND | 66 | 10 | ug/kg | |
| 106-47-8 | 4-Chloroaniline | ND | 170 | 11 | ug/kg | |
| 86-74-8 | Carbazole | ND | 66 | 15 | ug/kg | |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | | | |
|-------------------|--|-----------------|----------|
| Client Sample ID: | SB-6 (0-2) | Date Sampled: | 01/20/14 |
| Lab Sample ID: | JB58216-3 | Date Received: | 01/20/14 |
| Matrix: | SO - Soil | Percent Solids: | 96.7 |
| Method: | SW846 8270D SW846 3550C | | |
| Project: | Flushing Commons, Union Street, Flushing, NY | | |

ABN TCL List (SOM0 2.0)

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|-----------------------------|--------|-----|-----|-------|---|
| 105-60-2 | Caprolactam | ND | 66 | 10 | ug/kg | |
| 218-01-9 | Chrysene | ND | 33 | 11 | ug/kg | |
| 111-91-1 | bis(2-Chloroethoxy)methane | ND | 66 | 13 | ug/kg | |
| 111-44-4 | bis(2-Chloroethyl)ether | ND | 66 | 10 | ug/kg | |
| 108-60-1 | bis(2-Chloroisopropyl)ether | ND | 66 | 9.8 | ug/kg | |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | ND | 66 | 10 | ug/kg | |
| 121-14-2 | 2,4-Dinitrotoluene | ND | 33 | 14 | ug/kg | |
| 606-20-2 | 2,6-Dinitrotoluene | ND | 33 | 13 | ug/kg | |
| 91-94-1 | 3,3'-Dichlorobenzidine | ND | 66 | 8.4 | ug/kg | |
| 123-91-1 | 1,4-Dioxane | ND | 33 | 22 | ug/kg | |
| 53-70-3 | Dibenzo(a,h)anthracene | ND | 33 | 11 | ug/kg | |
| 132-64-9 | Dibenzofuran | ND | 66 | 9.8 | ug/kg | |
| 84-74-2 | Di-n-butyl phthalate | ND | 66 | 7.4 | ug/kg | |
| 117-84-0 | Di-n-octyl phthalate | ND | 66 | 16 | ug/kg | |
| 84-66-2 | Diethyl phthalate | ND | 66 | 11 | ug/kg | |
| 131-11-3 | Dimethyl phthalate | ND | 66 | 12 | ug/kg | |
| 117-81-7 | bis(2-Ethylhexyl)phthalate | ND | 66 | 29 | ug/kg | |
| 206-44-0 | Fluoranthene | ND | 33 | 15 | ug/kg | |
| 86-73-7 | Fluorene | ND | 33 | 11 | ug/kg | |
| 118-74-1 | Hexachlorobenzene | ND | 66 | 11 | ug/kg | |
| 87-68-3 | Hexachlorobutadiene | ND | 33 | 9.2 | ug/kg | |
| 77-47-4 | Hexachlorocyclopentadiene | ND | 330 | 34 | ug/kg | |
| 67-72-1 | Hexachloroethane | ND | 170 | 9.2 | ug/kg | |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | ND | 33 | 12 | ug/kg | |
| 78-59-1 | Isophorone | ND | 66 | 8.9 | ug/kg | |
| 91-57-6 | 2-Methylnaphthalene | ND | 66 | 18 | ug/kg | |
| 88-74-4 | 2-Nitroaniline | ND | 170 | 15 | ug/kg | |
| 99-09-2 | 3-Nitroaniline | ND | 170 | 13 | ug/kg | |
| 100-01-6 | 4-Nitroaniline | ND | 170 | 13 | ug/kg | |
| 91-20-3 | Naphthalene | ND | 33 | 9.0 | ug/kg | |
| 98-95-3 | Nitrobenzene | ND | 66 | 9.6 | ug/kg | |
| 621-64-7 | N-Nitroso-di-n-propylamine | ND | 66 | 8.1 | ug/kg | |
| 86-30-6 | N-Nitrosodiphenylamine | ND | 170 | 20 | ug/kg | |
| 85-01-8 | Phenanthrene | ND | 33 | 15 | ug/kg | |
| 129-00-0 | Pyrene | ND | 33 | 13 | ug/kg | |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | ND | 170 | 10 | ug/kg | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|----------|----------------------|--------|--------|---------|
| 367-12-4 | 2-Fluorophenol | 79% | | 13-110% |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | |
|--|--|
| Client Sample ID: SB-6 (0-2) Lab Sample ID: JB58216-3 Matrix: SO - Soil Method: SW846 8270D SW846 3550C Project: Flushing Commons, Union Street, Flushing, NY | Date Sampled: 01/20/14 Date Received: 01/20/14 Percent Solids: 96.7 |
|--|--|

ABN TCL List (SOM0 2.0)

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|-----------|----------------------|--------|--------|---------|
| 4165-62-2 | Phenol-d5 | 81% | | 15-110% |
| 118-79-6 | 2,4,6-Tribromophenol | 71% | | 20-123% |
| 4165-60-0 | Nitrobenzene-d5 | 75% | | 10-110% |
| 321-60-8 | 2-Fluorobiphenyl | 77% | | 17-110% |
| 1718-51-0 | Terphenyl-d14 | 91% | | 30-124% |

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

4.21
4

Report of Analysis

| | |
|---|-------------------------|
| Client Sample ID: SB-6 (0-2) | Date Sampled: 01/20/14 |
| Lab Sample ID: JB58216-3 | Date Received: 01/20/14 |
| Matrix: SO - Soil | Percent Solids: 96.7 |
| Method: SW846 8081B SW846 3546 | |
| Project: Flushing Commons, Union Street, Flushing, NY | |

| Run # | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|-----------|----|----------|----|-----------|------------|------------------|
| Run #1 | 1G98768.D | 1 | 01/23/14 | JN | 01/22/14 | OP72159 | G1G3238 |
| Run #2 | | | | | | | |

| Run # | Initial Weight | Final Volume |
|--------|----------------|--------------|
| Run #1 | 16.0 g | 1.0 ml |
| Run #2 | | |

Pesticide TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|---------------------|--------|-------|-------|-------|---|
| 309-00-2 | Aldrin | ND | 0.065 | 0.030 | ug/kg | |
| 319-84-6 | alpha-BHC | ND | 0.065 | 0.019 | ug/kg | |
| 319-85-7 | beta-BHC | ND | 0.065 | 0.040 | ug/kg | |
| 319-86-8 | delta-BHC | ND | 0.065 | 0.032 | ug/kg | |
| 58-89-9 | gamma-BHC (Lindane) | ND | 0.065 | 0.032 | ug/kg | |
| 5103-71-9 | alpha-Chlordane | ND | 0.065 | 0.024 | ug/kg | |
| 5103-74-2 | gamma-Chlordane | ND | 0.065 | 0.045 | ug/kg | |
| 60-57-1 | Dieldrin | ND | 0.065 | 0.025 | ug/kg | |
| 72-54-8 | 4,4'-DDD | ND | 0.065 | 0.035 | ug/kg | |
| 72-55-9 | 4,4'-DDE | ND | 0.065 | 0.026 | ug/kg | |
| 50-29-3 | 4,4'-DDT | ND | 0.065 | 0.032 | ug/kg | |
| 72-20-8 | Endrin | ND | 0.065 | 0.021 | ug/kg | |
| 1031-07-8 | Endosulfan sulfate | ND | 0.065 | 0.028 | ug/kg | |
| 7421-93-4 | Endrin aldehyde | ND | 0.065 | 0.034 | ug/kg | |
| 959-98-8 | Endosulfan-I | ND | 0.065 | 0.024 | ug/kg | |
| 33213-65-9 | Endosulfan-II | ND | 0.065 | 0.039 | ug/kg | |
| 76-44-8 | Heptachlor | ND | 0.065 | 0.031 | ug/kg | |
| 1024-57-3 | Heptachlor epoxide | ND | 0.065 | 0.024 | ug/kg | |
| 72-43-5 | Methoxychlor | ND | 0.13 | 0.063 | ug/kg | |
| 53494-70-5 | Endrin ketone | ND | 0.065 | 0.026 | ug/kg | |
| 8001-35-2 | Toxaphene | ND | 1.6 | 0.81 | ug/kg | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|-----------|----------------------|--------|--------|---------|
| 877-09-8 | Tetrachloro-m-xylene | 70% | | 10-147% |
| 877-09-8 | Tetrachloro-m-xylene | 56% | | 10-147% |
| 2051-24-3 | Decachlorobiphenyl | 60% | | 10-154% |
| 2051-24-3 | Decachlorobiphenyl | 62% | | 10-154% |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | | | |
|-------------------|--|-----------------|----------|
| Client Sample ID: | SB-6 (0-2) | Date Sampled: | 01/20/14 |
| Lab Sample ID: | JB58216-3 | Date Received: | 01/20/14 |
| Matrix: | SO - Soil | Percent Solids: | 96.7 |
| Project: | Flushing Commons, Union Street, Flushing, NY | | |

Metals Analysis

| Analyte | Result | RL | Units | DF | Prep | Analyzed By | Method | Prep Method |
|-----------|---------|-------|-------|----|----------|-------------|-----------------------------|--------------------------|
| Aluminum | 3940 | 52 | mg/kg | 1 | 01/22/14 | 01/24/14 | GT SW846 6010C ² | SW846 3050B ⁴ |
| Antimony | < 2.1 | 2.1 | mg/kg | 1 | 01/22/14 | 01/24/14 | GT SW846 6010C ² | SW846 3050B ⁴ |
| Arsenic | < 2.1 | 2.1 | mg/kg | 1 | 01/22/14 | 01/24/14 | GT SW846 6010C ² | SW846 3050B ⁴ |
| Barium | 32.3 | 21 | mg/kg | 1 | 01/22/14 | 01/24/14 | GT SW846 6010C ² | SW846 3050B ⁴ |
| Beryllium | < 0.21 | 0.21 | mg/kg | 1 | 01/22/14 | 01/24/14 | GT SW846 6010C ² | SW846 3050B ⁴ |
| Cadmium | < 0.52 | 0.52 | mg/kg | 1 | 01/22/14 | 01/24/14 | GT SW846 6010C ² | SW846 3050B ⁴ |
| Calcium | 923 | 520 | mg/kg | 1 | 01/22/14 | 01/24/14 | GT SW846 6010C ² | SW846 3050B ⁴ |
| Chromium | 15.9 | 1.0 | mg/kg | 1 | 01/22/14 | 01/24/14 | GT SW846 6010C ² | SW846 3050B ⁴ |
| Cobalt | < 5.2 | 5.2 | mg/kg | 1 | 01/22/14 | 01/24/14 | GT SW846 6010C ² | SW846 3050B ⁴ |
| Copper | 6.5 | 2.6 | mg/kg | 1 | 01/22/14 | 01/24/14 | GT SW846 6010C ² | SW846 3050B ⁴ |
| Iron | 10900 | 52 | mg/kg | 1 | 01/22/14 | 01/24/14 | GT SW846 6010C ² | SW846 3050B ⁴ |
| Lead | 2.5 | 2.1 | mg/kg | 1 | 01/22/14 | 01/24/14 | GT SW846 6010C ² | SW846 3050B ⁴ |
| Magnesium | 1600 | 520 | mg/kg | 1 | 01/22/14 | 01/24/14 | GT SW846 6010C ² | SW846 3050B ⁴ |
| Manganese | 238 | 1.6 | mg/kg | 1 | 01/22/14 | 01/24/14 | GT SW846 6010C ² | SW846 3050B ⁴ |
| Mercury | < 0.031 | 0.031 | mg/kg | 1 | 01/21/14 | 01/21/14 | JW SW846 7471B ¹ | SW846 7471B ³ |
| Nickel | 10.8 | 4.1 | mg/kg | 1 | 01/22/14 | 01/24/14 | GT SW846 6010C ² | SW846 3050B ⁴ |
| Potassium | 1160 | 1000 | mg/kg | 1 | 01/22/14 | 01/24/14 | GT SW846 6010C ² | SW846 3050B ⁴ |
| Selenium | < 2.1 | 2.1 | mg/kg | 1 | 01/22/14 | 01/24/14 | GT SW846 6010C ² | SW846 3050B ⁴ |
| Silver | < 0.52 | 0.52 | mg/kg | 1 | 01/22/14 | 01/24/14 | GT SW846 6010C ² | SW846 3050B ⁴ |
| Sodium | < 1000 | 1000 | mg/kg | 1 | 01/22/14 | 01/24/14 | GT SW846 6010C ² | SW846 3050B ⁴ |
| Thallium | < 1.0 | 1.0 | mg/kg | 1 | 01/22/14 | 01/24/14 | GT SW846 6010C ² | SW846 3050B ⁴ |
| Vanadium | 19.3 | 5.2 | mg/kg | 1 | 01/22/14 | 01/24/14 | GT SW846 6010C ² | SW846 3050B ⁴ |
| Zinc | 16.0 | 2.1 | mg/kg | 1 | 01/22/14 | 01/24/14 | GT SW846 6010C ² | SW846 3050B ⁴ |

(1) Instrument QC Batch: MA33112

(2) Instrument QC Batch: MA33147

(3) Prep QC Batch: MP77343

(4) Prep QC Batch: MP77348

RL = Reporting Limit

Report of Analysis

| | |
|---|-------------------------|
| Client Sample ID: SB-6 (49-51) | Date Sampled: 01/20/14 |
| Lab Sample ID: JB58216-4 | Date Received: 01/20/14 |
| Matrix: SO - Soil | Percent Solids: 98.0 |
| Method: SW846 8260C SW846 5035 | |
| Project: Flushing Commons, Union Street, Flushing, NY | |

| Run #1 | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|-----------|----|----------|-----|----------------|------------|------------------|
| Run #2 | I191972.D | 1 | 01/23/14 | SJM | 01/21/14 06:00 | n/a | VI7755 |

| Run #1 | Initial Weight |
|--------|----------------|
| Run #2 | 4.7 g |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|-----------------------------|--------|-----|------|-------|---|
| 67-64-1 | Acetone | ND | 11 | 5.0 | ug/kg | |
| 71-43-2 | Benzene | ND | 1.1 | 0.14 | ug/kg | |
| 74-97-5 | Bromochloromethane | ND | 5.4 | 0.56 | ug/kg | |
| 75-27-4 | Bromodichloromethane | ND | 5.4 | 0.31 | ug/kg | |
| 75-25-2 | Bromoform | ND | 5.4 | 0.28 | ug/kg | |
| 74-83-9 | Bromomethane | ND | 5.4 | 0.52 | ug/kg | |
| 78-93-3 | 2-Butanone (MEK) | ND | 11 | 4.8 | ug/kg | |
| 75-15-0 | Carbon disulfide | ND | 5.4 | 0.15 | ug/kg | |
| 56-23-5 | Carbon tetrachloride | ND | 5.4 | 0.27 | ug/kg | |
| 108-90-7 | Chlorobenzene | ND | 5.4 | 0.21 | ug/kg | |
| 75-00-3 | Chloroethane | ND | 5.4 | 1.1 | ug/kg | |
| 67-66-3 | Chloroform | ND | 5.4 | 0.28 | ug/kg | |
| 74-87-3 | Chloromethane | ND | 5.4 | 0.37 | ug/kg | |
| 110-82-7 | Cyclohexane | ND | 5.4 | 0.28 | ug/kg | |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ND | 11 | 1.4 | ug/kg | |
| 124-48-1 | Dibromochloromethane | ND | 5.4 | 0.26 | ug/kg | |
| 106-93-4 | 1,2-Dibromoethane | ND | 1.1 | 0.59 | ug/kg | |
| 95-50-1 | 1,2-Dichlorobenzene | ND | 5.4 | 0.37 | ug/kg | |
| 541-73-1 | 1,3-Dichlorobenzene | ND | 5.4 | 0.24 | ug/kg | |
| 106-46-7 | 1,4-Dichlorobenzene | ND | 5.4 | 0.27 | ug/kg | |
| 75-71-8 | Dichlorodifluoromethane | ND | 5.4 | 0.38 | ug/kg | |
| 75-34-3 | 1,1-Dichloroethane | ND | 5.4 | 0.34 | ug/kg | |
| 107-06-2 | 1,2-Dichloroethane | ND | 1.1 | 0.35 | ug/kg | |
| 75-35-4 | 1,1-Dichloroethene | ND | 5.4 | 0.31 | ug/kg | |
| 156-59-2 | cis-1,2-Dichloroethene | ND | 5.4 | 0.22 | ug/kg | |
| 156-60-5 | trans-1,2-Dichloroethene | ND | 5.4 | 0.46 | ug/kg | |
| 78-87-5 | 1,2-Dichloropropane | ND | 5.4 | 0.47 | ug/kg | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 5.4 | 0.25 | ug/kg | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 5.4 | 0.29 | ug/kg | |
| 100-41-4 | Ethylbenzene | ND | 1.1 | 0.19 | ug/kg | |
| 76-13-1 | Freon 113 | ND | 5.4 | 0.47 | ug/kg | |
| 591-78-6 | 2-Hexanone | ND | 5.4 | 1.9 | ug/kg | |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | | | |
|-------------------|--|-----------------|----------|
| Client Sample ID: | SB-6 (49-51) | Date Sampled: | 01/20/14 |
| Lab Sample ID: | JB58216-4 | Date Received: | 01/20/14 |
| Matrix: | SO - Soil | Percent Solids: | 98.0 |
| Method: | SW846 8260C SW846 5035 | | |
| Project: | Flushing Commons, Union Street, Flushing, NY | | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|----------------------------|--------|-----|------|-------|---|
| 98-82-8 | Isopropylbenzene | ND | 5.4 | 0.16 | ug/kg | |
| 79-20-9 | Methyl Acetate | ND | 5.4 | 1.8 | ug/kg | |
| 108-87-2 | Methylcyclohexane | ND | 5.4 | 0.18 | ug/kg | |
| 1634-04-4 | Methyl Tert Butyl Ether | ND | 1.1 | 0.37 | ug/kg | |
| 108-10-1 | 4-Methyl-2-pentanone(MIBK) | ND | 5.4 | 1.4 | ug/kg | |
| 75-09-2 | Methylene chloride | ND | 5.4 | 1.8 | ug/kg | |
| 100-42-5 | Styrene | ND | 5.4 | 0.25 | ug/kg | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 5.4 | 0.37 | ug/kg | |
| 127-18-4 | Tetrachloroethene | ND | 5.4 | 0.45 | ug/kg | |
| 108-88-3 | Toluene | ND | 1.1 | 0.15 | ug/kg | |
| 87-61-6 | 1,2,3-Trichlorobenzene | ND | 5.4 | 0.22 | ug/kg | |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | 5.4 | 0.20 | ug/kg | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 5.4 | 0.31 | ug/kg | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 5.4 | 0.89 | ug/kg | |
| 79-01-6 | Trichloroethene | ND | 5.4 | 0.38 | ug/kg | |
| 75-69-4 | Trichlorofluoromethane | ND | 5.4 | 0.24 | ug/kg | |
| 75-01-4 | Vinyl chloride | ND | 5.4 | 0.37 | ug/kg | |
| | m,p-Xylene | ND | 1.1 | 0.53 | ug/kg | |
| 95-47-6 | o-Xylene | ND | 1.1 | 0.19 | ug/kg | |
| 1330-20-7 | Xylene (total) | ND | 1.1 | 0.19 | ug/kg | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|------------|-----------------------|--------|--------|---------|
| 1868-53-7 | Dibromofluoromethane | 99% | | 59-130% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 97% | | 65-123% |
| 2037-26-5 | Toluene-D8 | 94% | | 80-124% |
| 460-00-4 | 4-Bromofluorobenzene | 97% | | 71-132% |

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

| | |
|---|-------------------------|
| Client Sample ID: SB-6 (49-51) | Date Sampled: 01/20/14 |
| Lab Sample ID: JB58216-4 | Date Received: 01/20/14 |
| Matrix: SO - Soil | Percent Solids: 98.0 |
| Method: SW846 8270D SW846 3550C | |
| Project: Flushing Commons, Union Street, Flushing, NY | |

| Run #1 | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|-----------|----|----------|----|-----------|------------|------------------|
| Run #2 | 3P28714.D | 1 | 01/22/14 | CH | 01/21/14 | OP72149 | E3P1215 |

| Run #1 | Initial Weight | Final Volume |
|--------|----------------|--------------|
| Run #2 | 32.1 g | 1.0 ml |

ABN TCL List (SOM0 2.0)

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|----------------------------|--------|-----|-----|-------|---|
| 95-57-8 | 2-Chlorophenol | ND | 64 | 32 | ug/kg | |
| 59-50-7 | 4-Chloro-3-methyl phenol | ND | 160 | 32 | ug/kg | |
| 120-83-2 | 2,4-Dichlorophenol | ND | 160 | 51 | ug/kg | |
| 105-67-9 | 2,4-Dimethylphenol | ND | 160 | 53 | ug/kg | |
| 51-28-5 | 2,4-Dinitrophenol | ND | 640 | 39 | ug/kg | |
| 534-52-1 | 4,6-Dinitro-o-cresol | ND | 640 | 39 | ug/kg | |
| 95-48-7 | 2-Methylphenol | ND | 64 | 36 | ug/kg | |
| | 3&4-Methylphenol | ND | 64 | 40 | ug/kg | |
| 88-75-5 | 2-Nitrophenol | ND | 160 | 34 | ug/kg | |
| 100-02-7 | 4-Nitrophenol | ND | 320 | 54 | ug/kg | |
| 87-86-5 | Pentachlorophenol | ND | 320 | 54 | ug/kg | |
| 108-95-2 | Phenol | ND | 64 | 33 | ug/kg | |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | ND | 160 | 33 | ug/kg | |
| 95-95-4 | 2,4,5-Trichlorophenol | ND | 160 | 37 | ug/kg | |
| 88-06-2 | 2,4,6-Trichlorophenol | ND | 160 | 30 | ug/kg | |
| 83-32-9 | Acenaphthene | ND | 32 | 9.2 | ug/kg | |
| 208-96-8 | Acenaphthylene | ND | 32 | 10 | ug/kg | |
| 98-86-2 | Acetophenone | ND | 160 | 5.6 | ug/kg | |
| 120-12-7 | Anthracene | ND | 32 | 11 | ug/kg | |
| 1912-24-9 | Atrazine | ND | 64 | 6.3 | ug/kg | |
| 56-55-3 | Benzo(a)anthracene | ND | 32 | 10 | ug/kg | |
| 50-32-8 | Benzo(a)pyrene | ND | 32 | 9.7 | ug/kg | |
| 205-99-2 | Benzo(b)fluoranthene | ND | 32 | 11 | ug/kg | |
| 191-24-2 | Benzo(g,h,i)perylene | ND | 32 | 12 | ug/kg | |
| 207-08-9 | Benzo(k)fluoranthene | ND | 32 | 12 | ug/kg | |
| 101-55-3 | 4-Bromophenyl phenyl ether | ND | 64 | 12 | ug/kg | |
| 85-68-7 | Butyl benzyl phthalate | ND | 64 | 18 | ug/kg | |
| 92-52-4 | 1,1'-Biphenyl | ND | 64 | 3.7 | ug/kg | |
| 100-52-7 | Benzaldehyde | ND | 160 | 7.3 | ug/kg | |
| 91-58-7 | 2-Chloronaphthalene | ND | 64 | 9.9 | ug/kg | |
| 106-47-8 | 4-Chloroaniline | ND | 160 | 10 | ug/kg | |
| 86-74-8 | Carbazole | ND | 64 | 15 | ug/kg | |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | | | |
|-------------------|--|-----------------|----------|
| Client Sample ID: | SB-6 (49-51) | Date Sampled: | 01/20/14 |
| Lab Sample ID: | JB58216-4 | Date Received: | 01/20/14 |
| Matrix: | SO - Soil | Percent Solids: | 98.0 |
| Method: | SW846 8270D SW846 3550C | | |
| Project: | Flushing Commons, Union Street, Flushing, NY | | |

ABN TCL List (SOM0 2.0)

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|-----------------------------|--------|-----|-----|-------|---|
| 105-60-2 | Caprolactam | ND | 64 | 10 | ug/kg | |
| 218-01-9 | Chrysene | ND | 32 | 11 | ug/kg | |
| 111-91-1 | bis(2-Chloroethoxy)methane | ND | 64 | 13 | ug/kg | |
| 111-44-4 | bis(2-Chloroethyl)ether | ND | 64 | 9.6 | ug/kg | |
| 108-60-1 | bis(2-Chloroisopropyl)ether | ND | 64 | 9.4 | ug/kg | |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | ND | 64 | 9.6 | ug/kg | |
| 121-14-2 | 2,4-Dinitrotoluene | ND | 32 | 14 | ug/kg | |
| 606-20-2 | 2,6-Dinitrotoluene | ND | 32 | 12 | ug/kg | |
| 91-94-1 | 3,3'-Dichlorobenzidine | ND | 64 | 8.1 | ug/kg | |
| 123-91-1 | 1,4-Dioxane | ND | 32 | 21 | ug/kg | |
| 53-70-3 | Dibenzo(a,h)anthracene | ND | 32 | 11 | ug/kg | |
| 132-64-9 | Dibenzofuran | ND | 64 | 9.4 | ug/kg | |
| 84-74-2 | Di-n-butyl phthalate | ND | 64 | 7.1 | ug/kg | |
| 117-84-0 | Di-n-octyl phthalate | ND | 64 | 15 | ug/kg | |
| 84-66-2 | Diethyl phthalate | ND | 64 | 11 | ug/kg | |
| 131-11-3 | Dimethyl phthalate | ND | 64 | 11 | ug/kg | |
| 117-81-7 | bis(2-Ethylhexyl)phthalate | ND | 64 | 28 | ug/kg | |
| 206-44-0 | Fluoranthene | ND | 32 | 14 | ug/kg | |
| 86-73-7 | Fluorene | ND | 32 | 10 | ug/kg | |
| 118-74-1 | Hexachlorobenzene | ND | 64 | 10 | ug/kg | |
| 87-68-3 | Hexachlorobutadiene | ND | 32 | 8.8 | ug/kg | |
| 77-47-4 | Hexachlorocyclopentadiene | ND | 320 | 32 | ug/kg | |
| 67-72-1 | Hexachloroethane | ND | 160 | 8.8 | ug/kg | |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | ND | 32 | 11 | ug/kg | |
| 78-59-1 | Isophorone | ND | 64 | 8.6 | ug/kg | |
| 91-57-6 | 2-Methylnaphthalene | ND | 64 | 18 | ug/kg | |
| 88-74-4 | 2-Nitroaniline | ND | 160 | 14 | ug/kg | |
| 99-09-2 | 3-Nitroaniline | ND | 160 | 13 | ug/kg | |
| 100-01-6 | 4-Nitroaniline | ND | 160 | 12 | ug/kg | |
| 91-20-3 | Naphthalene | ND | 32 | 8.7 | ug/kg | |
| 98-95-3 | Nitrobenzene | ND | 64 | 9.2 | ug/kg | |
| 621-64-7 | N-Nitroso-di-n-propylamine | ND | 64 | 7.8 | ug/kg | |
| 86-30-6 | N-Nitrosodiphenylamine | ND | 160 | 19 | ug/kg | |
| 85-01-8 | Phenanthrene | ND | 32 | 14 | ug/kg | |
| 129-00-0 | Pyrene | ND | 32 | 12 | ug/kg | |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | ND | 160 | 9.8 | ug/kg | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|----------|----------------------|--------|--------|---------|
| 367-12-4 | 2-Fluorophenol | 80% | | 13-110% |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | |
|--|--------------------------------|
| Client Sample ID: SB-6 (49-51) | Date Sampled: 01/20/14 |
| Lab Sample ID: JB58216-4 | Date Received: 01/20/14 |
| Matrix: SO - Soil | Percent Solids: 98.0 |
| Method: SW846 8270D SW846 3550C | |
| Project: Flushing Commons, Union Street, Flushing, NY | |

ABN TCL List (SOM0 2.0)

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|-----------|----------------------|--------|--------|---------|
| 4165-62-2 | Phenol-d5 | 81% | | 15-110% |
| 118-79-6 | 2,4,6-Tribromophenol | 69% | | 20-123% |
| 4165-60-0 | Nitrobenzene-d5 | 74% | | 10-110% |
| 321-60-8 | 2-Fluorobiphenyl | 77% | | 17-110% |
| 1718-51-0 | Terphenyl-d14 | 89% | | 30-124% |

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

4.22
4

Report of Analysis

| | |
|---|-------------------------|
| Client Sample ID: SB-6 (49-51) | Date Sampled: 01/20/14 |
| Lab Sample ID: JB58216-4 | Date Received: 01/20/14 |
| Matrix: SO - Soil | Percent Solids: 98.0 |
| Method: SW846 8081B SW846 3546 | |
| Project: Flushing Commons, Union Street, Flushing, NY | |

| Run # | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|-----------|----|----------|----|-----------|------------|------------------|
| Run #1 | 1G98769.D | 1 | 01/23/14 | JN | 01/22/14 | OP72159 | G1G3238 |
| Run #2 | | | | | | | |

| Run # | Initial Weight | Final Volume |
|--------|----------------|--------------|
| Run #1 | 15.7 g | 1.0 ml |
| Run #2 | | |

Pesticide TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|---------------------|--------|-------|-------|-------|---|
| 309-00-2 | Aldrin | ND | 0.065 | 0.030 | ug/kg | |
| 319-84-6 | alpha-BHC | ND | 0.065 | 0.019 | ug/kg | |
| 319-85-7 | beta-BHC | ND | 0.065 | 0.040 | ug/kg | |
| 319-86-8 | delta-BHC | ND | 0.065 | 0.032 | ug/kg | |
| 58-89-9 | gamma-BHC (Lindane) | ND | 0.065 | 0.032 | ug/kg | |
| 5103-71-9 | alpha-Chlordane | ND | 0.065 | 0.024 | ug/kg | |
| 5103-74-2 | gamma-Chlordane | ND | 0.065 | 0.045 | ug/kg | |
| 60-57-1 | Dieldrin | ND | 0.065 | 0.025 | ug/kg | |
| 72-54-8 | 4,4'-DDD | ND | 0.065 | 0.035 | ug/kg | |
| 72-55-9 | 4,4'-DDE | ND | 0.065 | 0.026 | ug/kg | |
| 50-29-3 | 4,4'-DDT | ND | 0.065 | 0.032 | ug/kg | |
| 72-20-8 | Endrin | ND | 0.065 | 0.021 | ug/kg | |
| 1031-07-8 | Endosulfan sulfate | ND | 0.065 | 0.028 | ug/kg | |
| 7421-93-4 | Endrin aldehyde | ND | 0.065 | 0.034 | ug/kg | |
| 959-98-8 | Endosulfan-I | ND | 0.065 | 0.025 | ug/kg | |
| 33213-65-9 | Endosulfan-II | ND | 0.065 | 0.039 | ug/kg | |
| 76-44-8 | Heptachlor | ND | 0.065 | 0.032 | ug/kg | |
| 1024-57-3 | Heptachlor epoxide | ND | 0.065 | 0.024 | ug/kg | |
| 72-43-5 | Methoxychlor | ND | 0.13 | 0.064 | ug/kg | |
| 53494-70-5 | Endrin ketone | ND | 0.065 | 0.026 | ug/kg | |
| 8001-35-2 | Toxaphene | ND | 1.6 | 0.82 | ug/kg | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|-----------|----------------------|--------|--------|---------|
| 877-09-8 | Tetrachloro-m-xylene | 82% | | 10-147% |
| 877-09-8 | Tetrachloro-m-xylene | 67% | | 10-147% |
| 2051-24-3 | Decachlorobiphenyl | 73% | | 10-154% |
| 2051-24-3 | Decachlorobiphenyl | 69% | | 10-154% |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | |
|---|--|
| Client Sample ID: SB-6 (49-51) Lab Sample ID: JB58216-4 Matrix: SO - Soil Method: SW846 8082A SW846 3546 Project: Flushing Commons, Union Street, Flushing, NY | Date Sampled: 01/20/14 Date Received: 01/20/14 Percent Solids: 98.0 |
|---|--|

| Run # | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|------------|----|----------|----|-----------|------------|------------------|
| Run #1 | XX144510.D | 1 | 01/23/14 | JR | 01/22/14 | OP72158 | GXX4872 |
| Run #2 | | | | | | | |

| Run # | Initial Weight | Final Volume |
|--------|----------------|--------------|
| Run #1 | 15.0 g | 1.0 ml |
| Run #2 | | |

PCB List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|--------------|--------|-----|------|-------|---|
| 12674-11-2 | Aroclor 1016 | ND | 3.4 | 0.88 | ug/kg | |
| 11104-28-2 | Aroclor 1221 | ND | 3.4 | 2.0 | ug/kg | |
| 11141-16-5 | Aroclor 1232 | ND | 3.4 | 1.7 | ug/kg | |
| 53469-21-9 | Aroclor 1242 | ND | 3.4 | 1.1 | ug/kg | |
| 12672-29-6 | Aroclor 1248 | ND | 3.4 | 1.0 | ug/kg | |
| 11097-69-1 | Aroclor 1254 | ND | 3.4 | 1.6 | ug/kg | |
| 11096-82-5 | Aroclor 1260 | ND | 3.4 | 1.1 | ug/kg | |
| 11100-14-4 | Aroclor 1268 | ND | 3.4 | 1.0 | ug/kg | |
| 37324-23-5 | Aroclor 1262 | ND | 3.4 | 1.1 | ug/kg | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|-----------|----------------------|--------|--------|---------|
| 877-09-8 | Tetrachloro-m-xylene | 59% | | 14-139% |
| 877-09-8 | Tetrachloro-m-xylene | 59% | | 14-139% |
| 2051-24-3 | Decachlorobiphenyl | 61% | | 10-155% |
| 2051-24-3 | Decachlorobiphenyl | 58% | | 10-155% |

ND = Not detected MDL - Method Detection Limit J = Indicates an estimated value
 RL = Reporting Limit B = Indicates analyte found in associated method blank
 E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

4.22
4

Report of Analysis

| | |
|---|-------------------------|
| Client Sample ID: SB-6 (49-51) | Date Sampled: 01/20/14 |
| Lab Sample ID: JB58216-4 | Date Received: 01/20/14 |
| Matrix: SO - Soil | Percent Solids: 98.0 |
| Project: Flushing Commons, Union Street, Flushing, NY | |

Metals Analysis

| Analyte | Result | RL | Units | DF | Prep | Analyzed By | Method | Prep Method |
|-----------|---------|-------|-------|----|----------|-------------|--------------------------|--------------------------|
| Aluminum | 4010 | 52 | mg/kg | 1 | 01/22/14 | 01/24/14 GT | SW846 6010C ² | SW846 3050B ⁴ |
| Antimony | < 2.1 | 2.1 | mg/kg | 1 | 01/22/14 | 01/24/14 GT | SW846 6010C ² | SW846 3050B ⁴ |
| Arsenic | < 2.1 | 2.1 | mg/kg | 1 | 01/22/14 | 01/24/14 GT | SW846 6010C ² | SW846 3050B ⁴ |
| Barium | 29.7 | 21 | mg/kg | 1 | 01/22/14 | 01/24/14 GT | SW846 6010C ² | SW846 3050B ⁴ |
| Beryllium | 0.24 | 0.21 | mg/kg | 1 | 01/22/14 | 01/24/14 GT | SW846 6010C ² | SW846 3050B ⁴ |
| Cadmium | < 0.52 | 0.52 | mg/kg | 1 | 01/22/14 | 01/24/14 GT | SW846 6010C ² | SW846 3050B ⁴ |
| Calcium | 1630 | 520 | mg/kg | 1 | 01/22/14 | 01/24/14 GT | SW846 6010C ² | SW846 3050B ⁴ |
| Chromium | 26.5 | 1.0 | mg/kg | 1 | 01/22/14 | 01/24/14 GT | SW846 6010C ² | SW846 3050B ⁴ |
| Cobalt | 6.0 | 5.2 | mg/kg | 1 | 01/22/14 | 01/24/14 GT | SW846 6010C ² | SW846 3050B ⁴ |
| Copper | 12.0 | 2.6 | mg/kg | 1 | 01/22/14 | 01/24/14 GT | SW846 6010C ² | SW846 3050B ⁴ |
| Iron | 20500 | 52 | mg/kg | 1 | 01/22/14 | 01/24/14 GT | SW846 6010C ² | SW846 3050B ⁴ |
| Lead | 2.7 | 2.1 | mg/kg | 1 | 01/22/14 | 01/24/14 GT | SW846 6010C ² | SW846 3050B ⁴ |
| Magnesium | 1410 | 520 | mg/kg | 1 | 01/22/14 | 01/24/14 GT | SW846 6010C ² | SW846 3050B ⁴ |
| Manganese | 225 | 1.5 | mg/kg | 1 | 01/22/14 | 01/24/14 GT | SW846 6010C ² | SW846 3050B ⁴ |
| Mercury | < 0.031 | 0.031 | mg/kg | 1 | 01/21/14 | 01/21/14 JW | SW846 7471B ¹ | SW846 7471B ³ |
| Nickel | 14.3 | 4.1 | mg/kg | 1 | 01/22/14 | 01/24/14 GT | SW846 6010C ² | SW846 3050B ⁴ |
| Potassium | < 1000 | 1000 | mg/kg | 1 | 01/22/14 | 01/24/14 GT | SW846 6010C ² | SW846 3050B ⁴ |
| Selenium | < 2.1 | 2.1 | mg/kg | 1 | 01/22/14 | 01/24/14 GT | SW846 6010C ² | SW846 3050B ⁴ |
| Silver | < 0.52 | 0.52 | mg/kg | 1 | 01/22/14 | 01/24/14 GT | SW846 6010C ² | SW846 3050B ⁴ |
| Sodium | < 1000 | 1000 | mg/kg | 1 | 01/22/14 | 01/24/14 GT | SW846 6010C ² | SW846 3050B ⁴ |
| Thallium | < 1.0 | 1.0 | mg/kg | 1 | 01/22/14 | 01/24/14 GT | SW846 6010C ² | SW846 3050B ⁴ |
| Vanadium | 48.0 | 5.2 | mg/kg | 1 | 01/22/14 | 01/24/14 GT | SW846 6010C ² | SW846 3050B ⁴ |
| Zinc | 16.4 | 2.1 | mg/kg | 1 | 01/22/14 | 01/24/14 GT | SW846 6010C ² | SW846 3050B ⁴ |

(1) Instrument QC Batch: MA33112

(2) Instrument QC Batch: MA33147

(3) Prep QC Batch: MP77343

(4) Prep QC Batch: MP77348

RL = Reporting Limit

Report of Analysis

| | | | |
|-------------------|--|-----------------|----------|
| Client Sample ID: | TRIP BLANK | Date Sampled: | 01/20/14 |
| Lab Sample ID: | JB58216-5 | Date Received: | 01/20/14 |
| Matrix: | AQ - Trip Blank Soil | Percent Solids: | n/a |
| Method: | SW846 8260C | | |
| Project: | Flushing Commons, Union Street, Flushing, NY | | |

| Run # | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|-----------|----|----------|-----|-----------|------------|------------------|
| Run #1 | C188117.D | 1 | 01/22/14 | TDN | n/a | n/a | VC6829 |
| Run #2 | | | | | | | |

| Run # | Purge Volume |
|--------|--------------|
| Run #1 | 5.0 ml |
| Run #2 | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|-----------------------------|--------|-----|------|-------|---|
| 67-64-1 | Acetone | ND | 10 | 3.3 | ug/l | |
| 71-43-2 | Benzene | ND | 1.0 | 0.28 | ug/l | |
| 74-97-5 | Bromochloromethane | ND | 5.0 | 0.42 | ug/l | |
| 75-27-4 | Bromodichloromethane | ND | 1.0 | 0.21 | ug/l | |
| 75-25-2 | Bromoform | ND | 4.0 | 0.30 | ug/l | |
| 74-83-9 | Bromomethane | ND | 2.0 | 0.56 | ug/l | |
| 78-93-3 | 2-Butanone (MEK) | ND | 10 | 3.2 | ug/l | |
| 75-15-0 | Carbon disulfide | ND | 2.0 | 0.18 | ug/l | |
| 56-23-5 | Carbon tetrachloride | ND | 1.0 | 0.23 | ug/l | |
| 108-90-7 | Chlorobenzene | ND | 1.0 | 0.35 | ug/l | |
| 75-00-3 | Chloroethane | ND | 1.0 | 0.39 | ug/l | |
| 67-66-3 | Chloroform | ND | 1.0 | 0.25 | ug/l | |
| 74-87-3 | Chloromethane | ND | 1.0 | 0.36 | ug/l | |
| 110-82-7 | Cyclohexane | ND | 5.0 | 0.18 | ug/l | |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ND | 10 | 1.3 | ug/l | |
| 124-48-1 | Dibromochloromethane | ND | 1.0 | 0.19 | ug/l | |
| 106-93-4 | 1,2-Dibromoethane | ND | 2.0 | 0.16 | ug/l | |
| 95-50-1 | 1,2-Dichlorobenzene | ND | 1.0 | 0.20 | ug/l | |
| 541-73-1 | 1,3-Dichlorobenzene | ND | 1.0 | 0.31 | ug/l | |
| 106-46-7 | 1,4-Dichlorobenzene | ND | 1.0 | 0.30 | ug/l | |
| 75-71-8 | Dichlorodifluoromethane | ND | 5.0 | 0.63 | ug/l | |
| 75-34-3 | 1,1-Dichloroethane | ND | 1.0 | 0.26 | ug/l | |
| 107-06-2 | 1,2-Dichloroethane | ND | 1.0 | 0.22 | ug/l | |
| 75-35-4 | 1,1-Dichloroethene | ND | 1.0 | 0.34 | ug/l | |
| 156-59-2 | cis-1,2-Dichloroethene | ND | 1.0 | 0.24 | ug/l | |
| 156-60-5 | trans-1,2-Dichloroethene | ND | 1.0 | 0.38 | ug/l | |
| 78-87-5 | 1,2-Dichloropropane | ND | 1.0 | 0.28 | ug/l | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 1.0 | 0.15 | ug/l | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 100-41-4 | Ethylbenzene | ND | 1.0 | 0.21 | ug/l | |
| 76-13-1 | Freon 113 | ND | 5.0 | 0.77 | ug/l | |
| 591-78-6 | 2-Hexanone | ND | 5.0 | 1.7 | ug/l | |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | | | |
|-------------------|--|-----------------|----------|
| Client Sample ID: | TRIP BLANK | Date Sampled: | 01/20/14 |
| Lab Sample ID: | JB58216-5 | Date Received: | 01/20/14 |
| Matrix: | AQ - Trip Blank Soil | Percent Solids: | n/a |
| Method: | SW846 8260C | | |
| Project: | Flushing Commons, Union Street, Flushing, NY | | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|----------------------------|--------|-----|------|-------|---|
| 98-82-8 | Isopropylbenzene | ND | 2.0 | 0.22 | ug/l | |
| 79-20-9 | Methyl Acetate | ND | 5.0 | 1.5 | ug/l | |
| 108-87-2 | Methylcyclohexane | ND | 5.0 | 0.15 | ug/l | |
| 1634-04-4 | Methyl Tert Butyl Ether | ND | 1.0 | 0.29 | ug/l | |
| 108-10-1 | 4-Methyl-2-pentanone(MIBK) | ND | 5.0 | 1.5 | ug/l | |
| 75-09-2 | Methylene chloride | ND | 2.0 | 0.86 | ug/l | |
| 100-42-5 | Styrene | ND | 5.0 | 0.30 | ug/l | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 1.0 | 0.20 | ug/l | |
| 127-18-4 | Tetrachloroethene | ND | 1.0 | 0.25 | ug/l | |
| 108-88-3 | Toluene | ND | 1.0 | 0.44 | ug/l | |
| 87-61-6 | 1,2,3-Trichlorobenzene | ND | 5.0 | 0.24 | ug/l | |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | 5.0 | 0.22 | ug/l | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 1.0 | 0.25 | ug/l | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 1.0 | 0.21 | ug/l | |
| 79-01-6 | Trichloroethene | ND | 1.0 | 0.50 | ug/l | |
| 75-69-4 | Trichlorofluoromethane | ND | 5.0 | 0.33 | ug/l | |
| 75-01-4 | Vinyl chloride | ND | 1.0 | 0.41 | ug/l | |
| | m,p-Xylene | ND | 1.0 | 0.40 | ug/l | |
| 95-47-6 | o-Xylene | ND | 1.0 | 0.19 | ug/l | |
| 1330-20-7 | Xylene (total) | ND | 1.0 | 0.19 | ug/l | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|------------|-----------------------|--------|--------|---------|
| 1868-53-7 | Dibromofluoromethane | 96% | | 79-117% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 94% | | 72-123% |
| 2037-26-5 | Toluene-D8 | 102% | | 82-118% |
| 460-00-4 | 4-Bromofluorobenzene | 98% | | 75-118% |

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Misc. Forms

5

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody



Accutest Laboratories Sample Receipt Summary

Accutest Job Number: JB57522 Client: _____ Project: _____
 Date / Time Received: 1/13/2014 Delivery Method: _____ Airbill #'s: _____

Cooler Temps (Initial/Adjusted): #1: (3/3); 0

| <u>Cooler Security</u> | <u>Y</u> | <u>or</u> | <u>N</u> | | <u>Y</u> | <u>or</u> | <u>N</u> |
|---------------------------|-------------------------------------|-----------|--------------------------|-----------------------|-------------------------------------|-----------|--------------------------|
| 1. Custody Seals Present: | <input checked="" type="checkbox"/> | | <input type="checkbox"/> | 3. COC Present: | <input checked="" type="checkbox"/> | | <input type="checkbox"/> |
| 2. Custody Seals Intact: | <input checked="" type="checkbox"/> | | <input type="checkbox"/> | 4. Smpl Dates/Time OK | <input checked="" type="checkbox"/> | | <input type="checkbox"/> |

| <u>Cooler Temperature</u> | <u>Y</u> | <u>or</u> | <u>N</u> |
|------------------------------|-------------------------------------|-----------|--------------------------|
| 1. Temp criteria achieved: | <input checked="" type="checkbox"/> | | <input type="checkbox"/> |
| 2. Cooler temp verification: | <u>IR Gun</u> | | |
| 3. Cooler media: | <u>Ice (Bag)</u> | | |
| 4. No. Coolers: | <u>1</u> | | |

| <u>Quality Control Preservation</u> | <u>Y</u> | <u>or</u> | <u>N</u> | <u>N/A</u> |
|-------------------------------------|-------------------------------------|-----------|--------------------------|--------------------------|
| 1. Trip Blank present / cooler: | <input checked="" type="checkbox"/> | | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Trip Blank listed on COC: | <input checked="" type="checkbox"/> | | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Samples preserved properly: | <input checked="" type="checkbox"/> | | <input type="checkbox"/> | |
| 4. VOCs headspace free: | <input checked="" type="checkbox"/> | | <input type="checkbox"/> | <input type="checkbox"/> |

| <u>Sample Integrity - Documentation</u> | <u>Y</u> | <u>or</u> | <u>N</u> |
|---|-------------------------------------|-----------|--------------------------|
| 1. Sample labels present on bottles: | <input checked="" type="checkbox"/> | | <input type="checkbox"/> |
| 2. Container labeling complete: | <input checked="" type="checkbox"/> | | <input type="checkbox"/> |
| 3. Sample container label / COC agree: | <input checked="" type="checkbox"/> | | <input type="checkbox"/> |

| <u>Sample Integrity - Condition</u> | <u>Y</u> | <u>or</u> | <u>N</u> |
|-------------------------------------|-------------------------------------|-----------|--------------------------|
| 1. Sample recvd within HT: | <input checked="" type="checkbox"/> | | <input type="checkbox"/> |
| 2. All containers accounted for: | <input checked="" type="checkbox"/> | | <input type="checkbox"/> |
| 3. Condition of sample: | <u>Intact</u> | | |

| <u>Sample Integrity - Instructions</u> | <u>Y</u> | <u>or</u> | <u>N</u> | <u>N/A</u> |
|---|-------------------------------------|-----------|-------------------------------------|-------------------------------------|
| 1. Analysis requested is clear: | <input checked="" type="checkbox"/> | | <input type="checkbox"/> | |
| 2. Bottles received for unspecified tests | <input type="checkbox"/> | | <input checked="" type="checkbox"/> | |
| 3. Sufficient volume recvd for analysis: | <input checked="" type="checkbox"/> | | <input type="checkbox"/> | |
| 4. Compositing instructions clear: | <input type="checkbox"/> | | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 5. Filtering instructions clear: | <input type="checkbox"/> | | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

Comments

Accutest Laboratories
V: 732.329.0200

2235 US Highway 130
F: 732.329.3499

Dayton, New Jersey
www.accutest.com

JB57522: Chain of Custody

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5.1
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2235 Route 130, Dayton, NJ 08810
TEL: 732-329-0200 FAX: 732-329-3499/3480
www.accutest.com

5LL

| | |
|-------------------|-------------------------------|
| FED-EX Tracking # | Bottle Order Control # |
| Accutest Quote # | Accutest Job # JB57666 |

| Client / Reporting Information | | Project Information | | Requested Analysis (see TEST CODE sheet) | | | | | | | | | | Matrix Codes | | | | | | |
|---|--------------------------------|--|---------|--|------------|--------|--------------|-----|------|------|-------|------|----------|---|--------|---|---|---|---|---|
| Company Name: AKRF, Inc. | | Project Name: Flushing Comments | | TCL VOC 8260 TCL VOC 8270 PLB 8082 Pesticides 8081 TAL Metals | | | | | | | | | | DW - Drinking Water GW - Ground Water WW - Water SW - Surface Water SO - Soil SL - Sludge SED - Sediment OI - Oil LIQ - Other Liquid AIR - Air SOL - Other Solid WIP - Wipe FB - Field Blank EB - Equipment Blank RB - Rinse Blank TB - Trip Blank | | | | | | |
| Street Address: 440 Park Ave 5. 7th Floor | | Street: Union St. | | | | | | | | | | | | | | | | | | |
| City: New York NY 10016 | | City: Flushing NY | | | | | | | | | | | | | | | | | | |
| Project Contact: Stephen Malinowski 646-315-2616 | | Project #: 10677-3106 | | | | | | | | | | | | | | | | | | |
| Phone # | | Client Purchase Order # | | LAB USE ONLY | | | | | | | | | | | | | | | | |
| Sample(s) Name(s): Robert Andrews | | Project Manager | | | | | | | | | | | | | | | | | | |
| Accutest Sample # | Field ID / Point of Collection | MECH/DI Vial # | Date | Time | Sampled by | Matrix | # of bottles | HCL | NiOH | HNO3 | H2SO4 | NONE | D1 Water | MEDH | ENCORE | | | | | |
| 1 | 5B-2 (0-2) | | 1/14/14 | 920 | RA | SO | 4 | | | | | 1 | | 3 | | X | X | X | X | X |
| 2 | 5B-2 (4B-50) | | 1/14/14 | 950 | RA | SO | 4 | | | | | 1 | | 3 | | X | X | X | X | X |

M5
1481
4978

| | | | | |
|--|------------------------------------|---|--|---------------------------------|
| Turnaround Time (Business days) | Approved By (Accutest PM): / Date: | <input type="checkbox"/> Commercial "A" (Level 1) <input type="checkbox"/> Commercial "B" (Level 2) <input type="checkbox"/> FULLT1 (Level 3+4) <input type="checkbox"/> NJ Reduced <input type="checkbox"/> Commercial "C" Commercial "A" = Results Only Commercial "B" = Results + QC Summary NJ Reduced = Results + QC Summary + Partial Raw data | <input checked="" type="checkbox"/> NYASP Category A <input type="checkbox"/> NYASP Category B <input type="checkbox"/> State Forms <input type="checkbox"/> EDD Format <input type="checkbox"/> Other | Comments / Special Instructions |
| <input type="checkbox"/> Std. 10 Business Days <input checked="" type="checkbox"/> 5 Day RUSH <input type="checkbox"/> 3 Day EMERGENCY <input type="checkbox"/> 2 Day EMERGENCY <input type="checkbox"/> 1 Day EMERGENCY <input type="checkbox"/> other | | | | NYSDOC Part 395 |

| | | | | | |
|--|---------------------------------|------------------------|---------------------------|--|--|
| Sample Custody must be documented below each time samples change possession, including courier delivery. | | | | | |
| Relinquished by Sampler: 1 | Date Time: 1/14/14 15:21 | Received By: LC | Relinquished By: 2 | Date Time: 1-14-14 15:25 | Received By: [Signature] |
| Relinquished by Sampler: 3 | Date Time: | Received By: 3 | Relinquished By: 4 | Date Time: | Received By: 4 |
| Relinquished by: 5 | Date Time: | Received By: 5 | Custody Seal # | <input type="checkbox"/> Intact <input type="checkbox"/> Not intact | Preserved where applicable <input type="checkbox"/> On Ice <input checked="" type="checkbox"/> Cooler Temp: 3.3 I P |

2B

o- 30ml cones

[Signature]

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5

Accutest Laboratories Sample Receipt Summary

Accutest Job Number: JB57834 **Client:** _____ **Project:** _____
Date / Time Received: 1/15/2014 **Delivery Method:** _____ **Airbill #'s:** _____

Cooler Temps (Initial/Adjusted): #1: (2.8/2.8); 0

| <u>Cooler Security</u> | <u>Y or N</u> | | <u>Y or N</u> | |
|---------------------------|-------------------------------------|--------------------------|-----------------------|--|
| 1. Custody Seals Present: | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 3. COC Present: | <input checked="" type="checkbox"/> <input type="checkbox"/> |
| 2. Custody Seals Intact: | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 4. Smpl Dates/Time OK | <input checked="" type="checkbox"/> <input type="checkbox"/> |

| <u>Cooler Temperature</u> | <u>Y or N</u> | |
|------------------------------|-------------------------------------|--------------------------|
| 1. Temp criteria achieved: | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Cooler temp verification: | _____ | |
| 3. Cooler media: | Ice (Bag) | |
| 4. No. Coolers: | 1 | |

| <u>Quality Control Preservation</u> | <u>Y</u> | <u>or</u> | <u>N</u> | <u>N/A</u> |
|-------------------------------------|-------------------------------------|-----------|-------------------------------------|-------------------------------------|
| 1. Trip Blank present / cooler: | <input type="checkbox"/> | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Trip Blank listed on COC: | <input type="checkbox"/> | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Samples preserved properly: | <input checked="" type="checkbox"/> | | <input type="checkbox"/> | |
| 4. VOCs headspace free: | <input type="checkbox"/> | | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

Comments

| <u>Sample Integrity - Documentation</u> | <u>Y or N</u> | |
|---|-------------------------------------|--------------------------|
| 1. Sample labels present on bottles: | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Container labeling complete: | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Sample container label / COC agree: | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

| <u>Sample Integrity - Condition</u> | <u>Y or N</u> | |
|-------------------------------------|-------------------------------------|--------------------------|
| 1. Sample recvd within HT: | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. All containers accounted for: | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Condition of sample: | Intact | |

| <u>Sample Integrity - Instructions</u> | <u>Y</u> | <u>or</u> | <u>N</u> | <u>N/A</u> |
|---|-------------------------------------|-----------|-------------------------------------|-------------------------------------|
| 1. Analysis requested is clear: | <input checked="" type="checkbox"/> | | <input type="checkbox"/> | |
| 2. Bottles received for unspecified tests | <input type="checkbox"/> | | <input checked="" type="checkbox"/> | |
| 3. Sufficient volume recvd for analysis: | <input checked="" type="checkbox"/> | | <input type="checkbox"/> | |
| 4. Compositing instructions clear: | <input type="checkbox"/> | | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 5. Filtering instructions clear: | <input type="checkbox"/> | | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

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Accutest Laboratories Sample Receipt Summary

Accutest Job Number: JB58123 Client: _____ Project: _____
 Date / Time Received: 1/17/2014 Delivery Method: _____ Airbill #'s: _____

Cooler Temps (Initial/Adjusted): #1: (1/1); 0

| <u>Cooler Security</u> | <u>Y</u> | <u>or</u> | <u>N</u> | | <u>Y</u> | <u>or</u> | <u>N</u> |
|---------------------------|-------------------------------------|-----------|--------------------------|-----------------------|-------------------------------------|-----------|--------------------------|
| 1. Custody Seals Present: | <input checked="" type="checkbox"/> | | <input type="checkbox"/> | 3. COC Present: | <input checked="" type="checkbox"/> | | <input type="checkbox"/> |
| 2. Custody Seals Intact: | <input checked="" type="checkbox"/> | | <input type="checkbox"/> | 4. Smpl Dates/Time OK | <input checked="" type="checkbox"/> | | <input type="checkbox"/> |

| <u>Cooler Temperature</u> | <u>Y</u> | <u>or</u> | <u>N</u> |
|------------------------------|-------------------------------------|-----------|--------------------------|
| 1. Temp criteria achieved: | <input checked="" type="checkbox"/> | | <input type="checkbox"/> |
| 2. Cooler temp verification: | IR Gun | | |
| 3. Cooler media: | Ice (Bag) | | |
| 4. No. Coolers: | 1 | | |

| <u>Quality Control Preservation</u> | <u>Y</u> | <u>or</u> | <u>N</u> | <u>N/A</u> |
|-------------------------------------|-------------------------------------|-----------|-------------------------------------|--------------------------|
| 1. Trip Blank present / cooler: | <input type="checkbox"/> | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Trip Blank listed on COC: | <input type="checkbox"/> | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Samples preserved properly: | <input checked="" type="checkbox"/> | | <input type="checkbox"/> | <input type="checkbox"/> |
| 4. VOCs headspace free: | <input checked="" type="checkbox"/> | | <input type="checkbox"/> | <input type="checkbox"/> |

| <u>Sample Integrity - Documentation</u> | <u>Y</u> | <u>or</u> | <u>N</u> |
|---|-------------------------------------|-----------|--------------------------|
| 1. Sample labels present on bottles: | <input checked="" type="checkbox"/> | | <input type="checkbox"/> |
| 2. Container labeling complete: | <input checked="" type="checkbox"/> | | <input type="checkbox"/> |
| 3. Sample container label / COC agree: | <input checked="" type="checkbox"/> | | <input type="checkbox"/> |

| <u>Sample Integrity - Condition</u> | <u>Y</u> | <u>or</u> | <u>N</u> |
|-------------------------------------|-------------------------------------|-----------|--------------------------|
| 1. Sample recvd within HT: | <input checked="" type="checkbox"/> | | <input type="checkbox"/> |
| 2. All containers accounted for: | <input checked="" type="checkbox"/> | | <input type="checkbox"/> |
| 3. Condition of sample: | Intact | | |

| <u>Sample Integrity - Instructions</u> | <u>Y</u> | <u>or</u> | <u>N</u> | <u>N/A</u> |
|---|-------------------------------------|-----------|-------------------------------------|-------------------------------------|
| 1. Analysis requested is clear: | <input checked="" type="checkbox"/> | | <input type="checkbox"/> | |
| 2. Bottles received for unspecified tests | <input type="checkbox"/> | | <input checked="" type="checkbox"/> | |
| 3. Sufficient volume recvd for analysis: | <input checked="" type="checkbox"/> | | <input type="checkbox"/> | |
| 4. Compositing instructions clear: | <input type="checkbox"/> | | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 5. Filtering instructions clear: | <input type="checkbox"/> | | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

Comments

Accutest Laboratories
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2235 US Highway 130
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Dayton, New Jersey
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5.1
5



Job Change Order: JB57522

Requested Date: 1/28/2014 Received Date: 1/13/2014
 Account Name: AKRF Due Date: 1/24/2014
 Project Description: Flushing Commons, Union Street, Flushing, NY Deliverable: NYASPA
 CSR: MattC TAT (Days): 7

 Sample #: JB57522-all Change:
 Dept: revise deliverable to COMMBN and reissue.

JB57522: Chain of Custody
Page 11 of 11

Above Changes Per: Date: 1/28/2014

To Client: This Change Order is confirmation of the revisions, previously discussed with the Accutest Client Service Representative.

GC/MS Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Instrument Performance Checks (BFB)
- Surrogate Recovery Summaries

Method Blank Summary

Job Number: JB57522

Account: AKRFNYNY AKRF

Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-----------|-----------|----|----------|-----|-----------|------------|------------------|
| VC6818-MB | C187798.D | 1 | 01/15/14 | TDN | n/a | n/a | VC6818 |

The QC reported here applies to the following samples:

Method: SW846 8260C

JB57522-5

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|-----------------------------|--------|-----|------|-------|---|
| 67-64-1 | Acetone | ND | 10 | 3.3 | ug/l | |
| 71-43-2 | Benzene | ND | 1.0 | 0.28 | ug/l | |
| 74-97-5 | Bromochloromethane | ND | 5.0 | 0.42 | ug/l | |
| 75-27-4 | Bromodichloromethane | ND | 1.0 | 0.21 | ug/l | |
| 75-25-2 | Bromoform | ND | 4.0 | 0.30 | ug/l | |
| 74-83-9 | Bromomethane | ND | 2.0 | 0.56 | ug/l | |
| 78-93-3 | 2-Butanone (MEK) | ND | 10 | 3.2 | ug/l | |
| 75-15-0 | Carbon disulfide | ND | 2.0 | 0.18 | ug/l | |
| 56-23-5 | Carbon tetrachloride | ND | 1.0 | 0.23 | ug/l | |
| 108-90-7 | Chlorobenzene | ND | 1.0 | 0.35 | ug/l | |
| 75-00-3 | Chloroethane | ND | 1.0 | 0.39 | ug/l | |
| 67-66-3 | Chloroform | ND | 1.0 | 0.25 | ug/l | |
| 74-87-3 | Chloromethane | ND | 1.0 | 0.36 | ug/l | |
| 110-82-7 | Cyclohexane | ND | 5.0 | 0.18 | ug/l | |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ND | 10 | 1.3 | ug/l | |
| 124-48-1 | Dibromochloromethane | ND | 1.0 | 0.19 | ug/l | |
| 106-93-4 | 1,2-Dibromoethane | ND | 2.0 | 0.16 | ug/l | |
| 95-50-1 | 1,2-Dichlorobenzene | ND | 1.0 | 0.20 | ug/l | |
| 541-73-1 | 1,3-Dichlorobenzene | ND | 1.0 | 0.31 | ug/l | |
| 106-46-7 | 1,4-Dichlorobenzene | ND | 1.0 | 0.30 | ug/l | |
| 75-71-8 | Dichlorodifluoromethane | ND | 5.0 | 0.63 | ug/l | |
| 75-34-3 | 1,1-Dichloroethane | ND | 1.0 | 0.26 | ug/l | |
| 107-06-2 | 1,2-Dichloroethane | ND | 1.0 | 0.22 | ug/l | |
| 75-35-4 | 1,1-Dichloroethene | ND | 1.0 | 0.34 | ug/l | |
| 156-59-2 | cis-1,2-Dichloroethene | ND | 1.0 | 0.24 | ug/l | |
| 156-60-5 | trans-1,2-Dichloroethene | ND | 1.0 | 0.38 | ug/l | |
| 78-87-5 | 1,2-Dichloropropane | ND | 1.0 | 0.28 | ug/l | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 1.0 | 0.15 | ug/l | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 100-41-4 | Ethylbenzene | ND | 1.0 | 0.21 | ug/l | |
| 76-13-1 | Freon 113 | ND | 5.0 | 0.77 | ug/l | |
| 591-78-6 | 2-Hexanone | ND | 5.0 | 1.7 | ug/l | |
| 98-82-8 | Isopropylbenzene | ND | 2.0 | 0.22 | ug/l | |
| 79-20-9 | Methyl Acetate | ND | 5.0 | 1.5 | ug/l | |
| 108-87-2 | Methylcyclohexane | ND | 5.0 | 0.15 | ug/l | |
| 1634-04-4 | Methyl Tert Butyl Ether | ND | 1.0 | 0.29 | ug/l | |

Method Blank Summary

Job Number: JB57522
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-----------|-----------|----|----------|-----|-----------|------------|------------------|
| VC6818-MB | C187798.D | 1 | 01/15/14 | TDN | n/a | n/a | VC6818 |

The QC reported here applies to the following samples:

Method: SW846 8260C

JB57522-5

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|----------------------------|--------|-----|------|-------|---|
| 108-10-1 | 4-Methyl-2-pentanone(MIBK) | ND | 5.0 | 1.5 | ug/l | |
| 75-09-2 | Methylene chloride | ND | 2.0 | 0.86 | ug/l | |
| 100-42-5 | Styrene | ND | 5.0 | 0.30 | ug/l | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 1.0 | 0.20 | ug/l | |
| 127-18-4 | Tetrachloroethene | ND | 1.0 | 0.25 | ug/l | |
| 108-88-3 | Toluene | ND | 1.0 | 0.44 | ug/l | |
| 87-61-6 | 1,2,3-Trichlorobenzene | ND | 5.0 | 0.24 | ug/l | |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | 5.0 | 0.22 | ug/l | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 1.0 | 0.25 | ug/l | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 1.0 | 0.21 | ug/l | |
| 79-01-6 | Trichloroethene | ND | 1.0 | 0.50 | ug/l | |
| 75-69-4 | Trichlorofluoromethane | ND | 5.0 | 0.33 | ug/l | |
| 75-01-4 | Vinyl chloride | ND | 1.0 | 0.41 | ug/l | |
| | m,p-Xylene | ND | 1.0 | 0.40 | ug/l | |
| 95-47-6 | o-Xylene | ND | 1.0 | 0.19 | ug/l | |
| 1330-20-7 | Xylene (total) | ND | 1.0 | 0.19 | ug/l | |

| CAS No. | Surrogate Recoveries | Limits | |
|------------|-----------------------|--------|---------|
| 1868-53-7 | Dibromofluoromethane | 103% | 79-117% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 102% | 72-123% |
| 2037-26-5 | Toluene-D8 | 95% | 82-118% |
| 460-00-4 | 4-Bromofluorobenzene | 93% | 75-118% |

Method Blank Summary

Job Number: JB57522
Account: AKRFNYNY AKRF
Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|------------|-----------|----|----------|-----|-----------|------------|------------------|
| VI7746-MB2 | I191732.D | 1 | 01/15/14 | SJM | n/a | n/a | VI7746 |

The QC reported here applies to the following samples:

Method: SW846 8260C

JB57522-1, JB57522-2, JB57522-3, JB57522-4, JB57666-1

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|-----------------------------|--------|-----|------|-------|---|
| 67-64-1 | Acetone | ND | 10 | 4.6 | ug/kg | |
| 71-43-2 | Benzene | ND | 1.0 | 0.13 | ug/kg | |
| 74-97-5 | Bromochloromethane | ND | 5.0 | 0.52 | ug/kg | |
| 75-27-4 | Bromodichloromethane | ND | 5.0 | 0.28 | ug/kg | |
| 75-25-2 | Bromoform | ND | 5.0 | 0.26 | ug/kg | |
| 74-83-9 | Bromomethane | ND | 5.0 | 0.48 | ug/kg | |
| 78-93-3 | 2-Butanone (MEK) | ND | 10 | 4.4 | ug/kg | |
| 75-15-0 | Carbon disulfide | ND | 5.0 | 0.14 | ug/kg | |
| 56-23-5 | Carbon tetrachloride | ND | 5.0 | 0.25 | ug/kg | |
| 108-90-7 | Chlorobenzene | ND | 5.0 | 0.20 | ug/kg | |
| 75-00-3 | Chloroethane | ND | 5.0 | 1.0 | ug/kg | |
| 67-66-3 | Chloroform | ND | 5.0 | 0.25 | ug/kg | |
| 74-87-3 | Chloromethane | ND | 5.0 | 0.34 | ug/kg | |
| 110-82-7 | Cyclohexane | ND | 5.0 | 0.26 | ug/kg | |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ND | 10 | 1.3 | ug/kg | |
| 124-48-1 | Dibromochloromethane | ND | 5.0 | 0.24 | ug/kg | |
| 106-93-4 | 1,2-Dibromoethane | ND | 1.0 | 0.55 | ug/kg | |
| 95-50-1 | 1,2-Dichlorobenzene | ND | 5.0 | 0.34 | ug/kg | |
| 541-73-1 | 1,3-Dichlorobenzene | ND | 5.0 | 0.22 | ug/kg | |
| 106-46-7 | 1,4-Dichlorobenzene | ND | 5.0 | 0.25 | ug/kg | |
| 75-71-8 | Dichlorodifluoromethane | ND | 5.0 | 0.35 | ug/kg | |
| 75-34-3 | 1,1-Dichloroethane | ND | 5.0 | 0.31 | ug/kg | |
| 107-06-2 | 1,2-Dichloroethane | ND | 1.0 | 0.32 | ug/kg | |
| 75-35-4 | 1,1-Dichloroethene | ND | 5.0 | 0.29 | ug/kg | |
| 156-59-2 | cis-1,2-Dichloroethene | ND | 5.0 | 0.21 | ug/kg | |
| 156-60-5 | trans-1,2-Dichloroethene | ND | 5.0 | 0.42 | ug/kg | |
| 78-87-5 | 1,2-Dichloropropane | ND | 5.0 | 0.44 | ug/kg | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 5.0 | 0.23 | ug/kg | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 5.0 | 0.27 | ug/kg | |
| 100-41-4 | Ethylbenzene | ND | 1.0 | 0.18 | ug/kg | |
| 76-13-1 | Freon 113 | ND | 5.0 | 0.44 | ug/kg | |
| 591-78-6 | 2-Hexanone | ND | 5.0 | 1.8 | ug/kg | |
| 98-82-8 | Isopropylbenzene | ND | 5.0 | 0.15 | ug/kg | |
| 79-20-9 | Methyl Acetate | ND | 5.0 | 1.7 | ug/kg | |
| 108-87-2 | Methylcyclohexane | ND | 5.0 | 0.16 | ug/kg | |
| 1634-04-4 | Methyl Tert Butyl Ether | ND | 1.0 | 0.34 | ug/kg | |

Method Blank Summary

Job Number: JB57522
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| | | | | | | | |
|------------|-----------|----|----------|-----|-----------|------------|------------------|
| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
| VI7746-MB2 | I191732.D | 1 | 01/15/14 | SJM | n/a | n/a | VI7746 |

The QC reported here applies to the following samples:

Method: SW846 8260C

JB57522-1, JB57522-2, JB57522-3, JB57522-4, JB57666-1

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|----------------------------|--------|-----|------|-------|---|
| 108-10-1 | 4-Methyl-2-pentanone(MIBK) | ND | 5.0 | 1.3 | ug/kg | |
| 75-09-2 | Methylene chloride | ND | 5.0 | 1.7 | ug/kg | |
| 100-42-5 | Styrene | ND | 5.0 | 0.23 | ug/kg | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 5.0 | 0.34 | ug/kg | |
| 127-18-4 | Tetrachloroethene | ND | 5.0 | 0.41 | ug/kg | |
| 108-88-3 | Toluene | ND | 1.0 | 0.14 | ug/kg | |
| 87-61-6 | 1,2,3-Trichlorobenzene | ND | 5.0 | 0.21 | ug/kg | |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | 5.0 | 0.18 | ug/kg | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 5.0 | 0.29 | ug/kg | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 5.0 | 0.82 | ug/kg | |
| 79-01-6 | Trichloroethene | ND | 5.0 | 0.35 | ug/kg | |
| 75-69-4 | Trichlorofluoromethane | ND | 5.0 | 0.23 | ug/kg | |
| 75-01-4 | Vinyl chloride | ND | 5.0 | 0.34 | ug/kg | |
| | m,p-Xylene | ND | 1.0 | 0.48 | ug/kg | |
| 95-47-6 | o-Xylene | ND | 1.0 | 0.18 | ug/kg | |
| 1330-20-7 | Xylene (total) | ND | 1.0 | 0.18 | ug/kg | |

| CAS No. | Surrogate Recoveries | Limits |
|------------|-----------------------|--------------|
| 1868-53-7 | Dibromofluoromethane | 90% 59-130% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 93% 65-123% |
| 2037-26-5 | Toluene-D8 | 92% 80-124% |
| 460-00-4 | 4-Bromofluorobenzene | 105% 71-132% |

Method Blank Summary

Job Number: JB57522

Account: AKRFNYNY AKRF

Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|------------|-----------|----|----------|-----|-----------|------------|------------------|
| VI7747-MB1 | I191743.D | 1 | 01/16/14 | SJM | n/a | n/a | VI7747 |

The QC reported here applies to the following samples:

Method: SW846 8260C

JB57666-2

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|-----------------------------|--------|-----|------|-------|---|
| 67-64-1 | Acetone | ND | 10 | 4.6 | ug/kg | |
| 71-43-2 | Benzene | ND | 1.0 | 0.13 | ug/kg | |
| 74-97-5 | Bromochloromethane | ND | 5.0 | 0.52 | ug/kg | |
| 75-27-4 | Bromodichloromethane | ND | 5.0 | 0.28 | ug/kg | |
| 75-25-2 | Bromoform | ND | 5.0 | 0.26 | ug/kg | |
| 74-83-9 | Bromomethane | ND | 5.0 | 0.48 | ug/kg | |
| 78-93-3 | 2-Butanone (MEK) | ND | 10 | 4.4 | ug/kg | |
| 75-15-0 | Carbon disulfide | ND | 5.0 | 0.14 | ug/kg | |
| 56-23-5 | Carbon tetrachloride | ND | 5.0 | 0.25 | ug/kg | |
| 108-90-7 | Chlorobenzene | ND | 5.0 | 0.20 | ug/kg | |
| 75-00-3 | Chloroethane | ND | 5.0 | 1.0 | ug/kg | |
| 67-66-3 | Chloroform | ND | 5.0 | 0.25 | ug/kg | |
| 74-87-3 | Chloromethane | ND | 5.0 | 0.34 | ug/kg | |
| 110-82-7 | Cyclohexane | ND | 5.0 | 0.26 | ug/kg | |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ND | 10 | 1.3 | ug/kg | |
| 124-48-1 | Dibromochloromethane | ND | 5.0 | 0.24 | ug/kg | |
| 106-93-4 | 1,2-Dibromoethane | ND | 1.0 | 0.55 | ug/kg | |
| 95-50-1 | 1,2-Dichlorobenzene | ND | 5.0 | 0.34 | ug/kg | |
| 541-73-1 | 1,3-Dichlorobenzene | ND | 5.0 | 0.22 | ug/kg | |
| 106-46-7 | 1,4-Dichlorobenzene | ND | 5.0 | 0.25 | ug/kg | |
| 75-71-8 | Dichlorodifluoromethane | ND | 5.0 | 0.35 | ug/kg | |
| 75-34-3 | 1,1-Dichloroethane | ND | 5.0 | 0.31 | ug/kg | |
| 107-06-2 | 1,2-Dichloroethane | ND | 1.0 | 0.32 | ug/kg | |
| 75-35-4 | 1,1-Dichloroethene | ND | 5.0 | 0.29 | ug/kg | |
| 156-59-2 | cis-1,2-Dichloroethene | ND | 5.0 | 0.21 | ug/kg | |
| 156-60-5 | trans-1,2-Dichloroethene | ND | 5.0 | 0.42 | ug/kg | |
| 78-87-5 | 1,2-Dichloropropane | ND | 5.0 | 0.44 | ug/kg | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 5.0 | 0.23 | ug/kg | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 5.0 | 0.27 | ug/kg | |
| 100-41-4 | Ethylbenzene | ND | 1.0 | 0.18 | ug/kg | |
| 76-13-1 | Freon 113 | ND | 5.0 | 0.44 | ug/kg | |
| 591-78-6 | 2-Hexanone | ND | 5.0 | 1.8 | ug/kg | |
| 98-82-8 | Isopropylbenzene | ND | 5.0 | 0.15 | ug/kg | |
| 79-20-9 | Methyl Acetate | ND | 5.0 | 1.7 | ug/kg | |
| 108-87-2 | Methylcyclohexane | ND | 5.0 | 0.16 | ug/kg | |
| 1634-04-4 | Methyl Tert Butyl Ether | ND | 1.0 | 0.34 | ug/kg | |

Method Blank Summary

Job Number: JB57522
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|------------|-----------|----|----------|-----|-----------|------------|------------------|
| VI7747-MB1 | I191743.D | 1 | 01/16/14 | SJM | n/a | n/a | VI7747 |

The QC reported here applies to the following samples:

Method: SW846 8260C

JB57666-2

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|----------------------------|--------|-----|------|-------|---|
| 108-10-1 | 4-Methyl-2-pentanone(MIBK) | ND | 5.0 | 1.3 | ug/kg | |
| 75-09-2 | Methylene chloride | ND | 5.0 | 1.7 | ug/kg | |
| 100-42-5 | Styrene | ND | 5.0 | 0.23 | ug/kg | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 5.0 | 0.34 | ug/kg | |
| 127-18-4 | Tetrachloroethene | ND | 5.0 | 0.41 | ug/kg | |
| 108-88-3 | Toluene | ND | 1.0 | 0.14 | ug/kg | |
| 87-61-6 | 1,2,3-Trichlorobenzene | ND | 5.0 | 0.21 | ug/kg | |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | 5.0 | 0.18 | ug/kg | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 5.0 | 0.29 | ug/kg | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 5.0 | 0.82 | ug/kg | |
| 79-01-6 | Trichloroethene | ND | 5.0 | 0.35 | ug/kg | |
| 75-69-4 | Trichlorofluoromethane | ND | 5.0 | 0.23 | ug/kg | |
| 75-01-4 | Vinyl chloride | ND | 5.0 | 0.34 | ug/kg | |
| | m,p-Xylene | ND | 1.0 | 0.48 | ug/kg | |
| 95-47-6 | o-Xylene | ND | 1.0 | 0.18 | ug/kg | |
| 1330-20-7 | Xylene (total) | ND | 1.0 | 0.18 | ug/kg | |

| CAS No. | Surrogate Recoveries | Limits | |
|------------|-----------------------|--------|---------|
| 1868-53-7 | Dibromofluoromethane | 92% | 59-130% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 96% | 65-123% |
| 2037-26-5 | Toluene-D8 | 93% | 80-124% |
| 460-00-4 | 4-Bromofluorobenzene | 103% | 71-132% |

Method Blank Summary

Job Number: JB57522

Account: AKRFNYNY AKRF

Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|------------|-----------|----|----------|-----|-----------|------------|------------------|
| VI7747-MB2 | I191765.D | 1 | 01/16/14 | SJM | n/a | n/a | VI7747 |

The QC reported here applies to the following samples:

Method: SW846 8260C

JB57834-1, JB57834-2, JB57834-3, JB57834-4, JB57834-5

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|-----------------------------|--------|-----|------|-------|---|
| 67-64-1 | Acetone | ND | 10 | 4.6 | ug/kg | |
| 71-43-2 | Benzene | ND | 1.0 | 0.13 | ug/kg | |
| 74-97-5 | Bromochloromethane | ND | 5.0 | 0.52 | ug/kg | |
| 75-27-4 | Bromodichloromethane | ND | 5.0 | 0.28 | ug/kg | |
| 75-25-2 | Bromoform | ND | 5.0 | 0.26 | ug/kg | |
| 74-83-9 | Bromomethane | ND | 5.0 | 0.48 | ug/kg | |
| 78-93-3 | 2-Butanone (MEK) | ND | 10 | 4.4 | ug/kg | |
| 75-15-0 | Carbon disulfide | ND | 5.0 | 0.14 | ug/kg | |
| 56-23-5 | Carbon tetrachloride | ND | 5.0 | 0.25 | ug/kg | |
| 108-90-7 | Chlorobenzene | ND | 5.0 | 0.20 | ug/kg | |
| 75-00-3 | Chloroethane | ND | 5.0 | 1.0 | ug/kg | |
| 67-66-3 | Chloroform | ND | 5.0 | 0.25 | ug/kg | |
| 74-87-3 | Chloromethane | ND | 5.0 | 0.34 | ug/kg | |
| 110-82-7 | Cyclohexane | ND | 5.0 | 0.26 | ug/kg | |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ND | 10 | 1.3 | ug/kg | |
| 124-48-1 | Dibromochloromethane | ND | 5.0 | 0.24 | ug/kg | |
| 106-93-4 | 1,2-Dibromoethane | ND | 1.0 | 0.55 | ug/kg | |
| 95-50-1 | 1,2-Dichlorobenzene | ND | 5.0 | 0.34 | ug/kg | |
| 541-73-1 | 1,3-Dichlorobenzene | ND | 5.0 | 0.22 | ug/kg | |
| 106-46-7 | 1,4-Dichlorobenzene | ND | 5.0 | 0.25 | ug/kg | |
| 75-71-8 | Dichlorodifluoromethane | ND | 5.0 | 0.35 | ug/kg | |
| 75-34-3 | 1,1-Dichloroethane | ND | 5.0 | 0.31 | ug/kg | |
| 107-06-2 | 1,2-Dichloroethane | ND | 1.0 | 0.32 | ug/kg | |
| 75-35-4 | 1,1-Dichloroethene | ND | 5.0 | 0.29 | ug/kg | |
| 156-59-2 | cis-1,2-Dichloroethene | ND | 5.0 | 0.21 | ug/kg | |
| 156-60-5 | trans-1,2-Dichloroethene | ND | 5.0 | 0.42 | ug/kg | |
| 78-87-5 | 1,2-Dichloropropane | ND | 5.0 | 0.44 | ug/kg | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 5.0 | 0.23 | ug/kg | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 5.0 | 0.27 | ug/kg | |
| 100-41-4 | Ethylbenzene | ND | 1.0 | 0.18 | ug/kg | |
| 76-13-1 | Freon 113 | ND | 5.0 | 0.44 | ug/kg | |
| 591-78-6 | 2-Hexanone | ND | 5.0 | 1.8 | ug/kg | |
| 98-82-8 | Isopropylbenzene | ND | 5.0 | 0.15 | ug/kg | |
| 79-20-9 | Methyl Acetate | ND | 5.0 | 1.7 | ug/kg | |
| 108-87-2 | Methylcyclohexane | ND | 5.0 | 0.16 | ug/kg | |
| 1634-04-4 | Methyl Tert Butyl Ether | ND | 1.0 | 0.34 | ug/kg | |

Method Blank Summary

Job Number: JB57522
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| | | | | | | | |
|------------|-----------|----|----------|-----|-----------|------------|------------------|
| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
| VI7747-MB2 | I191765.D | 1 | 01/16/14 | SJM | n/a | n/a | VI7747 |

The QC reported here applies to the following samples:

Method: SW846 8260C

JB57834-1, JB57834-2, JB57834-3, JB57834-4, JB57834-5

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|----------------------------|--------|-----|------|-------|---|
| 108-10-1 | 4-Methyl-2-pentanone(MIBK) | ND | 5.0 | 1.3 | ug/kg | |
| 75-09-2 | Methylene chloride | ND | 5.0 | 1.7 | ug/kg | |
| 100-42-5 | Styrene | ND | 5.0 | 0.23 | ug/kg | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 5.0 | 0.34 | ug/kg | |
| 127-18-4 | Tetrachloroethene | ND | 5.0 | 0.41 | ug/kg | |
| 108-88-3 | Toluene | ND | 1.0 | 0.14 | ug/kg | |
| 87-61-6 | 1,2,3-Trichlorobenzene | ND | 5.0 | 0.21 | ug/kg | |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | 5.0 | 0.18 | ug/kg | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 5.0 | 0.29 | ug/kg | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 5.0 | 0.82 | ug/kg | |
| 79-01-6 | Trichloroethene | ND | 5.0 | 0.35 | ug/kg | |
| 75-69-4 | Trichlorofluoromethane | ND | 5.0 | 0.23 | ug/kg | |
| 75-01-4 | Vinyl chloride | ND | 5.0 | 0.34 | ug/kg | |
| | m,p-Xylene | ND | 1.0 | 0.48 | ug/kg | |
| 95-47-6 | o-Xylene | ND | 1.0 | 0.18 | ug/kg | |
| 1330-20-7 | Xylene (total) | ND | 1.0 | 0.18 | ug/kg | |

| CAS No. | Surrogate Recoveries | Limits | |
|------------|-----------------------|--------|---------|
| 1868-53-7 | Dibromofluoromethane | 86% | 59-130% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 88% | 65-123% |
| 2037-26-5 | Toluene-D8 | 97% | 80-124% |
| 460-00-4 | 4-Bromofluorobenzene | 107% | 71-132% |

Method Blank Summary

Job Number: JB57522
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|------------|-----------|----|----------|-----|-----------|------------|------------------|
| VC6829-MB1 | C188102.D | 1 | 01/22/14 | TDN | n/a | n/a | VC6829 |

The QC reported here applies to the following samples:

Method: SW846 8260C

JB58216-5

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|-----------------------------|--------|-----|------|-------|---|
| 67-64-1 | Acetone | ND | 10 | 3.3 | ug/l | |
| 71-43-2 | Benzene | ND | 1.0 | 0.28 | ug/l | |
| 74-97-5 | Bromochloromethane | ND | 5.0 | 0.42 | ug/l | |
| 75-27-4 | Bromodichloromethane | ND | 1.0 | 0.21 | ug/l | |
| 75-25-2 | Bromoform | ND | 4.0 | 0.30 | ug/l | |
| 74-83-9 | Bromomethane | ND | 2.0 | 0.56 | ug/l | |
| 78-93-3 | 2-Butanone (MEK) | ND | 10 | 3.2 | ug/l | |
| 75-15-0 | Carbon disulfide | ND | 2.0 | 0.18 | ug/l | |
| 56-23-5 | Carbon tetrachloride | ND | 1.0 | 0.23 | ug/l | |
| 108-90-7 | Chlorobenzene | ND | 1.0 | 0.35 | ug/l | |
| 75-00-3 | Chloroethane | ND | 1.0 | 0.39 | ug/l | |
| 67-66-3 | Chloroform | ND | 1.0 | 0.25 | ug/l | |
| 74-87-3 | Chloromethane | ND | 1.0 | 0.36 | ug/l | |
| 110-82-7 | Cyclohexane | ND | 5.0 | 0.18 | ug/l | |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ND | 10 | 1.3 | ug/l | |
| 124-48-1 | Dibromochloromethane | ND | 1.0 | 0.19 | ug/l | |
| 106-93-4 | 1,2-Dibromoethane | ND | 2.0 | 0.16 | ug/l | |
| 95-50-1 | 1,2-Dichlorobenzene | ND | 1.0 | 0.20 | ug/l | |
| 541-73-1 | 1,3-Dichlorobenzene | ND | 1.0 | 0.31 | ug/l | |
| 106-46-7 | 1,4-Dichlorobenzene | ND | 1.0 | 0.30 | ug/l | |
| 75-71-8 | Dichlorodifluoromethane | ND | 5.0 | 0.63 | ug/l | |
| 75-34-3 | 1,1-Dichloroethane | ND | 1.0 | 0.26 | ug/l | |
| 107-06-2 | 1,2-Dichloroethane | ND | 1.0 | 0.22 | ug/l | |
| 75-35-4 | 1,1-Dichloroethene | ND | 1.0 | 0.34 | ug/l | |
| 156-59-2 | cis-1,2-Dichloroethene | ND | 1.0 | 0.24 | ug/l | |
| 156-60-5 | trans-1,2-Dichloroethene | ND | 1.0 | 0.38 | ug/l | |
| 78-87-5 | 1,2-Dichloropropane | ND | 1.0 | 0.28 | ug/l | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 1.0 | 0.15 | ug/l | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 100-41-4 | Ethylbenzene | ND | 1.0 | 0.21 | ug/l | |
| 76-13-1 | Freon 113 | ND | 5.0 | 0.77 | ug/l | |
| 591-78-6 | 2-Hexanone | ND | 5.0 | 1.7 | ug/l | |
| 98-82-8 | Isopropylbenzene | ND | 2.0 | 0.22 | ug/l | |
| 79-20-9 | Methyl Acetate | ND | 5.0 | 1.5 | ug/l | |
| 108-87-2 | Methylcyclohexane | ND | 5.0 | 0.15 | ug/l | |
| 1634-04-4 | Methyl Tert Butyl Ether | ND | 1.0 | 0.29 | ug/l | |

Method Blank Summary

Job Number: JB57522
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|------------|-----------|----|----------|-----|-----------|------------|------------------|
| VC6829-MB1 | C188102.D | 1 | 01/22/14 | TDN | n/a | n/a | VC6829 |

The QC reported here applies to the following samples:

Method: SW846 8260C

JB58216-5

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|----------------------------|--------|-----|------|-------|---|
| 108-10-1 | 4-Methyl-2-pentanone(MIBK) | ND | 5.0 | 1.5 | ug/l | |
| 75-09-2 | Methylene chloride | ND | 2.0 | 0.86 | ug/l | |
| 100-42-5 | Styrene | ND | 5.0 | 0.30 | ug/l | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 1.0 | 0.20 | ug/l | |
| 127-18-4 | Tetrachloroethene | ND | 1.0 | 0.25 | ug/l | |
| 108-88-3 | Toluene | ND | 1.0 | 0.44 | ug/l | |
| 87-61-6 | 1,2,3-Trichlorobenzene | ND | 5.0 | 0.24 | ug/l | |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | 5.0 | 0.22 | ug/l | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 1.0 | 0.25 | ug/l | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 1.0 | 0.21 | ug/l | |
| 79-01-6 | Trichloroethene | ND | 1.0 | 0.50 | ug/l | |
| 75-69-4 | Trichlorofluoromethane | ND | 5.0 | 0.33 | ug/l | |
| 75-01-4 | Vinyl chloride | ND | 1.0 | 0.41 | ug/l | |
| | m,p-Xylene | ND | 1.0 | 0.40 | ug/l | |
| 95-47-6 | o-Xylene | ND | 1.0 | 0.19 | ug/l | |
| 1330-20-7 | Xylene (total) | ND | 1.0 | 0.19 | ug/l | |

| CAS No. | Surrogate Recoveries | Limits |
|------------|-----------------------|--------------|
| 1868-53-7 | Dibromofluoromethane | 97% 79-117% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 95% 72-123% |
| 2037-26-5 | Toluene-D8 | 100% 82-118% |
| 460-00-4 | 4-Bromofluorobenzene | 97% 75-118% |

| CAS No. | Tentatively Identified Compounds | R.T. | Est. Conc. | Units | Q |
|---------|----------------------------------|------|------------|-------|---|
| | Total TIC, Volatile | | 0 | ug/l | |

Method Blank Summary

Job Number: JB57522
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|------------|-----------|----|----------|-----|-----------|------------|------------------|
| VI7755-MB1 | I191963.D | 1 | 01/23/14 | SJM | n/a | n/a | VI7755 |

The QC reported here applies to the following samples:

Method: SW846 8260C

JB58123-3, JB58123-4, JB58123-5, JB58123-6, JB58123-7, JB58123-8, JB58216-1, JB58216-2, JB58216-3, JB58216-4

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|-----------------------------|--------|-----|------|-------|---|
| 67-64-1 | Acetone | ND | 10 | 4.6 | ug/kg | |
| 71-43-2 | Benzene | ND | 1.0 | 0.13 | ug/kg | |
| 74-97-5 | Bromochloromethane | ND | 5.0 | 0.52 | ug/kg | |
| 75-27-4 | Bromodichloromethane | ND | 5.0 | 0.28 | ug/kg | |
| 75-25-2 | Bromoform | ND | 5.0 | 0.26 | ug/kg | |
| 74-83-9 | Bromomethane | ND | 5.0 | 0.48 | ug/kg | |
| 78-93-3 | 2-Butanone (MEK) | ND | 10 | 4.4 | ug/kg | |
| 75-15-0 | Carbon disulfide | ND | 5.0 | 0.14 | ug/kg | |
| 56-23-5 | Carbon tetrachloride | ND | 5.0 | 0.25 | ug/kg | |
| 108-90-7 | Chlorobenzene | ND | 5.0 | 0.20 | ug/kg | |
| 75-00-3 | Chloroethane | ND | 5.0 | 1.0 | ug/kg | |
| 67-66-3 | Chloroform | ND | 5.0 | 0.25 | ug/kg | |
| 74-87-3 | Chloromethane | ND | 5.0 | 0.34 | ug/kg | |
| 110-82-7 | Cyclohexane | ND | 5.0 | 0.26 | ug/kg | |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ND | 10 | 1.3 | ug/kg | |
| 124-48-1 | Dibromochloromethane | ND | 5.0 | 0.24 | ug/kg | |
| 106-93-4 | 1,2-Dibromoethane | ND | 1.0 | 0.55 | ug/kg | |
| 95-50-1 | 1,2-Dichlorobenzene | ND | 5.0 | 0.34 | ug/kg | |
| 541-73-1 | 1,3-Dichlorobenzene | ND | 5.0 | 0.22 | ug/kg | |
| 106-46-7 | 1,4-Dichlorobenzene | ND | 5.0 | 0.25 | ug/kg | |
| 75-71-8 | Dichlorodifluoromethane | ND | 5.0 | 0.35 | ug/kg | |
| 75-34-3 | 1,1-Dichloroethane | ND | 5.0 | 0.31 | ug/kg | |
| 107-06-2 | 1,2-Dichloroethane | ND | 1.0 | 0.32 | ug/kg | |
| 75-35-4 | 1,1-Dichloroethene | ND | 5.0 | 0.29 | ug/kg | |
| 156-59-2 | cis-1,2-Dichloroethene | ND | 5.0 | 0.21 | ug/kg | |
| 156-60-5 | trans-1,2-Dichloroethene | ND | 5.0 | 0.42 | ug/kg | |
| 78-87-5 | 1,2-Dichloropropane | ND | 5.0 | 0.44 | ug/kg | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 5.0 | 0.23 | ug/kg | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 5.0 | 0.27 | ug/kg | |
| 100-41-4 | Ethylbenzene | ND | 1.0 | 0.18 | ug/kg | |
| 76-13-1 | Freon 113 | ND | 5.0 | 0.44 | ug/kg | |
| 591-78-6 | 2-Hexanone | ND | 5.0 | 1.8 | ug/kg | |
| 98-82-8 | Isopropylbenzene | ND | 5.0 | 0.15 | ug/kg | |
| 79-20-9 | Methyl Acetate | ND | 5.0 | 1.7 | ug/kg | |
| 108-87-2 | Methylcyclohexane | ND | 5.0 | 0.16 | ug/kg | |
| 1634-04-4 | Methyl Tert Butyl Ether | ND | 1.0 | 0.34 | ug/kg | |

Method Blank Summary

Job Number: JB57522
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|------------|-----------|----|----------|-----|-----------|------------|------------------|
| VI7755-MB1 | I191963.D | 1 | 01/23/14 | SJM | n/a | n/a | VI7755 |

The QC reported here applies to the following samples:

Method: SW846 8260C

JB58123-3, JB58123-4, JB58123-5, JB58123-6, JB58123-7, JB58123-8, JB58216-1, JB58216-2, JB58216-3, JB58216-4

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|----------------------------|--------|-----|------|-------|---|
| 108-10-1 | 4-Methyl-2-pentanone(MIBK) | ND | 5.0 | 1.3 | ug/kg | |
| 75-09-2 | Methylene chloride | ND | 5.0 | 1.7 | ug/kg | |
| 100-42-5 | Styrene | ND | 5.0 | 0.23 | ug/kg | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 5.0 | 0.34 | ug/kg | |
| 127-18-4 | Tetrachloroethene | ND | 5.0 | 0.41 | ug/kg | |
| 108-88-3 | Toluene | ND | 1.0 | 0.14 | ug/kg | |
| 87-61-6 | 1,2,3-Trichlorobenzene | ND | 5.0 | 0.21 | ug/kg | |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | 5.0 | 0.18 | ug/kg | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 5.0 | 0.29 | ug/kg | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 5.0 | 0.82 | ug/kg | |
| 79-01-6 | Trichloroethene | ND | 5.0 | 0.35 | ug/kg | |
| 75-69-4 | Trichlorofluoromethane | ND | 5.0 | 0.23 | ug/kg | |
| 75-01-4 | Vinyl chloride | ND | 5.0 | 0.34 | ug/kg | |
| | m,p-Xylene | ND | 1.0 | 0.48 | ug/kg | |
| 95-47-6 | o-Xylene | ND | 1.0 | 0.18 | ug/kg | |
| 1330-20-7 | Xylene (total) | ND | 1.0 | 0.18 | ug/kg | |

| CAS No. | Surrogate Recoveries | Limits | |
|------------|-----------------------|--------|---------|
| 1868-53-7 | Dibromofluoromethane | 97% | 59-130% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 97% | 65-123% |
| 2037-26-5 | Toluene-D8 | 94% | 80-124% |
| 460-00-4 | 4-Bromofluorobenzene | 96% | 71-132% |

Method Blank Summary

Job Number: JB57522

Account: AKRFNYNY AKRF

Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|------------|-----------|----|----------|-----|-----------|------------|------------------|
| VI7746-MB1 | I191709.D | 1 | 01/15/14 | SJM | n/a | n/a | VI7746 |

The QC reported here applies to the following samples:

Method: SW846 8260C

VI7746-BS, JB57463-14DUP, JB57463-15MS

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|-----------------------------|--------|-----|------|-------|---|
| 67-64-1 | Acetone | ND | 10 | 4.6 | ug/kg | |
| 71-43-2 | Benzene | ND | 1.0 | 0.13 | ug/kg | |
| 74-97-5 | Bromochloromethane | ND | 5.0 | 0.52 | ug/kg | |
| 75-27-4 | Bromodichloromethane | ND | 5.0 | 0.28 | ug/kg | |
| 75-25-2 | Bromoform | ND | 5.0 | 0.26 | ug/kg | |
| 74-83-9 | Bromomethane | ND | 5.0 | 0.48 | ug/kg | |
| 78-93-3 | 2-Butanone (MEK) | ND | 10 | 4.4 | ug/kg | |
| 75-15-0 | Carbon disulfide | ND | 5.0 | 0.14 | ug/kg | |
| 56-23-5 | Carbon tetrachloride | ND | 5.0 | 0.25 | ug/kg | |
| 108-90-7 | Chlorobenzene | ND | 5.0 | 0.20 | ug/kg | |
| 75-00-3 | Chloroethane | ND | 5.0 | 1.0 | ug/kg | |
| 67-66-3 | Chloroform | ND | 5.0 | 0.25 | ug/kg | |
| 74-87-3 | Chloromethane | ND | 5.0 | 0.34 | ug/kg | |
| 110-82-7 | Cyclohexane | ND | 5.0 | 0.26 | ug/kg | |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ND | 10 | 1.3 | ug/kg | |
| 124-48-1 | Dibromochloromethane | ND | 5.0 | 0.24 | ug/kg | |
| 106-93-4 | 1,2-Dibromoethane | ND | 1.0 | 0.55 | ug/kg | |
| 95-50-1 | 1,2-Dichlorobenzene | ND | 5.0 | 0.34 | ug/kg | |
| 541-73-1 | 1,3-Dichlorobenzene | ND | 5.0 | 0.22 | ug/kg | |
| 106-46-7 | 1,4-Dichlorobenzene | ND | 5.0 | 0.25 | ug/kg | |
| 75-71-8 | Dichlorodifluoromethane | ND | 5.0 | 0.35 | ug/kg | |
| 75-34-3 | 1,1-Dichloroethane | ND | 5.0 | 0.31 | ug/kg | |
| 107-06-2 | 1,2-Dichloroethane | ND | 1.0 | 0.32 | ug/kg | |
| 75-35-4 | 1,1-Dichloroethene | ND | 5.0 | 0.29 | ug/kg | |
| 156-59-2 | cis-1,2-Dichloroethene | ND | 5.0 | 0.21 | ug/kg | |
| 156-60-5 | trans-1,2-Dichloroethene | ND | 5.0 | 0.42 | ug/kg | |
| 78-87-5 | 1,2-Dichloropropane | ND | 5.0 | 0.44 | ug/kg | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 5.0 | 0.23 | ug/kg | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 5.0 | 0.27 | ug/kg | |
| 100-41-4 | Ethylbenzene | ND | 1.0 | 0.18 | ug/kg | |
| 76-13-1 | Freon 113 | ND | 5.0 | 0.44 | ug/kg | |
| 591-78-6 | 2-Hexanone | ND | 5.0 | 1.8 | ug/kg | |
| 98-82-8 | Isopropylbenzene | ND | 5.0 | 0.15 | ug/kg | |
| 79-20-9 | Methyl Acetate | ND | 5.0 | 1.7 | ug/kg | |
| 108-87-2 | Methylcyclohexane | ND | 5.0 | 0.16 | ug/kg | |
| 1634-04-4 | Methyl Tert Butyl Ether | ND | 1.0 | 0.34 | ug/kg | |

Method Blank Summary

Job Number: JB57522
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| | | | | | | | |
|------------|-----------|----|----------|-----|-----------|------------|------------------|
| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
| VI7746-MB1 | I191709.D | 1 | 01/15/14 | SJM | n/a | n/a | VI7746 |

The QC reported here applies to the following samples:

Method: SW846 8260C

VI7746-BS, JB57463-14DUP, JB57463-15MS

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|----------------------------|--------|-----|------|-------|---|
| 108-10-1 | 4-Methyl-2-pentanone(MIBK) | ND | 5.0 | 1.3 | ug/kg | |
| 75-09-2 | Methylene chloride | ND | 5.0 | 1.7 | ug/kg | |
| 100-42-5 | Styrene | ND | 5.0 | 0.23 | ug/kg | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 5.0 | 0.34 | ug/kg | |
| 127-18-4 | Tetrachloroethene | ND | 5.0 | 0.41 | ug/kg | |
| 108-88-3 | Toluene | ND | 1.0 | 0.14 | ug/kg | |
| 87-61-6 | 1,2,3-Trichlorobenzene | ND | 5.0 | 0.21 | ug/kg | |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | 5.0 | 0.18 | ug/kg | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 5.0 | 0.29 | ug/kg | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 5.0 | 0.82 | ug/kg | |
| 79-01-6 | Trichloroethene | ND | 5.0 | 0.35 | ug/kg | |
| 75-69-4 | Trichlorofluoromethane | ND | 5.0 | 0.23 | ug/kg | |
| 75-01-4 | Vinyl chloride | ND | 5.0 | 0.34 | ug/kg | |
| | m,p-Xylene | ND | 1.0 | 0.48 | ug/kg | |
| 95-47-6 | o-Xylene | ND | 1.0 | 0.18 | ug/kg | |
| 1330-20-7 | Xylene (total) | ND | 1.0 | 0.18 | ug/kg | |

| CAS No. | Surrogate Recoveries | Limits | |
|------------|-----------------------|--------|---------|
| 1868-53-7 | Dibromofluoromethane | 87% | 59-130% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 88% | 65-123% |
| 2037-26-5 | Toluene-D8 | 95% | 80-124% |
| 460-00-4 | 4-Bromofluorobenzene | 103% | 71-132% |

Method Blank Summary

Job Number: JB57522
Account: AKRFNYNY AKRF
Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|------------|-----------|----|----------|-----|-----------|------------|------------------|
| VI7755-MB2 | I191984.D | 1 | 01/24/14 | SJM | n/a | n/a | VI7755 |

The QC reported here applies to the following samples:

Method: SW846 8260C

JB58216-4MS

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|-----------------------------|--------|-----|------|-------|---|
| 67-64-1 | Acetone | ND | 10 | 4.6 | ug/kg | |
| 71-43-2 | Benzene | ND | 1.0 | 0.13 | ug/kg | |
| 74-97-5 | Bromochloromethane | ND | 5.0 | 0.52 | ug/kg | |
| 75-27-4 | Bromodichloromethane | ND | 5.0 | 0.28 | ug/kg | |
| 75-25-2 | Bromoform | ND | 5.0 | 0.26 | ug/kg | |
| 74-83-9 | Bromomethane | ND | 5.0 | 0.48 | ug/kg | |
| 78-93-3 | 2-Butanone (MEK) | ND | 10 | 4.4 | ug/kg | |
| 75-15-0 | Carbon disulfide | ND | 5.0 | 0.14 | ug/kg | |
| 56-23-5 | Carbon tetrachloride | ND | 5.0 | 0.25 | ug/kg | |
| 108-90-7 | Chlorobenzene | ND | 5.0 | 0.20 | ug/kg | |
| 75-00-3 | Chloroethane | ND | 5.0 | 1.0 | ug/kg | |
| 67-66-3 | Chloroform | ND | 5.0 | 0.25 | ug/kg | |
| 74-87-3 | Chloromethane | ND | 5.0 | 0.34 | ug/kg | |
| 110-82-7 | Cyclohexane | ND | 5.0 | 0.26 | ug/kg | |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ND | 10 | 1.3 | ug/kg | |
| 124-48-1 | Dibromochloromethane | ND | 5.0 | 0.24 | ug/kg | |
| 106-93-4 | 1,2-Dibromoethane | ND | 1.0 | 0.55 | ug/kg | |
| 95-50-1 | 1,2-Dichlorobenzene | ND | 5.0 | 0.34 | ug/kg | |
| 541-73-1 | 1,3-Dichlorobenzene | ND | 5.0 | 0.22 | ug/kg | |
| 106-46-7 | 1,4-Dichlorobenzene | ND | 5.0 | 0.25 | ug/kg | |
| 75-71-8 | Dichlorodifluoromethane | ND | 5.0 | 0.35 | ug/kg | |
| 75-34-3 | 1,1-Dichloroethane | ND | 5.0 | 0.31 | ug/kg | |
| 107-06-2 | 1,2-Dichloroethane | ND | 1.0 | 0.32 | ug/kg | |
| 75-35-4 | 1,1-Dichloroethene | ND | 5.0 | 0.29 | ug/kg | |
| 156-59-2 | cis-1,2-Dichloroethene | ND | 5.0 | 0.21 | ug/kg | |
| 156-60-5 | trans-1,2-Dichloroethene | ND | 5.0 | 0.42 | ug/kg | |
| 78-87-5 | 1,2-Dichloropropane | ND | 5.0 | 0.44 | ug/kg | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 5.0 | 0.23 | ug/kg | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 5.0 | 0.27 | ug/kg | |
| 100-41-4 | Ethylbenzene | ND | 1.0 | 0.18 | ug/kg | |
| 76-13-1 | Freon 113 | ND | 5.0 | 0.44 | ug/kg | |
| 591-78-6 | 2-Hexanone | ND | 5.0 | 1.8 | ug/kg | |
| 98-82-8 | Isopropylbenzene | ND | 5.0 | 0.15 | ug/kg | |
| 79-20-9 | Methyl Acetate | ND | 5.0 | 1.7 | ug/kg | |
| 108-87-2 | Methylcyclohexane | ND | 5.0 | 0.16 | ug/kg | |
| 1634-04-4 | Methyl Tert Butyl Ether | ND | 1.0 | 0.34 | ug/kg | |

Method Blank Summary

Job Number: JB57522
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|------------|-----------|----|----------|-----|-----------|------------|------------------|
| VI7755-MB2 | I191984.D | 1 | 01/24/14 | SJM | n/a | n/a | VI7755 |

The QC reported here applies to the following samples:

Method: SW846 8260C

JB58216-4MS

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|----------------------------|--------|-----|------|-------|---|
| 108-10-1 | 4-Methyl-2-pentanone(MIBK) | ND | 5.0 | 1.3 | ug/kg | |
| 75-09-2 | Methylene chloride | ND | 5.0 | 1.7 | ug/kg | |
| 100-42-5 | Styrene | ND | 5.0 | 0.23 | ug/kg | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 5.0 | 0.34 | ug/kg | |
| 127-18-4 | Tetrachloroethene | ND | 5.0 | 0.41 | ug/kg | |
| 108-88-3 | Toluene | ND | 1.0 | 0.14 | ug/kg | |
| 87-61-6 | 1,2,3-Trichlorobenzene | ND | 5.0 | 0.21 | ug/kg | |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | 5.0 | 0.18 | ug/kg | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 5.0 | 0.29 | ug/kg | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 5.0 | 0.82 | ug/kg | |
| 79-01-6 | Trichloroethene | ND | 5.0 | 0.35 | ug/kg | |
| 75-69-4 | Trichlorofluoromethane | ND | 5.0 | 0.23 | ug/kg | |
| 75-01-4 | Vinyl chloride | ND | 5.0 | 0.34 | ug/kg | |
| | m,p-Xylene | ND | 1.0 | 0.48 | ug/kg | |
| 95-47-6 | o-Xylene | ND | 1.0 | 0.18 | ug/kg | |
| 1330-20-7 | Xylene (total) | ND | 1.0 | 0.18 | ug/kg | |

| CAS No. | Surrogate Recoveries | Limits | |
|------------|-----------------------|--------|---------|
| 1868-53-7 | Dibromofluoromethane | 92% | 59-130% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 104% | 65-123% |
| 2037-26-5 | Toluene-D8 | 93% | 80-124% |
| 460-00-4 | 4-Bromofluorobenzene | 108% | 71-132% |

Blank Spike Summary

Job Number: JB57522
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| | | | | | | | |
|-----------|-----------|----|----------|-----|-----------|------------|------------------|
| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
| VI7746-BS | I191710.D | 1 | 01/15/14 | SJM | n/a | n/a | VI7746 |

The QC reported here applies to the following samples:

Method: SW846 8260C

JB57522-1, JB57522-2, JB57522-3, JB57522-4, JB57666-1

| CAS No. | Compound | Spike ug/kg | BSP ug/kg | BSP % | Limits |
|------------|-----------------------------|----------------|--------------|----------|--------|
| 67-64-1 | Acetone | 50 | 55.2 | 110 | 50-156 |
| 71-43-2 | Benzene | 50 | 50.9 | 102 | 77-121 |
| 74-97-5 | Bromochloromethane | 50 | 51.9 | 104 | 77-127 |
| 75-27-4 | Bromodichloromethane | 50 | 60.5 | 121 | 77-131 |
| 75-25-2 | Bromoform | 50 | 63.2 | 126 | 73-136 |
| 74-83-9 | Bromomethane | 50 | 57.6 | 115 | 61-144 |
| 78-93-3 | 2-Butanone (MEK) | 50 | 55.9 | 112 | 63-144 |
| 75-15-0 | Carbon disulfide | 50 | 48.3 | 97 | 68-131 |
| 56-23-5 | Carbon tetrachloride | 50 | 65.0 | 130 | 71-142 |
| 108-90-7 | Chlorobenzene | 50 | 53.7 | 107 | 77-118 |
| 75-00-3 | Chloroethane | 50 | 56.2 | 112 | 65-140 |
| 67-66-3 | Chloroform | 50 | 58.4 | 117 | 75-126 |
| 74-87-3 | Chloromethane | 50 | 52.4 | 105 | 58-143 |
| 110-82-7 | Cyclohexane | 50 | 48.4 | 97 | 68-133 |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | 50 | 56.5 | 113 | 66-136 |
| 124-48-1 | Dibromochloromethane | 50 | 62.0 | 124 | 75-129 |
| 106-93-4 | 1,2-Dibromoethane | 50 | 58.6 | 117 | 77-125 |
| 95-50-1 | 1,2-Dichlorobenzene | 50 | 53.6 | 107 | 76-117 |
| 541-73-1 | 1,3-Dichlorobenzene | 50 | 51.2 | 102 | 75-118 |
| 106-46-7 | 1,4-Dichlorobenzene | 50 | 50.4 | 101 | 73-116 |
| 75-71-8 | Dichlorodifluoromethane | 50 | 81.1 | 162* a | 43-137 |
| 75-34-3 | 1,1-Dichloroethane | 50 | 55.5 | 111 | 76-130 |
| 107-06-2 | 1,2-Dichloroethane | 50 | 71.7 | 143* a | 68-139 |
| 75-35-4 | 1,1-Dichloroethene | 50 | 55.4 | 111 | 71-130 |
| 156-59-2 | cis-1,2-Dichloroethene | 50 | 47.0 | 94 | 74-123 |
| 156-60-5 | trans-1,2-Dichloroethene | 50 | 47.2 | 94 | 73-124 |
| 78-87-5 | 1,2-Dichloropropane | 50 | 52.5 | 105 | 76-126 |
| 10061-01-5 | cis-1,3-Dichloropropene | 50 | 47.9 | 96 | 73-120 |
| 10061-02-6 | trans-1,3-Dichloropropene | 50 | 52.5 | 105 | 74-129 |
| 100-41-4 | Ethylbenzene | 50 | 53.2 | 106 | 75-119 |
| 76-13-1 | Freon 113 | 50 | 59.5 | 119 | 60-137 |
| 591-78-6 | 2-Hexanone | 50 | 54.1 | 108 | 65-139 |
| 98-82-8 | Isopropylbenzene | 50 | 53.2 | 106 | 72-123 |
| 79-20-9 | Methyl Acetate | 50 | 56.3 | 113 | 42-154 |
| 108-87-2 | Methylcyclohexane | 50 | 48.5 | 97 | 62-132 |
| 1634-04-4 | Methyl Tert Butyl Ether | 100 | 113 | 113 | 69-127 |

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JB57522
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| | | | | | | | |
|-----------|-----------|----|----------|-----|-----------|------------|------------------|
| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
| VI7746-BS | I191710.D | 1 | 01/15/14 | SJM | n/a | n/a | VI7746 |

The QC reported here applies to the following samples:

Method: SW846 8260C

JB57522-1, JB57522-2, JB57522-3, JB57522-4, JB57666-1

| CAS No. | Compound | Spike ug/kg | BSP ug/kg | BSP % | Limits |
|-----------|----------------------------|----------------|--------------|----------|--------|
| 108-10-1 | 4-Methyl-2-pentanone(MIBK) | 50 | 56.8 | 114 | 70-136 |
| 75-09-2 | Methylene chloride | 50 | 49.3 | 99 | 67-128 |
| 100-42-5 | Styrene | 50 | 51.7 | 103 | 76-120 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 50 | 53.1 | 106 | 66-124 |
| 127-18-4 | Tetrachloroethene | 50 | 54.3 | 109 | 71-130 |
| 108-88-3 | Toluene | 50 | 50.2 | 100 | 76-119 |
| 87-61-6 | 1,2,3-Trichlorobenzene | 50 | 55.2 | 110 | 67-134 |
| 120-82-1 | 1,2,4-Trichlorobenzene | 50 | 52.1 | 104 | 70-135 |
| 71-55-6 | 1,1,1-Trichloroethane | 50 | 62.6 | 125 | 75-132 |
| 79-00-5 | 1,1,2-Trichloroethane | 50 | 53.5 | 107 | 77-127 |
| 79-01-6 | Trichloroethene | 50 | 55.2 | 110 | 81-125 |
| 75-69-4 | Trichlorofluoromethane | 50 | 62.7 | 125 | 60-142 |
| 75-01-4 | Vinyl chloride | 50 | 51.5 | 103 | 57-130 |
| | m,p-Xylene | 100 | 106 | 106 | 76-119 |
| 95-47-6 | o-Xylene | 50 | 52.4 | 105 | 75-119 |
| 1330-20-7 | Xylene (total) | 150 | 158 | 105 | 76-118 |

| CAS No. | Surrogate Recoveries | BSP | Limits |
|------------|-----------------------|------|---------|
| 1868-53-7 | Dibromofluoromethane | 96% | 59-130% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 103% | 65-123% |
| 2037-26-5 | Toluene-D8 | 90% | 80-124% |
| 460-00-4 | 4-Bromofluorobenzene | 95% | 71-132% |

(a) High percent recoveries and no associated positive found in the QC batch.

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JB57522
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| | | | | | | | |
|-----------|-----------|----|----------|-----|-----------|------------|------------------|
| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
| VC6818-BS | C187799.D | 1 | 01/15/14 | TDN | n/a | n/a | VC6818 |

The QC reported here applies to the following samples:

Method: SW846 8260C

JB57522-5

| CAS No. | Compound | Spike ug/l | BSP ug/l | BSP % | Limits |
|------------|-----------------------------|---------------|-------------|----------|--------|
| 67-64-1 | Acetone | 50 | 89.2 | 178* a | 49-153 |
| 71-43-2 | Benzene | 50 | 52.3 | 105 | 80-119 |
| 74-97-5 | Bromochloromethane | 50 | 55.0 | 110 | 84-123 |
| 75-27-4 | Bromodichloromethane | 50 | 51.1 | 102 | 83-127 |
| 75-25-2 | Bromoform | 50 | 45.7 | 91 | 71-133 |
| 74-83-9 | Bromomethane | 50 | 50.2 | 100 | 62-143 |
| 78-93-3 | 2-Butanone (MEK) | 50 | 61.8 | 124 | 64-136 |
| 75-15-0 | Carbon disulfide | 50 | 54.9 | 110 | 71-127 |
| 56-23-5 | Carbon tetrachloride | 50 | 54.9 | 110 | 78-138 |
| 108-90-7 | Chlorobenzene | 50 | 48.4 | 97 | 83-118 |
| 75-00-3 | Chloroethane | 50 | 53.9 | 108 | 67-143 |
| 67-66-3 | Chloroform | 50 | 53.8 | 108 | 81-124 |
| 74-87-3 | Chloromethane | 50 | 48.5 | 97 | 56-146 |
| 110-82-7 | Cyclohexane | 50 | 54.3 | 109 | 69-134 |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | 50 | 50.4 | 101 | 63-137 |
| 124-48-1 | Dibromochloromethane | 50 | 49.8 | 100 | 79-125 |
| 106-93-4 | 1,2-Dibromoethane | 50 | 45.1 | 90 | 79-122 |
| 95-50-1 | 1,2-Dichlorobenzene | 50 | 49.8 | 100 | 81-120 |
| 541-73-1 | 1,3-Dichlorobenzene | 50 | 48.7 | 97 | 81-120 |
| 106-46-7 | 1,4-Dichlorobenzene | 50 | 48.2 | 96 | 81-117 |
| 75-71-8 | Dichlorodifluoromethane | 50 | 50.6 | 101 | 43-143 |
| 75-34-3 | 1,1-Dichloroethane | 50 | 55.0 | 110 | 80-129 |
| 107-06-2 | 1,2-Dichloroethane | 50 | 52.5 | 105 | 75-133 |
| 75-35-4 | 1,1-Dichloroethene | 50 | 54.9 | 110 | 74-127 |
| 156-59-2 | cis-1,2-Dichloroethene | 50 | 48.5 | 97 | 79-123 |
| 156-60-5 | trans-1,2-Dichloroethene | 50 | 48.2 | 96 | 75-123 |
| 78-87-5 | 1,2-Dichloropropane | 50 | 52.0 | 104 | 80-125 |
| 10061-01-5 | cis-1,3-Dichloropropene | 50 | 44.6 | 89 | 76-118 |
| 10061-02-6 | trans-1,3-Dichloropropene | 50 | 42.6 | 85 | 79-123 |
| 100-41-4 | Ethylbenzene | 50 | 48.1 | 96 | 82-119 |
| 76-13-1 | Freon 113 | 50 | 63.7 | 127 | 58-140 |
| 591-78-6 | 2-Hexanone | 50 | 40.5 | 81 | 60-136 |
| 98-82-8 | Isopropylbenzene | 50 | 53.3 | 107 | 77-127 |
| 79-20-9 | Methyl Acetate | 50 | 48.6 | 97 | 37-156 |
| 108-87-2 | Methylcyclohexane | 50 | 56.3 | 113 | 63-136 |
| 1634-04-4 | Methyl Tert Butyl Ether | 100 | 103 | 103 | 75-122 |

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JB57522
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| | | | | | | | |
|-----------|-----------|----|----------|-----|-----------|------------|------------------|
| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
| VC6818-BS | C187799.D | 1 | 01/15/14 | TDN | n/a | n/a | VC6818 |

The QC reported here applies to the following samples:

Method: SW846 8260C

JB57522-5

| CAS No. | Compound | Spike ug/l | BSP ug/l | BSP % | Limits |
|-----------|----------------------------|------------|----------|-------|--------|
| 108-10-1 | 4-Methyl-2-pentanone(MIBK) | 50 | 44.7 | 89 | 67-133 |
| 75-09-2 | Methylene chloride | 50 | 53.6 | 107 | 74-123 |
| 100-42-5 | Styrene | 50 | 47.1 | 94 | 80-120 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 50 | 43.9 | 88 | 69-125 |
| 127-18-4 | Tetrachloroethene | 50 | 52.9 | 106 | 73-134 |
| 108-88-3 | Toluene | 50 | 48.0 | 96 | 82-120 |
| 87-61-6 | 1,2,3-Trichlorobenzene | 50 | 55.7 | 111 | 63-138 |
| 120-82-1 | 1,2,4-Trichlorobenzene | 50 | 55.8 | 112 | 74-136 |
| 71-55-6 | 1,1,1-Trichloroethane | 50 | 55.9 | 112 | 80-131 |
| 79-00-5 | 1,1,2-Trichloroethane | 50 | 43.3 | 87 | 79-124 |
| 79-01-6 | Trichloroethene | 50 | 52.7 | 105 | 84-126 |
| 75-69-4 | Trichlorofluoromethane | 50 | 55.3 | 111 | 67-145 |
| 75-01-4 | Vinyl chloride | 50 | 51.3 | 103 | 57-132 |
| | m,p-Xylene | 100 | 100 | 100 | 81-119 |
| 95-47-6 | o-Xylene | 50 | 51.3 | 103 | 82-120 |
| 1330-20-7 | Xylene (total) | 150 | 151 | 101 | 82-119 |

| CAS No. | Surrogate Recoveries | BSP | Limits |
|------------|-----------------------|------|---------|
| 1868-53-7 | Dibromofluoromethane | 103% | 79-117% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 100% | 72-123% |
| 2037-26-5 | Toluene-D8 | 97% | 82-118% |
| 460-00-4 | 4-Bromofluorobenzene | 95% | 75-118% |

(a) High percent recoveries and no associated positive reported in the QC batch.

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JB57522
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| | | | | | | | |
|-----------|-----------|----|----------|-----|-----------|------------|------------------|
| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
| VI7747-BS | I191744.D | 1 | 01/16/14 | SJM | n/a | n/a | VI7747 |

The QC reported here applies to the following samples:

Method: SW846 8260C

JB57666-2, JB57834-1, JB57834-2, JB57834-3, JB57834-4, JB57834-5

| CAS No. | Compound | Spike ug/kg | BSP ug/kg | BSP % | Limits |
|------------|-----------------------------|----------------|--------------|----------|--------|
| 67-64-1 | Acetone | 50 | 42.6 | 85 | 50-156 |
| 71-43-2 | Benzene | 50 | 45.3 | 91 | 77-121 |
| 74-97-5 | Bromochloromethane | 50 | 45.5 | 91 | 77-127 |
| 75-27-4 | Bromodichloromethane | 50 | 54.8 | 110 | 77-131 |
| 75-25-2 | Bromoform | 50 | 54.3 | 109 | 73-136 |
| 74-83-9 | Bromomethane | 50 | 46.5 | 93 | 61-144 |
| 78-93-3 | 2-Butanone (MEK) | 50 | 45.0 | 90 | 63-144 |
| 75-15-0 | Carbon disulfide | 50 | 43.0 | 86 | 68-131 |
| 56-23-5 | Carbon tetrachloride | 50 | 57.3 | 115 | 71-142 |
| 108-90-7 | Chlorobenzene | 50 | 49.9 | 100 | 77-118 |
| 75-00-3 | Chloroethane | 50 | 46.3 | 93 | 65-140 |
| 67-66-3 | Chloroform | 50 | 52.2 | 104 | 75-126 |
| 74-87-3 | Chloromethane | 50 | 42.2 | 84 | 58-143 |
| 110-82-7 | Cyclohexane | 50 | 42.2 | 84 | 68-133 |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | 50 | 48.4 | 97 | 66-136 |
| 124-48-1 | Dibromochloromethane | 50 | 55.2 | 110 | 75-129 |
| 106-93-4 | 1,2-Dibromoethane | 50 | 51.4 | 103 | 77-125 |
| 95-50-1 | 1,2-Dichlorobenzene | 50 | 50.1 | 100 | 76-117 |
| 541-73-1 | 1,3-Dichlorobenzene | 50 | 48.8 | 98 | 75-118 |
| 106-46-7 | 1,4-Dichlorobenzene | 50 | 48.3 | 97 | 73-116 |
| 75-71-8 | Dichlorodifluoromethane | 50 | 69.4 | 139* a | 43-137 |
| 75-34-3 | 1,1-Dichloroethane | 50 | 49.0 | 98 | 76-130 |
| 107-06-2 | 1,2-Dichloroethane | 50 | 63.8 | 128 | 68-139 |
| 75-35-4 | 1,1-Dichloroethene | 50 | 49.5 | 99 | 71-130 |
| 156-59-2 | cis-1,2-Dichloroethene | 50 | 41.5 | 83 | 74-123 |
| 156-60-5 | trans-1,2-Dichloroethene | 50 | 41.4 | 83 | 73-124 |
| 78-87-5 | 1,2-Dichloropropane | 50 | 47.0 | 94 | 76-126 |
| 10061-01-5 | cis-1,3-Dichloropropene | 50 | 44.3 | 89 | 73-120 |
| 10061-02-6 | trans-1,3-Dichloropropene | 50 | 47.8 | 96 | 74-129 |
| 100-41-4 | Ethylbenzene | 50 | 49.7 | 99 | 75-119 |
| 76-13-1 | Freon 113 | 50 | 50.3 | 101 | 60-137 |
| 591-78-6 | 2-Hexanone | 50 | 43.3 | 87 | 65-139 |
| 98-82-8 | Isopropylbenzene | 50 | 52.0 | 104 | 72-123 |
| 79-20-9 | Methyl Acetate | 50 | 42.6 | 85 | 42-154 |
| 108-87-2 | Methylcyclohexane | 50 | 41.4 | 83 | 62-132 |
| 1634-04-4 | Methyl Tert Butyl Ether | 100 | 90.7 | 91 | 69-127 |

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JB57522
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| | | | | | | | |
|-----------|-----------|----|----------|-----|-----------|------------|------------------|
| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
| VI7747-BS | I191744.D | 1 | 01/16/14 | SJM | n/a | n/a | VI7747 |

The QC reported here applies to the following samples:

Method: SW846 8260C

JB57666-2, JB57834-1, JB57834-2, JB57834-3, JB57834-4, JB57834-5

| CAS No. | Compound | Spike ug/kg | BSP ug/kg | BSP % | Limits |
|-----------|----------------------------|----------------|--------------|----------|--------|
| 108-10-1 | 4-Methyl-2-pentanone(MIBK) | 50 | 44.6 | 89 | 70-136 |
| 75-09-2 | Methylene chloride | 50 | 42.8 | 86 | 67-128 |
| 100-42-5 | Styrene | 50 | 48.1 | 96 | 76-120 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 50 | 47.0 | 94 | 66-124 |
| 127-18-4 | Tetrachloroethene | 50 | 52.1 | 104 | 71-130 |
| 108-88-3 | Toluene | 50 | 45.7 | 91 | 76-119 |
| 87-61-6 | 1,2,3-Trichlorobenzene | 50 | 52.0 | 104 | 67-134 |
| 120-82-1 | 1,2,4-Trichlorobenzene | 50 | 49.3 | 99 | 70-135 |
| 71-55-6 | 1,1,1-Trichloroethane | 50 | 54.8 | 110 | 75-132 |
| 79-00-5 | 1,1,2-Trichloroethane | 50 | 46.5 | 93 | 77-127 |
| 79-01-6 | Trichloroethene | 50 | 50.2 | 100 | 81-125 |
| 75-69-4 | Trichlorofluoromethane | 50 | 50.8 | 102 | 60-142 |
| 75-01-4 | Vinyl chloride | 50 | 41.7 | 83 | 57-130 |
| | m,p-Xylene | 100 | 98.2 | 98 | 76-119 |
| 95-47-6 | o-Xylene | 50 | 48.5 | 97 | 75-119 |
| 1330-20-7 | Xylene (total) | 150 | 147 | 98 | 76-118 |

| CAS No. | Surrogate Recoveries | BSP | Limits |
|------------|-----------------------|------|---------|
| 1868-53-7 | Dibromofluoromethane | 93% | 59-130% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 103% | 65-123% |
| 2037-26-5 | Toluene-D8 | 92% | 80-124% |
| 460-00-4 | 4-Bromofluorobenzene | 97% | 71-132% |

(a) High percent recoveries and no associated positive found in the QC batch.

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JB57522
Account: AKRFNYNY AKRF
Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-----------|-----------|----|----------|-----|-----------|------------|------------------|
| VC6829-BS | C188103.D | 1 | 01/22/14 | TDN | n/a | n/a | VC6829 |

The QC reported here applies to the following samples:

Method: SW846 8260C

JB58216-5

| CAS No. | Compound | Spike ug/l | BSP ug/l | BSP % | Limits |
|------------|-----------------------------|---------------|-------------|----------|--------|
| 67-64-1 | Acetone | 50 | 55.0 | 110 | 49-153 |
| 71-43-2 | Benzene | 50 | 50.3 | 101 | 80-119 |
| 74-97-5 | Bromochloromethane | 50 | 53.5 | 107 | 84-123 |
| 75-27-4 | Bromodichloromethane | 50 | 48.8 | 98 | 83-127 |
| 75-25-2 | Bromoform | 50 | 42.5 | 85 | 71-133 |
| 74-83-9 | Bromomethane | 50 | 50.0 | 100 | 62-143 |
| 78-93-3 | 2-Butanone (MEK) | 50 | 49.9 | 100 | 64-136 |
| 75-15-0 | Carbon disulfide | 50 | 50.3 | 101 | 71-127 |
| 56-23-5 | Carbon tetrachloride | 50 | 53.0 | 106 | 78-138 |
| 108-90-7 | Chlorobenzene | 50 | 47.5 | 95 | 83-118 |
| 75-00-3 | Chloroethane | 50 | 55.5 | 111 | 67-143 |
| 67-66-3 | Chloroform | 50 | 51.5 | 103 | 81-124 |
| 74-87-3 | Chloromethane | 50 | 51.5 | 103 | 56-146 |
| 110-82-7 | Cyclohexane | 50 | 52.6 | 105 | 69-134 |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | 50 | 45.8 | 92 | 63-137 |
| 124-48-1 | Dibromochloromethane | 50 | 46.8 | 94 | 79-125 |
| 106-93-4 | 1,2-Dibromoethane | 50 | 45.6 | 91 | 79-122 |
| 95-50-1 | 1,2-Dichlorobenzene | 50 | 47.3 | 95 | 81-120 |
| 541-73-1 | 1,3-Dichlorobenzene | 50 | 47.4 | 95 | 81-120 |
| 106-46-7 | 1,4-Dichlorobenzene | 50 | 46.8 | 94 | 81-117 |
| 75-71-8 | Dichlorodifluoromethane | 50 | 56.5 | 113 | 43-143 |
| 75-34-3 | 1,1-Dichloroethane | 50 | 51.7 | 103 | 80-129 |
| 107-06-2 | 1,2-Dichloroethane | 50 | 49.8 | 100 | 75-133 |
| 75-35-4 | 1,1-Dichloroethene | 50 | 51.2 | 102 | 74-127 |
| 156-59-2 | cis-1,2-Dichloroethene | 50 | 47.3 | 95 | 79-123 |
| 156-60-5 | trans-1,2-Dichloroethene | 50 | 45.5 | 91 | 75-123 |
| 78-87-5 | 1,2-Dichloropropane | 50 | 50.0 | 100 | 80-125 |
| 10061-01-5 | cis-1,3-Dichloropropene | 50 | 43.8 | 88 | 76-118 |
| 10061-02-6 | trans-1,3-Dichloropropene | 50 | 43.7 | 87 | 79-123 |
| 100-41-4 | Ethylbenzene | 50 | 46.4 | 93 | 82-119 |
| 76-13-1 | Freon 113 | 50 | 55.6 | 111 | 58-140 |
| 591-78-6 | 2-Hexanone | 50 | 41.7 | 83 | 60-136 |
| 98-82-8 | Isopropylbenzene | 50 | 50.0 | 100 | 77-127 |
| 79-20-9 | Methyl Acetate | 50 | 43.1 | 86 | 37-156 |
| 108-87-2 | Methylcyclohexane | 50 | 49.4 | 99 | 63-136 |
| 1634-04-4 | Methyl Tert Butyl Ether | 100 | 95.1 | 95 | 75-122 |

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JB57522
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| | | | | | | | |
|-----------|-----------|----|----------|-----|-----------|------------|------------------|
| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
| VC6829-BS | C188103.D | 1 | 01/22/14 | TDN | n/a | n/a | VC6829 |

The QC reported here applies to the following samples:

Method: SW846 8260C

JB58216-5

| CAS No. | Compound | Spike ug/l | BSP ug/l | BSP % | Limits |
|-----------|----------------------------|------------|----------|-------|--------|
| 108-10-1 | 4-Methyl-2-pentanone(MIBK) | 50 | 44.6 | 89 | 67-133 |
| 75-09-2 | Methylene chloride | 50 | 50.8 | 102 | 74-123 |
| 100-42-5 | Styrene | 50 | 46.5 | 93 | 80-120 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 50 | 43.1 | 86 | 69-125 |
| 127-18-4 | Tetrachloroethene | 50 | 51.0 | 102 | 73-134 |
| 108-88-3 | Toluene | 50 | 48.5 | 97 | 82-120 |
| 87-61-6 | 1,2,3-Trichlorobenzene | 50 | 48.9 | 98 | 63-138 |
| 120-82-1 | 1,2,4-Trichlorobenzene | 50 | 49.5 | 99 | 74-136 |
| 71-55-6 | 1,1,1-Trichloroethane | 50 | 53.2 | 106 | 80-131 |
| 79-00-5 | 1,1,2-Trichloroethane | 50 | 45.2 | 90 | 79-124 |
| 79-01-6 | Trichloroethene | 50 | 51.2 | 102 | 84-126 |
| 75-69-4 | Trichlorofluoromethane | 50 | 55.4 | 111 | 67-145 |
| 75-01-4 | Vinyl chloride | 50 | 53.8 | 108 | 57-132 |
| | m,p-Xylene | 100 | 96.8 | 97 | 81-119 |
| 95-47-6 | o-Xylene | 50 | 48.0 | 96 | 82-120 |
| 1330-20-7 | Xylene (total) | 150 | 145 | 97 | 82-119 |

| CAS No. | Surrogate Recoveries | BSP | Limits |
|------------|-----------------------|------|---------|
| 1868-53-7 | Dibromofluoromethane | 101% | 79-117% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 97% | 72-123% |
| 2037-26-5 | Toluene-D8 | 100% | 82-118% |
| 460-00-4 | 4-Bromofluorobenzene | 97% | 75-118% |

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JB57522
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| | | | | | | | |
|-----------|-----------|----|----------|-----|-----------|------------|------------------|
| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
| VI7755-BS | I191964.D | 1 | 01/23/14 | SJM | n/a | n/a | VI7755 |

The QC reported here applies to the following samples:

Method: SW846 8260C

JB58123-3, JB58123-4, JB58123-5, JB58123-6, JB58123-7, JB58123-8, JB58216-1, JB58216-2, JB58216-3, JB58216-4

| CAS No. | Compound | Spike ug/kg | BSP ug/kg | BSP % | Limits |
|------------|-----------------------------|----------------|--------------|----------|--------|
| 67-64-1 | Acetone | 50 | 45.2 | 90 | 50-156 |
| 71-43-2 | Benzene | 50 | 51.5 | 103 | 77-121 |
| 74-97-5 | Bromochloromethane | 50 | 49.5 | 99 | 77-127 |
| 75-27-4 | Bromodichloromethane | 50 | 58.1 | 116 | 77-131 |
| 75-25-2 | Bromoform | 50 | 52.4 | 105 | 73-136 |
| 74-83-9 | Bromomethane | 50 | 61.7 | 123 | 61-144 |
| 78-93-3 | 2-Butanone (MEK) | 50 | 47.2 | 94 | 63-144 |
| 75-15-0 | Carbon disulfide | 50 | 52.5 | 105 | 68-131 |
| 56-23-5 | Carbon tetrachloride | 50 | 57.4 | 115 | 71-142 |
| 108-90-7 | Chlorobenzene | 50 | 50.4 | 101 | 77-118 |
| 75-00-3 | Chloroethane | 50 | 57.1 | 114 | 65-140 |
| 67-66-3 | Chloroform | 50 | 58.3 | 117 | 75-126 |
| 74-87-3 | Chloromethane | 50 | 53.8 | 108 | 58-143 |
| 110-82-7 | Cyclohexane | 50 | 49.7 | 99 | 68-133 |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | 50 | 46.2 | 92 | 66-136 |
| 124-48-1 | Dibromochloromethane | 50 | 54.1 | 108 | 75-129 |
| 106-93-4 | 1,2-Dibromoethane | 50 | 52.1 | 104 | 77-125 |
| 95-50-1 | 1,2-Dichlorobenzene | 50 | 53.6 | 107 | 76-117 |
| 541-73-1 | 1,3-Dichlorobenzene | 50 | 53.0 | 106 | 75-118 |
| 106-46-7 | 1,4-Dichlorobenzene | 50 | 51.7 | 103 | 73-116 |
| 75-71-8 | Dichlorodifluoromethane | 50 | 70.5 | 141* a | 43-137 |
| 75-34-3 | 1,1-Dichloroethane | 50 | 55.6 | 111 | 76-130 |
| 107-06-2 | 1,2-Dichloroethane | 50 | 63.0 | 126 | 68-139 |
| 75-35-4 | 1,1-Dichloroethene | 50 | 56.9 | 114 | 71-130 |
| 156-59-2 | cis-1,2-Dichloroethene | 50 | 48.4 | 97 | 74-123 |
| 156-60-5 | trans-1,2-Dichloroethene | 50 | 49.7 | 99 | 73-124 |
| 78-87-5 | 1,2-Dichloropropane | 50 | 51.0 | 102 | 76-126 |
| 10061-01-5 | cis-1,3-Dichloropropene | 50 | 49.4 | 99 | 73-120 |
| 10061-02-6 | trans-1,3-Dichloropropene | 50 | 49.0 | 98 | 74-129 |
| 100-41-4 | Ethylbenzene | 50 | 53.6 | 107 | 75-119 |
| 76-13-1 | Freon 113 | 50 | 51.0 | 102 | 60-137 |
| 591-78-6 | 2-Hexanone | 50 | 46.1 | 92 | 65-139 |
| 98-82-8 | Isopropylbenzene | 50 | 56.4 | 113 | 72-123 |
| 79-20-9 | Methyl Acetate | 50 | 44.0 | 88 | 42-154 |
| 108-87-2 | Methylcyclohexane | 50 | 39.5 | 79 | 62-132 |
| 1634-04-4 | Methyl Tert Butyl Ether | 100 | 99.5 | 100 | 69-127 |

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JB57522
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| | | | | | | | |
|-----------|-----------|----|----------|-----|-----------|------------|------------------|
| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
| VI7755-BS | I191964.D | 1 | 01/23/14 | SJM | n/a | n/a | VI7755 |

The QC reported here applies to the following samples: Method: SW846 8260C

JB58123-3, JB58123-4, JB58123-5, JB58123-6, JB58123-7, JB58123-8, JB58216-1, JB58216-2, JB58216-3, JB58216-4

| CAS No. | Compound | Spike ug/kg | BSP ug/kg | BSP % | Limits |
|-----------|----------------------------|-------------|-----------|-------|--------|
| 108-10-1 | 4-Methyl-2-pentanone(MIBK) | 50 | 49.1 | 98 | 70-136 |
| 75-09-2 | Methylene chloride | 50 | 51.2 | 102 | 67-128 |
| 100-42-5 | Styrene | 50 | 51.2 | 102 | 76-120 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 50 | 53.5 | 107 | 66-124 |
| 127-18-4 | Tetrachloroethene | 50 | 52.2 | 104 | 71-130 |
| 108-88-3 | Toluene | 50 | 51.3 | 103 | 76-119 |
| 87-61-6 | 1,2,3-Trichlorobenzene | 50 | 49.6 | 99 | 67-134 |
| 120-82-1 | 1,2,4-Trichlorobenzene | 50 | 48.5 | 97 | 70-135 |
| 71-55-6 | 1,1,1-Trichloroethane | 50 | 59.8 | 120 | 75-132 |
| 79-00-5 | 1,1,2-Trichloroethane | 50 | 50.0 | 100 | 77-127 |
| 79-01-6 | Trichloroethene | 50 | 54.7 | 109 | 81-125 |
| 75-69-4 | Trichlorofluoromethane | 50 | 59.6 | 119 | 60-142 |
| 75-01-4 | Vinyl chloride | 50 | 55.9 | 112 | 57-130 |
| | m,p-Xylene | 100 | 102 | 102 | 76-119 |
| 95-47-6 | o-Xylene | 50 | 51.4 | 103 | 75-119 |
| 1330-20-7 | Xylene (total) | 150 | 154 | 103 | 76-118 |

| CAS No. | Surrogate Recoveries | BSP | Limits |
|------------|-----------------------|------|---------|
| 1868-53-7 | Dibromofluoromethane | 104% | 59-130% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 103% | 65-123% |
| 2037-26-5 | Toluene-D8 | 92% | 80-124% |
| 460-00-4 | 4-Bromofluorobenzene | 88% | 71-132% |

(a) High percent recoveries and no associated positive found in the QC batch.

* = Outside of Control Limits.

Matrix Spike Summary

Job Number: JB57522
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------------|-----------|----|----------|-----|-----------|------------|------------------|
| JB57463-15MS | I191726.D | 1 | 01/15/14 | SJM | n/a | n/a | VI7746 |
| JB57463-15 | I191713.D | 1 | 01/15/14 | SJM | n/a | n/a | VI7746 |

The QC reported here applies to the following samples:

Method: SW846 8260C

JB57522-1, JB57522-2, JB57522-3, JB57522-4, JB57666-1

| CAS No. | Compound | JB57463-15 ug/kg | Spike Q | MS ug/kg | MS % | Limits |
|------------|-----------------------------|---------------------|------------|-------------|---------|--------|
| 67-64-1 | Acetone | ND | 68.5 | 53.8 | 78 | 10-184 |
| 71-43-2 | Benzene | ND | 68.5 | 53.7 | 78 | 40-133 |
| 74-97-5 | Bromochloromethane | ND | 68.5 | 50.5 | 74 | 49-128 |
| 75-27-4 | Bromodichloromethane | ND | 68.5 | 62.3 | 91 | 42-135 |
| 75-25-2 | Bromoform | ND | 68.5 | 55.8 | 81 | 35-137 |
| 74-83-9 | Bromomethane | ND | 68.5 | 61.5 | 90 | 26-144 |
| 78-93-3 | 2-Butanone (MEK) | ND | 68.5 | 44.7 | 65 | 20-165 |
| 75-15-0 | Carbon disulfide | ND | 68.5 | 50.6 | 74 | 27-146 |
| 56-23-5 | Carbon tetrachloride | ND | 68.5 | 69.4 | 101 | 35-149 |
| 108-90-7 | Chlorobenzene | ND | 68.5 | 58.0 | 85 | 32-135 |
| 75-00-3 | Chloroethane | ND | 68.5 | 56.8 | 83 | 32-143 |
| 67-66-3 | Chloroform | ND | 68.5 | 59.9 | 87 | 46-132 |
| 74-87-3 | Chloromethane | ND | 68.5 | 53.8 | 78 | 35-140 |
| 110-82-7 | Cyclohexane | ND | 68.5 | 50.9 | 74 | 17-152 |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ND | 68.5 | 46.8 | 68 | 22-141 |
| 124-48-1 | Dibromochloromethane | ND | 68.5 | 59.8 | 87 | 41-133 |
| 106-93-4 | 1,2-Dibromoethane | ND | 68.5 | 53.2 | 78 | 42-130 |
| 95-50-1 | 1,2-Dichlorobenzene | ND | 68.5 | 58.2 | 85 | 20-138 |
| 541-73-1 | 1,3-Dichlorobenzene | ND | 68.5 | 58.7 | 86 | 18-140 |
| 106-46-7 | 1,4-Dichlorobenzene | ND | 68.5 | 56.7 | 83 | 18-139 |
| 75-71-8 | Dichlorodifluoromethane | ND | 68.5 | 74.9 | 109 | 23-158 |
| 75-34-3 | 1,1-Dichloroethane | ND | 68.5 | 57.0 | 83 | 45-136 |
| 107-06-2 | 1,2-Dichloroethane | ND | 68.5 | 68.0 | 99 | 46-132 |
| 75-35-4 | 1,1-Dichloroethene | ND | 68.5 | 58.9 | 86 | 33-147 |
| 156-59-2 | cis-1,2-Dichloroethene | ND | 68.5 | 48.4 | 71 | 40-132 |
| 156-60-5 | trans-1,2-Dichloroethene | ND | 68.5 | 50.5 | 74 | 37-136 |
| 78-87-5 | 1,2-Dichloropropane | ND | 68.5 | 53.0 | 77 | 45-132 |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 68.5 | 46.6 | 68 | 38-133 |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 68.5 | 46.1 | 67 | 35-134 |
| 100-41-4 | Ethylbenzene | ND | 68.5 | 59.7 | 87 | 27-139 |
| 76-13-1 | Freon 113 | ND | 68.5 | 62.9 | 92 | 24-153 |
| 591-78-6 | 2-Hexanone | ND | 68.5 | 39.9 | 58 | 20-157 |
| 98-82-8 | Isopropylbenzene | ND | 68.5 | 62.6 | 91 | 24-143 |
| 79-20-9 | Methyl Acetate | ND | 68.5 | 51.1 | 75 | 15-178 |
| 108-87-2 | Methylcyclohexane | ND | 68.5 | 52.2 | 76 | 10-153 |
| 1634-04-4 | Methyl Tert Butyl Ether | ND | 68.5 | 50.6 | 74 | 43-131 |

* = Outside of Control Limits.

Matrix Spike Summary

Job Number: JB57522
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------------|-----------|----|----------|-----|-----------|------------|------------------|
| JB57463-15MS | I191726.D | 1 | 01/15/14 | SJM | n/a | n/a | VI7746 |
| JB57463-15 | I191713.D | 1 | 01/15/14 | SJM | n/a | n/a | VI7746 |

The QC reported here applies to the following samples:

Method: SW846 8260C

JB57522-1, JB57522-2, JB57522-3, JB57522-4, JB57666-1

| CAS No. | Compound | JB57463-15 ug/kg | Spike Q | MS ug/kg | MS % | Limits |
|-----------|----------------------------|---------------------|------------|-------------|---------|--------|
| 108-10-1 | 4-Methyl-2-pentanone(MIBK) | ND | 68.5 | 43.6 | 64 | 34-138 |
| 75-09-2 | Methylene chloride | ND | 68.5 | 50.7 | 74 | 40-131 |
| 100-42-5 | Styrene | ND | 68.5 | 56.3 | 82 | 25-141 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 68.5 | 49.9 | 73 | 32-130 |
| 127-18-4 | Tetrachloroethene | ND | 68.5 | 70.3 | 103 | 16-182 |
| 108-88-3 | Toluene | ND | 68.5 | 54.7 | 80 | 32-137 |
| 87-61-6 | 1,2,3-Trichlorobenzene | ND | 68.5 | 53.3 | 78 | 10-157 |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | 68.5 | 53.1 | 77 | 10-158 |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 68.5 | 66.0 | 96 | 41-143 |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 68.5 | 48.8 | 71 | 37-134 |
| 79-01-6 | Trichloroethene | ND | 68.5 | 59.7 | 87 | 26-161 |
| 75-69-4 | Trichlorofluoromethane | ND | 68.5 | 69.4 | 101 | 25-160 |
| 75-01-4 | Vinyl chloride | ND | 68.5 | 56.8 | 83 | 36-144 |
| | m,p-Xylene | ND | 137 | 117 | 85 | 23-142 |
| 95-47-6 | o-Xylene | ND | 68.5 | 58.9 | 86 | 27-139 |
| 1330-20-7 | Xylene (total) | ND | 206 | 176 | 86 | 25-140 |

| CAS No. | Surrogate Recoveries | MS | JB57463-15 | Limits |
|------------|-----------------------|-----|------------|---------|
| 1868-53-7 | Dibromofluoromethane | 92% | 93% | 59-130% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 92% | 103% | 65-123% |
| 2037-26-5 | Toluene-D8 | 93% | 92% | 80-124% |
| 460-00-4 | 4-Bromofluorobenzene | 97% | 103% | 71-132% |

* = Outside of Control Limits.

Matrix Spike Summary

Job Number: JB57522
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|-----------|----|----------|-----|-----------|------------|------------------|
| JB57679-2MS | I191753.D | 1 | 01/16/14 | SJM | n/a | n/a | VI7747 |
| JB57679-2 | I191749.D | 1 | 01/16/14 | SJM | n/a | n/a | VI7747 |

The QC reported here applies to the following samples:

Method: SW846 8260C

JB57666-2, JB57834-1, JB57834-2, JB57834-3, JB57834-4, JB57834-5

| CAS No. | Compound | JB57679-2 ug/kg | Spike Q | ug/kg | MS ug/kg | MS % | Limits |
|------------|-----------------------------|--------------------|------------|-------|-------------|---------|--------|
| 67-64-1 | Acetone | 68.6 | | 69.7 | 84.1 | 22 | 10-184 |
| 71-43-2 | Benzene | ND | | 69.7 | 50.7 | 73 | 40-133 |
| 74-97-5 | Bromochloromethane | ND | | 69.7 | 37.1 | 53 | 49-128 |
| 75-27-4 | Bromodichloromethane | ND | | 69.7 | 49.6 | 71 | 42-135 |
| 75-25-2 | Bromoform | ND | | 69.7 | 36.3 | 52 | 35-137 |
| 74-83-9 | Bromomethane | ND | | 69.7 | 56.7 | 81 | 26-144 |
| 78-93-3 | 2-Butanone (MEK) | 11.7 | J | 69.7 | 50.8 | 56 | 20-165 |
| 75-15-0 | Carbon disulfide | 1.6 | J | 69.7 | 34.7 | 48 | 27-146 |
| 56-23-5 | Carbon tetrachloride | ND | | 69.7 | 66.9 | 96 | 35-149 |
| 108-90-7 | Chlorobenzene | ND | | 69.7 | 43.6 | 63 | 32-135 |
| 75-00-3 | Chloroethane | ND | | 69.7 | 56.0 | 80 | 32-143 |
| 67-66-3 | Chloroform | ND | | 69.7 | 53.4 | 77 | 46-132 |
| 74-87-3 | Chloromethane | ND | | 69.7 | 53.0 | 76 | 35-140 |
| 110-82-7 | Cyclohexane | 0.97 | J | 69.7 | 45.9 | 64 | 17-152 |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ND | | 69.7 | 29.4 | 42 | 22-141 |
| 124-48-1 | Dibromochloromethane | ND | | 69.7 | 44.7 | 64 | 41-133 |
| 106-93-4 | 1,2-Dibromoethane | ND | | 69.7 | 37.9 | 54 | 42-130 |
| 95-50-1 | 1,2-Dichlorobenzene | ND | | 69.7 | 29.9 | 43 | 20-138 |
| 541-73-1 | 1,3-Dichlorobenzene | ND | | 69.7 | 32.2 | 46 | 18-140 |
| 106-46-7 | 1,4-Dichlorobenzene | ND | | 69.7 | 29.6 | 42 | 18-139 |
| 75-71-8 | Dichlorodifluoromethane | ND | | 69.7 | 83.5 | 120 | 23-158 |
| 75-34-3 | 1,1-Dichloroethane | ND | | 69.7 | 54.7 | 79 | 45-136 |
| 107-06-2 | 1,2-Dichloroethane | ND | | 69.7 | 52.9 | 76 | 46-132 |
| 75-35-4 | 1,1-Dichloroethene | ND | | 69.7 | 58.5 | 84 | 33-147 |
| 156-59-2 | cis-1,2-Dichloroethene | ND | | 69.7 | 39.1 | 56 | 40-132 |
| 156-60-5 | trans-1,2-Dichloroethene | ND | | 69.7 | 40.6 | 58 | 37-136 |
| 78-87-5 | 1,2-Dichloropropane | ND | | 69.7 | 46.6 | 67 | 45-132 |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | | 69.7 | 39.0 | 56 | 38-133 |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | | 69.7 | 32.8 | 47 | 35-134 |
| 100-41-4 | Ethylbenzene | ND | | 69.7 | 48.8 | 70 | 27-139 |
| 76-13-1 | Freon 113 | ND | | 69.7 | 59.9 | 86 | 24-153 |
| 591-78-6 | 2-Hexanone | ND | | 69.7 | 39.0 | 56 | 20-157 |
| 98-82-8 | Isopropylbenzene | ND | | 69.7 | 53.0 | 76 | 24-143 |
| 79-20-9 | Methyl Acetate | ND | | 69.7 | 37.4 | 54 | 15-178 |
| 108-87-2 | Methylcyclohexane | 2.6 | J | 69.7 | 43.9 | 59 | 10-153 |
| 1634-04-4 | Methyl Tert Butyl Ether | ND | | 69.7 | 40.4 | 58 | 43-131 |

* = Outside of Control Limits.

Matrix Spike Summary

Job Number: JB57522
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|-----------|----|----------|-----|-----------|------------|------------------|
| JB57679-2MS | I191753.D | 1 | 01/16/14 | SJM | n/a | n/a | VI7747 |
| JB57679-2 | I191749.D | 1 | 01/16/14 | SJM | n/a | n/a | VI7747 |

The QC reported here applies to the following samples:

Method: SW846 8260C

JB57666-2, JB57834-1, JB57834-2, JB57834-3, JB57834-4, JB57834-5

| CAS No. | Compound | JB57679-2 ug/kg | Spike Q | MS ug/kg | MS % | Limits |
|-----------|----------------------------|--------------------|------------|-------------|---------|--------|
| 108-10-1 | 4-Methyl-2-pentanone(MIBK) | ND | 69.7 | 34.0 | 49 | 34-138 |
| 75-09-2 | Methylene chloride | ND | 69.7 | 40.3 | 58 | 40-131 |
| 100-42-5 | Styrene | ND | 69.7 | 37.0 | 53 | 25-141 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 69.7 | 40.4 | 58 | 32-130 |
| 127-18-4 | Tetrachloroethene | ND | 69.7 | 50.1 | 72 | 16-182 |
| 108-88-3 | Toluene | ND | 69.7 | 47.1 | 68 | 32-137 |
| 87-61-6 | 1,2,3-Trichlorobenzene | ND | 69.7 | 14.0 | 20 | 10-157 |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | 69.7 | 15.4 | 22 | 10-158 |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 69.7 | 64.6 | 93 | 41-143 |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 69.7 | 37.0 | 53 | 37-134 |
| 79-01-6 | Trichloroethene | ND | 69.7 | 50.1 | 72 | 26-161 |
| 75-69-4 | Trichlorofluoromethane | ND | 69.7 | 70.2 | 101 | 25-160 |
| 75-01-4 | Vinyl chloride | ND | 69.7 | 55.0 | 79 | 36-144 |
| | m,p-Xylene | ND | 139 | 93.3 | 67 | 23-142 |
| 95-47-6 | o-Xylene | ND | 69.7 | 45.7 | 66 | 27-139 |
| 1330-20-7 | Xylene (total) | ND | 209 | 139 | 66 | 25-140 |

| CAS No. | Surrogate Recoveries | MS | JB57679-2 | Limits |
|------------|-----------------------|------|-----------|---------|
| 1868-53-7 | Dibromofluoromethane | 82% | 94% | 59-130% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 81% | 103% | 65-123% |
| 2037-26-5 | Toluene-D8 | 99% | 93% | 80-124% |
| 460-00-4 | 4-Bromofluorobenzene | 107% | 103% | 71-132% |

* = Outside of Control Limits.

Matrix Spike Summary

Job Number: JB57522
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|-----------|----|----------|-----|-----------|------------|------------------|
| JB58216-4MS | I191986.D | 1 | 01/24/14 | SJM | n/a | n/a | VI7755 |
| JB58216-4 | I191972.D | 1 | 01/23/14 | SJM | n/a | n/a | VI7755 |

The QC reported here applies to the following samples:

Method: SW846 8260C

JB58123-3, JB58123-4, JB58123-5, JB58123-6, JB58123-7, JB58123-8, JB58216-1, JB58216-2, JB58216-3, JB58216-4

| CAS No. | Compound | JB58216-4 ug/kg | Spike Q | MS ug/kg | MS % | Limits |
|------------|-----------------------------|--------------------|------------|-------------|---------|--------|
| 67-64-1 | Acetone | ND | 51 | 31.6 | 62 | 10-184 |
| 71-43-2 | Benzene | ND | 51 | 36.5 | 72 | 40-133 |
| 74-97-5 | Bromochloromethane | ND | 51 | 31.5 | 62 | 49-128 |
| 75-27-4 | Bromodichloromethane | ND | 51 | 41.5 | 81 | 42-135 |
| 75-25-2 | Bromoform | ND | 51 | 35.8 | 70 | 35-137 |
| 74-83-9 | Bromomethane | ND | 51 | 40.6 | 80 | 26-144 |
| 78-93-3 | 2-Butanone (MEK) | ND | 51 | 28.3 | 55 | 20-165 |
| 75-15-0 | Carbon disulfide | ND | 51 | 36.5 | 72 | 27-146 |
| 56-23-5 | Carbon tetrachloride | ND | 51 | 43.9 | 86 | 35-149 |
| 108-90-7 | Chlorobenzene | ND | 51 | 38.1 | 75 | 32-135 |
| 75-00-3 | Chloroethane | ND | 51 | 37.8 | 74 | 32-143 |
| 67-66-3 | Chloroform | ND | 51 | 41.2 | 81 | 46-132 |
| 74-87-3 | Chloromethane | ND | 51 | 35.8 | 70 | 35-140 |
| 110-82-7 | Cyclohexane | ND | 51 | 33.9 | 66 | 17-152 |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ND | 51 | 31.3 | 61 | 22-141 |
| 124-48-1 | Dibromochloromethane | ND | 51 | 38.4 | 75 | 41-133 |
| 106-93-4 | 1,2-Dibromoethane | ND | 51 | 36.6 | 72 | 42-130 |
| 95-50-1 | 1,2-Dichlorobenzene | ND | 51 | 40.0 | 78 | 20-138 |
| 541-73-1 | 1,3-Dichlorobenzene | ND | 51 | 41.0 | 80 | 18-140 |
| 106-46-7 | 1,4-Dichlorobenzene | ND | 51 | 39.5 | 77 | 18-139 |
| 75-71-8 | Dichlorodifluoromethane | ND | 51 | 52.3 | 103 | 23-158 |
| 75-34-3 | 1,1-Dichloroethane | ND | 51 | 39.3 | 77 | 45-136 |
| 107-06-2 | 1,2-Dichloroethane | ND | 51 | 45.0 | 88 | 46-132 |
| 75-35-4 | 1,1-Dichloroethene | ND | 51 | 41.2 | 81 | 33-147 |
| 156-59-2 | cis-1,2-Dichloroethene | ND | 51 | 33.1 | 65 | 40-132 |
| 156-60-5 | trans-1,2-Dichloroethene | ND | 51 | 33.9 | 66 | 37-136 |
| 78-87-5 | 1,2-Dichloropropane | ND | 51 | 35.7 | 70 | 45-132 |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 51 | 35.3 | 69 | 38-133 |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 51 | 34.7 | 68 | 35-134 |
| 100-41-4 | Ethylbenzene | ND | 51 | 41.8 | 82 | 27-139 |
| 76-13-1 | Freon 113 | ND | 51 | 40.7 | 80 | 24-153 |
| 591-78-6 | 2-Hexanone | ND | 51 | 27.8 | 54 | 20-157 |
| 98-82-8 | Isopropylbenzene | ND | 51 | 45.0 | 88 | 24-143 |
| 79-20-9 | Methyl Acetate | ND | 51 | 32.8 | 64 | 15-178 |
| 108-87-2 | Methylcyclohexane | ND | 51 | 35.1 | 69 | 10-153 |
| 1634-04-4 | Methyl Tert Butyl Ether | ND | 51 | 34.3 | 67 | 43-131 |

* = Outside of Control Limits.

Matrix Spike Summary

Job Number: JB57522
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|-----------|----|----------|-----|-----------|------------|------------------|
| JB58216-4MS | I191986.D | 1 | 01/24/14 | SJM | n/a | n/a | VI7755 |
| JB58216-4 | I191972.D | 1 | 01/23/14 | SJM | n/a | n/a | VI7755 |

The QC reported here applies to the following samples: Method: SW846 8260C

JB58123-3, JB58123-4, JB58123-5, JB58123-6, JB58123-7, JB58123-8, JB58216-1, JB58216-2, JB58216-3, JB58216-4

| CAS No. | Compound | JB58216-4 ug/kg | Spike Q | MS ug/kg | MS % | Limits |
|-----------|----------------------------|--------------------|------------|-------------|---------|--------|
| 108-10-1 | 4-Methyl-2-pentanone(MIBK) | ND | 51 | 31.3 | 61 | 34-138 |
| 75-09-2 | Methylene chloride | ND | 51 | 33.8 | 66 | 40-131 |
| 100-42-5 | Styrene | ND | 51 | 38.1 | 75 | 25-141 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 51 | 38.0 | 74 | 32-130 |
| 127-18-4 | Tetrachloroethene | ND | 51 | 42.1 | 83 | 16-182 |
| 108-88-3 | Toluene | ND | 51 | 37.2 | 73 | 32-137 |
| 87-61-6 | 1,2,3-Trichlorobenzene | ND | 51 | 38.0 | 74 | 10-157 |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | 51 | 37.4 | 73 | 10-158 |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 51 | 44.9 | 88 | 41-143 |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 51 | 32.5 | 64 | 37-134 |
| 79-01-6 | Trichloroethene | ND | 51 | 39.9 | 78 | 26-161 |
| 75-69-4 | Trichlorofluoromethane | ND | 51 | 43.5 | 85 | 25-160 |
| 75-01-4 | Vinyl chloride | ND | 51 | 36.9 | 72 | 36-144 |
| | m,p-Xylene | ND | 102 | 78.4 | 77 | 23-142 |
| 95-47-6 | o-Xylene | ND | 51 | 39.1 | 77 | 27-139 |
| 1330-20-7 | Xylene (total) | ND | 153 | 117 | 76 | 25-140 |

| CAS No. | Surrogate Recoveries | MS | JB58216-4 | Limits |
|------------|-----------------------|------|-----------|---------|
| 1868-53-7 | Dibromofluoromethane | 89% | 99% | 59-130% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 91% | 97% | 65-123% |
| 2037-26-5 | Toluene-D8 | 94% | 94% | 80-124% |
| 460-00-4 | 4-Bromofluorobenzene | 105% | 97% | 71-132% |

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JB57522
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|---------------|-----------|----|----------|-----|-----------|------------|------------------|
| JB57521-24MS | C187806.D | 1 | 01/15/14 | TDN | n/a | n/a | VC6818 |
| JB57521-24MSD | C187807.D | 1 | 01/15/14 | TDN | n/a | n/a | VC6818 |
| JB57521-24 | C187801.D | 1 | 01/15/14 | TDN | n/a | n/a | VC6818 |

The QC reported here applies to the following samples:

Method: SW846 8260C

JB57522-5

| CAS No. | Compound | JB57521-24 ug/l | Spike Q | ug/l | MS ug/l | MS % | MSD ug/l | MSD % | RPD | Limits Rec/RPD |
|------------|-----------------------------|--------------------|------------|------|------------|---------|-------------|----------|-----------|-------------------|
| 67-64-1 | Acetone | ND | 50 | 52.7 | 105 | 53.6 | 107 | 2 | 45-157/19 | |
| 71-43-2 | Benzene | ND | 50 | 49.2 | 98 | 47.9 | 96 | 3 | 49-138/12 | |
| 74-97-5 | Bromochloromethane | ND | 50 | 51.5 | 103 | 50.3 | 101 | 2 | 75-130/12 | |
| 75-27-4 | Bromodichloromethane | ND | 50 | 48.8 | 98 | 48.2 | 96 | 1 | 73-132/13 | |
| 75-25-2 | Bromoform | ND | 50 | 46.9 | 94 | 46.5 | 93 | 1 | 61-138/13 | |
| 74-83-9 | Bromomethane | ND | 50 | 48.1 | 96 | 46.5 | 93 | 3 | 49-146/18 | |
| 78-93-3 | 2-Butanone (MEK) | ND | 50 | 49.3 | 99 | 51.4 | 103 | 4 | 58-144/14 | |
| 75-15-0 | Carbon disulfide | ND | 50 | 50.0 | 100 | 48.8 | 98 | 2 | 47-140/18 | |
| 56-23-5 | Carbon tetrachloride | ND | 50 | 51.2 | 102 | 51.0 | 102 | 0 | 57-147/16 | |
| 108-90-7 | Chlorobenzene | ND | 50 | 46.7 | 93 | 45.9 | 92 | 2 | 69-129/12 | |
| 75-00-3 | Chloroethane | ND | 50 | 51.0 | 102 | 49.5 | 99 | 3 | 52-145/17 | |
| 67-66-3 | Chloroform | ND | 50 | 49.5 | 99 | 48.0 | 96 | 3 | 68-131/13 | |
| 74-87-3 | Chloromethane | ND | 50 | 46.0 | 92 | 45.6 | 91 | 1 | 43-145/17 | |
| 110-82-7 | Cyclohexane | ND | 50 | 52.0 | 104 | 50.9 | 102 | 2 | 39-152/18 | |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ND | 50 | 46.9 | 94 | 47.6 | 95 | 1 | 58-143/14 | |
| 124-48-1 | Dibromochloromethane | ND | 50 | 47.8 | 96 | 47.2 | 94 | 1 | 71-131/12 | |
| 106-93-4 | 1,2-Dibromoethane | ND | 50 | 46.1 | 92 | 45.6 | 91 | 1 | 72-130/12 | |
| 95-50-1 | 1,2-Dichlorobenzene | ND | 50 | 46.7 | 93 | 45.8 | 92 | 2 | 71-128/12 | |
| 541-73-1 | 1,3-Dichlorobenzene | ND | 50 | 47.1 | 94 | 46.7 | 93 | 1 | 70-128/13 | |
| 106-46-7 | 1,4-Dichlorobenzene | ND | 50 | 46.8 | 94 | 46.3 | 93 | 1 | 70-126/12 | |
| 75-71-8 | Dichlorodifluoromethane | ND | 50 | 50.8 | 102 | 48.9 | 98 | 4 | 35-161/21 | |
| 75-34-3 | 1,1-Dichloroethane | ND | 50 | 49.8 | 100 | 48.0 | 96 | 4 | 64-136/14 | |
| 107-06-2 | 1,2-Dichloroethane | ND | 50 | 49.3 | 99 | 48.3 | 97 | 2 | 69-138/12 | |
| 75-35-4 | 1,1-Dichloroethene | ND | 50 | 50.7 | 101 | 49.6 | 99 | 2 | 50-141/17 | |
| 156-59-2 | cis-1,2-Dichloroethene | ND | 50 | 46.2 | 92 | 43.8 | 88 | 5 | 60-135/13 | |
| 156-60-5 | trans-1,2-Dichloroethene | ND | 50 | 45.1 | 90 | 43.4 | 87 | 4 | 58-134/15 | |
| 78-87-5 | 1,2-Dichloropropane | ND | 50 | 49.2 | 98 | 47.7 | 95 | 3 | 69-132/12 | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 50 | 48.1 | 96 | 46.9 | 94 | 3 | 73-129/13 | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 50 | 45.9 | 92 | 45.3 | 91 | 1 | 72-129/13 | |
| 100-41-4 | Ethylbenzene | ND | 50 | 46.5 | 93 | 45.6 | 91 | 2 | 48-139/13 | |
| 76-13-1 | Freon 113 | ND | 50 | 50.6 | 101 | 49.7 | 99 | 2 | 43-153/20 | |
| 591-78-6 | 2-Hexanone | ND | 50 | 45.6 | 91 | 46.8 | 94 | 3 | 55-146/15 | |
| 98-82-8 | Isopropylbenzene | ND | 50 | 48.2 | 96 | 47.9 | 96 | 1 | 61-138/14 | |
| 79-20-9 | Methyl Acetate | ND | 50 | 46.6 | 93 | 45.6 | 91 | 2 | 43-158/14 | |
| 108-87-2 | Methylcyclohexane | ND | 50 | 48.8 | 98 | 48.4 | 97 | 1 | 42-153/18 | |
| 1634-04-4 | Methyl Tert Butyl Ether | ND | 50 | 48.7 | 97 | 47.7 | 95 | 2 | 63-134/12 | |

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JB57522
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|---------------|-----------|----|----------|-----|-----------|------------|------------------|
| JB57521-24MS | C187806.D | 1 | 01/15/14 | TDN | n/a | n/a | VC6818 |
| JB57521-24MSD | C187807.D | 1 | 01/15/14 | TDN | n/a | n/a | VC6818 |
| JB57521-24 | C187801.D | 1 | 01/15/14 | TDN | n/a | n/a | VC6818 |

The QC reported here applies to the following samples:

Method: SW846 8260C

JB57522-5

| CAS No. | Compound | JB57521-24 ug/l | Spike Q ug/l | MS ug/l | MS % | MSD ug/l | MSD % | RPD | Limits Rec/RPD |
|-----------|----------------------------|--------------------|--------------------|------------|---------|-------------|----------|-----|-------------------|
| 108-10-1 | 4-Methyl-2-pentanone(MIBK) | ND | 50 | 46.0 | 92 | 46.4 | 93 | 1 | 62-144/13 |
| 75-09-2 | Methylene chloride | ND | 50 | 49.0 | 98 | 47.4 | 95 | 3 | 64-131/13 |
| 100-42-5 | Styrene | ND | 50 | 47.1 | 94 | 46.0 | 92 | 2 | 62-133/13 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 50 | 44.4 | 89 | 44.5 | 89 | 0 | 65-134/12 |
| 127-18-4 | Tetrachloroethene | ND | 50 | 49.2 | 98 | 49.0 | 98 | 0 | 53-144/15 |
| 108-88-3 | Toluene | ND | 50 | 47.8 | 96 | 47.2 | 94 | 1 | 54-138/13 |
| 87-61-6 | 1,2,3-Trichlorobenzene | ND | 50 | 47.8 | 96 | 47.0 | 94 | 2 | 55-142/15 |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | 50 | 48.5 | 97 | 47.7 | 95 | 2 | 64-138/14 |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 50 | 50.9 | 102 | 50.1 | 100 | 2 | 60-143/15 |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 50 | 45.3 | 91 | 44.6 | 89 | 2 | 71-130/12 |
| 79-01-6 | Trichloroethene | ND | 50 | 49.3 | 99 | 48.3 | 97 | 2 | 59-140/14 |
| 75-69-4 | Trichlorofluoromethane | ND | 50 | 51.6 | 103 | 51.5 | 103 | 0 | 50-158/20 |
| 75-01-4 | Vinyl chloride | ND | 50 | 49.8 | 100 | 48.1 | 96 | 3 | 41-151/18 |
| | m,p-Xylene | ND | 100 | 97.0 | 97 | 94.6 | 95 | 3 | 49-138/13 |
| 95-47-6 | o-Xylene | ND | 50 | 47.9 | 96 | 47.0 | 94 | 2 | 59-134/12 |
| 1330-20-7 | Xylene (total) | ND | 150 | 145 | 97 | 142 | 95 | 2 | 53-136/12 |

| CAS No. | Surrogate Recoveries | MS | MSD | JB57521-24 | Limits |
|------------|-----------------------|------|------|------------|---------|
| 1868-53-7 | Dibromofluoromethane | 99% | 99% | 99% | 79-117% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 98% | 97% | 99% | 72-123% |
| 2037-26-5 | Toluene-D8 | 101% | 101% | 98% | 82-118% |
| 460-00-4 | 4-Bromofluorobenzene | 97% | 98% | 96% | 75-118% |

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JB57522
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------------|-----------|----|----------|-----|-----------|------------|------------------|
| JB57769-8MS | C188114.D | 1 | 01/22/14 | TDN | n/a | n/a | VC6829 |
| JB57769-8MSD | C188115.D | 1 | 01/22/14 | TDN | n/a | n/a | VC6829 |
| JB57769-8 | C188107.D | 1 | 01/22/14 | TDN | n/a | n/a | VC6829 |

The QC reported here applies to the following samples:

Method: SW846 8260C

JB58216-5

| CAS No. | Compound | JB57769-8 ug/l | Spike Q ug/l | MS ug/l | MS % | MSD ug/l | MSD % | RPD | Limits Rec/RPD |
|------------|-----------------------------|-------------------|--------------------|------------|---------|-------------|----------|-----|-------------------|
| 67-64-1 | Acetone | ND | 50 | 52.5 | 105 | 51.1 | 102 | 3 | 45-157/19 |
| 71-43-2 | Benzene | ND | 50 | 47.4 | 95 | 47.3 | 95 | 0 | 49-138/12 |
| 74-97-5 | Bromochloromethane | ND | 50 | 51.4 | 103 | 50.6 | 101 | 2 | 75-130/12 |
| 75-27-4 | Bromodichloromethane | ND | 50 | 47.9 | 96 | 48.0 | 96 | 0 | 73-132/13 |
| 75-25-2 | Bromoform | ND | 50 | 44.5 | 89 | 45.0 | 90 | 1 | 61-138/13 |
| 74-83-9 | Bromomethane | ND | 50 | 53.1 | 106 | 51.6 | 103 | 3 | 49-146/18 |
| 78-93-3 | 2-Butanone (MEK) | ND | 50 | 49.6 | 99 | 48.2 | 96 | 3 | 58-144/14 |
| 75-15-0 | Carbon disulfide | ND | 50 | 47.0 | 94 | 46.0 | 92 | 2 | 47-140/18 |
| 56-23-5 | Carbon tetrachloride | ND | 50 | 49.1 | 98 | 49.6 | 99 | 1 | 57-147/16 |
| 108-90-7 | Chlorobenzene | ND | 50 | 45.6 | 91 | 45.3 | 91 | 1 | 69-129/12 |
| 75-00-3 | Chloroethane | ND | 50 | 54.6 | 109 | 53.0 | 106 | 3 | 52-145/17 |
| 67-66-3 | Chloroform | ND | 50 | 47.9 | 96 | 47.6 | 95 | 1 | 68-131/13 |
| 74-87-3 | Chloromethane | ND | 50 | 50.2 | 100 | 48.9 | 98 | 3 | 43-145/17 |
| 110-82-7 | Cyclohexane | ND | 50 | 50.1 | 100 | 49.0 | 98 | 2 | 39-152/18 |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ND | 50 | 44.2 | 88 | 43.4 | 87 | 2 | 58-143/14 |
| 124-48-1 | Dibromochloromethane | ND | 50 | 46.4 | 93 | 46.7 | 93 | 1 | 71-131/12 |
| 106-93-4 | 1,2-Dibromoethane | ND | 50 | 46.0 | 92 | 45.7 | 91 | 1 | 72-130/12 |
| 95-50-1 | 1,2-Dichlorobenzene | ND | 50 | 45.5 | 91 | 45.7 | 91 | 0 | 71-128/12 |
| 541-73-1 | 1,3-Dichlorobenzene | ND | 50 | 46.2 | 92 | 46.6 | 93 | 1 | 70-128/13 |
| 106-46-7 | 1,4-Dichlorobenzene | ND | 50 | 45.6 | 91 | 45.8 | 92 | 0 | 70-126/12 |
| 75-71-8 | Dichlorodifluoromethane | ND | 50 | 57.2 | 114 | 56.0 | 112 | 2 | 35-161/21 |
| 75-34-3 | 1,1-Dichloroethane | ND | 50 | 47.1 | 94 | 46.5 | 93 | 1 | 64-136/14 |
| 107-06-2 | 1,2-Dichloroethane | ND | 50 | 48.1 | 96 | 48.3 | 97 | 0 | 69-138/12 |
| 75-35-4 | 1,1-Dichloroethene | ND | 50 | 47.9 | 96 | 46.5 | 93 | 3 | 50-141/17 |
| 156-59-2 | cis-1,2-Dichloroethene | ND | 50 | 43.7 | 87 | 43.8 | 88 | 0 | 60-135/13 |
| 156-60-5 | trans-1,2-Dichloroethene | ND | 50 | 43.3 | 87 | 42.2 | 84 | 3 | 58-134/15 |
| 78-87-5 | 1,2-Dichloropropane | ND | 50 | 48.0 | 96 | 48.0 | 96 | 0 | 69-132/12 |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 50 | 46.9 | 94 | 47.2 | 94 | 1 | 73-129/13 |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 50 | 46.1 | 92 | 46.4 | 93 | 1 | 72-129/13 |
| 100-41-4 | Ethylbenzene | ND | 50 | 44.9 | 90 | 44.6 | 89 | 1 | 48-139/13 |
| 76-13-1 | Freon 113 | ND | 50 | 53.9 | 108 | 53.0 | 106 | 2 | 43-153/20 |
| 591-78-6 | 2-Hexanone | ND | 50 | 48.2 | 96 | 47.2 | 94 | 2 | 55-146/15 |
| 98-82-8 | Isopropylbenzene | ND | 50 | 46.5 | 93 | 46.4 | 93 | 0 | 61-138/14 |
| 79-20-9 | Methyl Acetate | ND | 50 | 46.3 | 93 | 44.3 | 89 | 4 | 43-158/14 |
| 108-87-2 | Methylcyclohexane | ND | 50 | 51.4 | 103 | 51.1 | 102 | 1 | 42-153/18 |
| 1634-04-4 | Methyl Tert Butyl Ether | ND | 50 | 48.2 | 96 | 47.6 | 95 | 1 | 63-134/12 |

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JB57522
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------------|-----------|----|----------|-----|-----------|------------|------------------|
| JB57769-8MS | C188114.D | 1 | 01/22/14 | TDN | n/a | n/a | VC6829 |
| JB57769-8MSD | C188115.D | 1 | 01/22/14 | TDN | n/a | n/a | VC6829 |
| JB57769-8 | C188107.D | 1 | 01/22/14 | TDN | n/a | n/a | VC6829 |

The QC reported here applies to the following samples:

Method: SW846 8260C

JB58216-5

| CAS No. | Compound | JB57769-8 ug/l | Spike Q ug/l | MS ug/l | MS % | MSD ug/l | MSD % | RPD | Limits Rec/RPD |
|-----------|----------------------------|-------------------|--------------------|------------|---------|-------------|----------|-----|-------------------|
| 108-10-1 | 4-Methyl-2-pentanone(MIBK) | ND | 50 | 46.0 | 92 | 45.5 | 91 | 1 | 62-144/13 |
| 75-09-2 | Methylene chloride | ND | 50 | 48.2 | 96 | 47.2 | 94 | 2 | 64-131/13 |
| 100-42-5 | Styrene | ND | 50 | 45.7 | 91 | 46.0 | 92 | 1 | 62-133/13 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 50 | 44.3 | 89 | 43.8 | 88 | 1 | 65-134/12 |
| 127-18-4 | Tetrachloroethene | 6.3 | 50 | 50.1 | 88 | 50.0 | 87 | 0 | 53-144/15 |
| 108-88-3 | Toluene | ND | 50 | 47.8 | 96 | 47.7 | 95 | 0 | 54-138/13 |
| 87-61-6 | 1,2,3-Trichlorobenzene | ND | 50 | 45.6 | 91 | 46.1 | 92 | 1 | 55-142/15 |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | 50 | 46.6 | 93 | 46.8 | 94 | 0 | 64-138/14 |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 50 | 49.5 | 99 | 48.2 | 96 | 3 | 60-143/15 |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 50 | 46.4 | 93 | 46.5 | 93 | 0 | 71-130/12 |
| 79-01-6 | Trichloroethene | 0.61 | J 50 | 48.2 | 95 | 48.2 | 95 | 0 | 59-140/14 |
| 75-69-4 | Trichlorofluoromethane | ND | 50 | 54.8 | 110 | 54.6 | 109 | 0 | 50-158/20 |
| 75-01-4 | Vinyl chloride | ND | 50 | 52.9 | 106 | 51.0 | 102 | 4 | 41-151/18 |
| | m,p-Xylene | ND | 100 | 92.9 | 93 | 92.7 | 93 | 0 | 49-138/13 |
| 95-47-6 | o-Xylene | ND | 50 | 45.6 | 91 | 45.7 | 91 | 0 | 59-134/12 |
| 1330-20-7 | Xylene (total) | ND | 150 | 138 | 92 | 138 | 92 | 0 | 53-136/12 |

| CAS No. | Surrogate Recoveries | MS | MSD | JB57769-8 | Limits |
|------------|-----------------------|------|------|-----------|---------|
| 1868-53-7 | Dibromofluoromethane | 98% | 97% | 97% | 79-117% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 95% | 94% | 95% | 72-123% |
| 2037-26-5 | Toluene-D8 | 102% | 103% | 102% | 82-118% |
| 460-00-4 | 4-Bromofluorobenzene | 98% | 98% | 98% | 75-118% |

* = Outside of Control Limits.

Duplicate Summary

Job Number: JB57522
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|---------------|-----------|----|----------|-----|-----------|------------|------------------|
| JB57463-14DUP | I191725.D | 1 | 01/15/14 | SJM | n/a | n/a | VI7746 |
| JB57463-14 | I191712.D | 1 | 01/15/14 | SJM | n/a | n/a | VI7746 |

The QC reported here applies to the following samples:

Method: SW846 8260C

JB57522-1, JB57522-2, JB57522-3, JB57522-4, JB57666-1

| CAS No. | Compound | JB57463-14 ug/kg | DUP Q | ug/kg | Q | RPD | Limits |
|------------|-----------------------------|---------------------|----------|-------|----|-----|--------|
| 67-64-1 | Acetone | ND | ND | | nc | | 40 |
| 71-43-2 | Benzene | ND | ND | | nc | | 23 |
| 74-97-5 | Bromochloromethane | ND | ND | | nc | | 30 |
| 75-27-4 | Bromodichloromethane | ND | ND | | nc | | 30 |
| 75-25-2 | Bromoform | ND | ND | | nc | | 30 |
| 74-83-9 | Bromomethane | ND | ND | | nc | | 30 |
| 78-93-3 | 2-Butanone (MEK) | ND | ND | | nc | | 14 |
| 75-15-0 | Carbon disulfide | ND | ND | | nc | | 22 |
| 56-23-5 | Carbon tetrachloride | ND | ND | | nc | | 30 |
| 108-90-7 | Chlorobenzene | ND | ND | | nc | | 11 |
| 75-00-3 | Chloroethane | ND | ND | | nc | | 30 |
| 67-66-3 | Chloroform | ND | ND | | nc | | 15 |
| 74-87-3 | Chloromethane | ND | ND | | nc | | 30 |
| 110-82-7 | Cyclohexane | ND | ND | | nc | | 30 |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ND | ND | | nc | | 30 |
| 124-48-1 | Dibromochloromethane | ND | ND | | nc | | 30 |
| 106-93-4 | 1,2-Dibromoethane | ND | ND | | nc | | 30 |
| 95-50-1 | 1,2-Dichlorobenzene | ND | ND | | nc | | 30 |
| 541-73-1 | 1,3-Dichlorobenzene | ND | ND | | nc | | 30 |
| 106-46-7 | 1,4-Dichlorobenzene | ND | ND | | nc | | 30 |
| 75-71-8 | Dichlorodifluoromethane | ND | ND | | nc | | 30 |
| 75-34-3 | 1,1-Dichloroethane | ND | ND | | nc | | 30 |
| 107-06-2 | 1,2-Dichloroethane | ND | ND | | nc | | 30 |
| 75-35-4 | 1,1-Dichloroethene | ND | ND | | nc | | 30 |
| 156-59-2 | cis-1,2-Dichloroethene | ND | ND | | nc | | 13 |
| 156-60-5 | trans-1,2-Dichloroethene | ND | ND | | nc | | 30 |
| 78-87-5 | 1,2-Dichloropropane | ND | ND | | nc | | 30 |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | ND | | nc | | 30 |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | ND | | nc | | 30 |
| 100-41-4 | Ethylbenzene | ND | ND | | nc | | 16 |
| 76-13-1 | Freon 113 | ND | ND | | nc | | 30 |
| 591-78-6 | 2-Hexanone | ND | ND | | nc | | 30 |
| 98-82-8 | Isopropylbenzene | ND | ND | | nc | | 12 |
| 79-20-9 | Methyl Acetate | ND | ND | | nc | | 30 |
| 108-87-2 | Methylcyclohexane | ND | ND | | nc | | 16 |
| 1634-04-4 | Methyl Tert Butyl Ether | ND | ND | | nc | | 12 |

* = Outside of Control Limits.

Duplicate Summary

Job Number: JB57522
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|---------------|-----------|----|----------|-----|-----------|------------|------------------|
| JB57463-14DUP | I191725.D | 1 | 01/15/14 | SJM | n/a | n/a | VI7746 |
| JB57463-14 | I191712.D | 1 | 01/15/14 | SJM | n/a | n/a | VI7746 |

The QC reported here applies to the following samples:

Method: SW846 8260C

JB57522-1, JB57522-2, JB57522-3, JB57522-4, JB57666-1

| CAS No. | Compound | JB57463-14 | | Q | RPD | Limits |
|-----------|----------------------------|------------|-------|---|-----|--------|
| | | DUP | ug/kg | | | |
| 108-10-1 | 4-Methyl-2-pentanone(MIBK) | ND | ND | | nc | 30 |
| 75-09-2 | Methylene chloride | ND | ND | | nc | 47 |
| 100-42-5 | Styrene | ND | ND | | nc | 30 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | ND | | nc | 30 |
| 127-18-4 | Tetrachloroethene | ND | ND | | nc | 24 |
| 108-88-3 | Toluene | ND | ND | | nc | 24 |
| 87-61-6 | 1,2,3-Trichlorobenzene | ND | ND | | nc | 30 |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | ND | | nc | 30 |
| 71-55-6 | 1,1,1-Trichloroethane | ND | ND | | nc | 12 |
| 79-00-5 | 1,1,2-Trichloroethane | ND | ND | | nc | 30 |
| 79-01-6 | Trichloroethene | ND | ND | | nc | 15 |
| 75-69-4 | Trichlorofluoromethane | ND | ND | | nc | 30 |
| 75-01-4 | Vinyl chloride | ND | ND | | nc | 30 |
| | m,p-Xylene | ND | ND | | nc | 23 |
| 95-47-6 | o-Xylene | ND | ND | | nc | 22 |
| 1330-20-7 | Xylene (total) | ND | ND | | nc | 22 |

| CAS No. | Surrogate Recoveries | DUP | JB57463-14 | Limits |
|------------|-----------------------|------|------------|---------|
| 1868-53-7 | Dibromofluoromethane | 95% | 94% | 59-130% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 106% | 104% | 65-123% |
| 2037-26-5 | Toluene-D8 | 90% | 91% | 80-124% |
| 460-00-4 | 4-Bromofluorobenzene | 106% | 101% | 71-132% |

* = Outside of Control Limits.

Duplicate Summary

Job Number: JB57522
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------------|-----------|----|----------|-----|-----------|------------|------------------|
| JB57679-1DUP | I191752.D | 1 | 01/16/14 | SJM | n/a | n/a | VI7747 |
| JB57679-1 | I191748.D | 1 | 01/16/14 | SJM | n/a | n/a | VI7747 |

The QC reported here applies to the following samples:

Method: SW846 8260C

JB57666-2, JB57834-1, JB57834-2, JB57834-3, JB57834-4, JB57834-5

| CAS No. | Compound | JB57679-1 ug/kg | DUP Q | ug/kg | Q | RPD | Limits |
|------------|-----------------------------|--------------------|----------|-------|---|-------|--------|
| 67-64-1 | Acetone | 98.9 | | 45.3 | | 74* a | 40 |
| 71-43-2 | Benzene | ND | | ND | | nc | 23 |
| 74-97-5 | Bromochloromethane | ND | | ND | | nc | 30 |
| 75-27-4 | Bromodichloromethane | ND | | ND | | nc | 30 |
| 75-25-2 | Bromoform | ND | | ND | | nc | 30 |
| 74-83-9 | Bromomethane | ND | | ND | | nc | 30 |
| 78-93-3 | 2-Butanone (MEK) | 17.6 | J | 8.2 | J | 73* a | 14 |
| 75-15-0 | Carbon disulfide | 3.1 | J | 5.4 | J | 54* a | 22 |
| 56-23-5 | Carbon tetrachloride | ND | | ND | | nc | 30 |
| 108-90-7 | Chlorobenzene | ND | | ND | | nc | 11 |
| 75-00-3 | Chloroethane | ND | | ND | | nc | 30 |
| 67-66-3 | Chloroform | ND | | ND | | nc | 15 |
| 74-87-3 | Chloromethane | ND | | ND | | nc | 30 |
| 110-82-7 | Cyclohexane | 24.1 | | 30.4 | | 23 | 30 |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ND | | ND | | nc | 30 |
| 124-48-1 | Dibromochloromethane | ND | | ND | | nc | 30 |
| 106-93-4 | 1,2-Dibromoethane | ND | | ND | | nc | 30 |
| 95-50-1 | 1,2-Dichlorobenzene | ND | | ND | | nc | 30 |
| 541-73-1 | 1,3-Dichlorobenzene | ND | | ND | | nc | 30 |
| 106-46-7 | 1,4-Dichlorobenzene | ND | | ND | | nc | 30 |
| 75-71-8 | Dichlorodifluoromethane | ND | | ND | | nc | 30 |
| 75-34-3 | 1,1-Dichloroethane | ND | | ND | | nc | 30 |
| 107-06-2 | 1,2-Dichloroethane | ND | | ND | | nc | 30 |
| 75-35-4 | 1,1-Dichloroethene | ND | | ND | | nc | 30 |
| 156-59-2 | cis-1,2-Dichloroethene | ND | | ND | | nc | 13 |
| 156-60-5 | trans-1,2-Dichloroethene | ND | | ND | | nc | 30 |
| 78-87-5 | 1,2-Dichloropropane | ND | | ND | | nc | 30 |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | | ND | | nc | 30 |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | | ND | | nc | 30 |
| 100-41-4 | Ethylbenzene | 0.75 | J | 0.45 | J | 50* a | 16 |
| 76-13-1 | Freon 113 | ND | | ND | | nc | 30 |
| 591-78-6 | 2-Hexanone | ND | | ND | | nc | 30 |
| 98-82-8 | Isopropylbenzene | 0.78 | J | 0.58 | J | 29* a | 12 |
| 79-20-9 | Methyl Acetate | ND | | ND | | nc | 30 |
| 108-87-2 | Methylcyclohexane | 69.5 | | 32.8 | | 72* a | 16 |
| 1634-04-4 | Methyl Tert Butyl Ether | ND | | ND | | nc | 12 |

* = Outside of Control Limits.

Duplicate Summary

Job Number: JB57522
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------------|-----------|----|----------|-----|-----------|------------|------------------|
| JB57679-1DUP | I191752.D | 1 | 01/16/14 | SJM | n/a | n/a | VI7747 |
| JB57679-1 | I191748.D | 1 | 01/16/14 | SJM | n/a | n/a | VI7747 |

The QC reported here applies to the following samples: Method: SW846 8260C

JB57666-2, JB57834-1, JB57834-2, JB57834-3, JB57834-4, JB57834-5

| CAS No. | Compound | JB57679-1 | | Q | RPD | Limits |
|-----------|----------------------------|-----------|-----------|---|-------|--------|
| | | ug/kg | DUP ug/kg | | | |
| 108-10-1 | 4-Methyl-2-pentanone(MIBK) | ND | ND | | nc | 30 |
| 75-09-2 | Methylene chloride | ND | ND | | nc | 47 |
| 100-42-5 | Styrene | ND | ND | | nc | 30 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | ND | | nc | 30 |
| 127-18-4 | Tetrachloroethene | ND | ND | | nc | 24 |
| 108-88-3 | Toluene | ND | ND | | nc | 24 |
| 87-61-6 | 1,2,3-Trichlorobenzene | ND | ND | | nc | 30 |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | ND | | nc | 30 |
| 71-55-6 | 1,1,1-Trichloroethane | ND | ND | | nc | 12 |
| 79-00-5 | 1,1,2-Trichloroethane | ND | ND | | nc | 30 |
| 79-01-6 | Trichloroethene | ND | ND | | nc | 15 |
| 75-69-4 | Trichlorofluoromethane | ND | ND | | nc | 30 |
| 75-01-4 | Vinyl chloride | ND | ND | | nc | 30 |
| | m,p-Xylene | 2.1 | 1.5 | J | 33* a | 23 |
| 95-47-6 | o-Xylene | ND | ND | | nc | 22 |
| 1330-20-7 | Xylene (total) | 2.1 | 1.5 | J | 33* a | 22 |

| CAS No. | Surrogate Recoveries | DUP | JB57679-1 | Limits |
|------------|-----------------------|------|-----------|---------|
| 1868-53-7 | Dibromofluoromethane | 95% | 95% | 59-130% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 109% | 105% | 65-123% |
| 2037-26-5 | Toluene-D8 | 95% | 93% | 80-124% |
| 460-00-4 | 4-Bromofluorobenzene | 104% | 105% | 71-132% |

(a) High RPD due to possible sample analyzed from different vials.

* = Outside of Control Limits.

Duplicate Summary

Job Number: JB57522
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------------|-----------|----|----------|-----|-----------|------------|------------------|
| JB58300-2DUP | I191977.D | 1 | 01/23/14 | SJM | n/a | n/a | VI7755 |
| JB58300-2 | I191976.D | 1 | 01/23/14 | SJM | n/a | n/a | VI7755 |

The QC reported here applies to the following samples:

Method: SW846 8260C

JB58123-3, JB58123-4, JB58123-5, JB58123-6, JB58123-7, JB58123-8, JB58216-1, JB58216-2, JB58216-3, JB58216-4

| CAS No. | Compound | JB58300-2 ug/kg | DUP Q | ug/kg | Q | RPD | Limits |
|------------|-----------------------------|--------------------|----------|-------|---|-------|--------|
| 67-64-1 | Acetone | ND | | ND | | nc | 40 |
| 71-43-2 | Benzene | ND | | ND | | nc | 23 |
| 74-97-5 | Bromochloromethane | ND | | ND | | nc | 30 |
| 75-27-4 | Bromodichloromethane | ND | | ND | | nc | 30 |
| 75-25-2 | Bromoform | ND | | ND | | nc | 30 |
| 74-83-9 | Bromomethane | ND | | ND | | nc | 30 |
| 78-93-3 | 2-Butanone (MEK) | ND | | ND | | nc | 14 |
| 75-15-0 | Carbon disulfide | ND | | ND | | nc | 22 |
| 56-23-5 | Carbon tetrachloride | ND | | ND | | nc | 30 |
| 108-90-7 | Chlorobenzene | ND | | ND | | nc | 11 |
| 75-00-3 | Chloroethane | ND | | ND | | nc | 30 |
| 67-66-3 | Chloroform | 0.43 | J | 0.50 | J | 15 | 15 |
| 74-87-3 | Chloromethane | ND | | ND | | nc | 30 |
| 110-82-7 | Cyclohexane | ND | | ND | | nc | 30 |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ND | | ND | | nc | 30 |
| 124-48-1 | Dibromochloromethane | ND | | ND | | nc | 30 |
| 106-93-4 | 1,2-Dibromoethane | ND | | ND | | nc | 30 |
| 95-50-1 | 1,2-Dichlorobenzene | ND | | ND | | nc | 30 |
| 541-73-1 | 1,3-Dichlorobenzene | ND | | ND | | nc | 30 |
| 106-46-7 | 1,4-Dichlorobenzene | ND | | ND | | nc | 30 |
| 75-71-8 | Dichlorodifluoromethane | ND | | ND | | nc | 30 |
| 75-34-3 | 1,1-Dichloroethane | ND | | ND | | nc | 30 |
| 107-06-2 | 1,2-Dichloroethane | ND | | ND | | nc | 30 |
| 75-35-4 | 1,1-Dichloroethene | ND | | ND | | nc | 30 |
| 156-59-2 | cis-1,2-Dichloroethene | ND | | ND | | nc | 13 |
| 156-60-5 | trans-1,2-Dichloroethene | ND | | ND | | nc | 30 |
| 78-87-5 | 1,2-Dichloropropane | ND | | ND | | nc | 30 |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | | ND | | nc | 30 |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | | ND | | nc | 30 |
| 100-41-4 | Ethylbenzene | 1.3 | | 0.95 | J | 31* a | 16 |
| 76-13-1 | Freon 113 | ND | | ND | | nc | 30 |
| 591-78-6 | 2-Hexanone | ND | | ND | | nc | 30 |
| 98-82-8 | Isopropylbenzene | 3.1 | J | 2.5 | J | 21* a | 12 |
| 79-20-9 | Methyl Acetate | ND | | ND | | nc | 30 |
| 108-87-2 | Methylcyclohexane | 2.7 | J | 1.8 | J | 40* a | 16 |
| 1634-04-4 | Methyl Tert Butyl Ether | ND | | ND | | nc | 12 |

* = Outside of Control Limits.

Duplicate Summary

Job Number: JB57522
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------------|-----------|----|----------|-----|-----------|------------|------------------|
| JB58300-2DUP | I191977.D | 1 | 01/23/14 | SJM | n/a | n/a | VI7755 |
| JB58300-2 | I191976.D | 1 | 01/23/14 | SJM | n/a | n/a | VI7755 |

The QC reported here applies to the following samples: Method: SW846 8260C

JB58123-3, JB58123-4, JB58123-5, JB58123-6, JB58123-7, JB58123-8, JB58216-1, JB58216-2, JB58216-3, JB58216-4

| CAS No. | Compound | JB58300-2 ug/kg | DUP Q | ug/kg | Q | RPD | Limits |
|-----------|----------------------------|--------------------|----------|-------|---|--------|--------|
| 108-10-1 | 4-Methyl-2-pentanone(MIBK) | ND | | ND | | nc | 30 |
| 75-09-2 | Methylene chloride | ND | | ND | | nc | 47 |
| 100-42-5 | Styrene | ND | | ND | | nc | 30 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | | ND | | nc | 30 |
| 127-18-4 | Tetrachloroethene | ND | | ND | | nc | 24 |
| 108-88-3 | Toluene | ND | | ND | | nc | 24 |
| 87-61-6 | 1,2,3-Trichlorobenzene | 0.26 | J | ND | | 200* a | 30 |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | | ND | | nc | 30 |
| 71-55-6 | 1,1,1-Trichloroethane | ND | | ND | | nc | 12 |
| 79-00-5 | 1,1,2-Trichloroethane | ND | | ND | | nc | 30 |
| 79-01-6 | Trichloroethene | 14.1 | | 8.9 | | 45* a | 15 |
| 75-69-4 | Trichlorofluoromethane | ND | | ND | | nc | 30 |
| 75-01-4 | Vinyl chloride | ND | | ND | | nc | 30 |
| | m,p-Xylene | 8.6 | | 6.9 | | 22 | 23 |
| 95-47-6 | o-Xylene | 6.3 | | 4.7 | | 29* a | 22 |
| 1330-20-7 | Xylene (total) | 14.9 | | 11.6 | | 25* a | 22 |

| CAS No. | Surrogate Recoveries | DUP | JB58300-2 | Limits |
|------------|-----------------------|-----|-----------|---------|
| 1868-53-7 | Dibromofluoromethane | 95% | 102% | 59-130% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 87% | 104% | 65-123% |
| 2037-26-5 | Toluene-D8 | 96% | 93% | 80-124% |
| 460-00-4 | 4-Bromofluorobenzene | 94% | 95% | 71-132% |

(a) High RPD due to possible sample analyzed from different vials.

* = Outside of Control Limits.

Instrument Performance Check (BFB)

Job Number: JB57522
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| | | | |
|----------------|------------|-----------------|----------|
| Sample: | VC6815-BFB | Injection Date: | 01/13/14 |
| Lab File ID: | C187733.D | Injection Time: | 09:41 |
| Instrument ID: | GCMSC | | |

| m/e | Ion Abundance Criteria | Raw Abundance | % Relative Abundance | Pass/Fail |
|-----|------------------------------------|---------------|--------------------------|-----------|
| 50 | 15.0 - 40.0% of mass 95 | 20021 | 19.7 | Pass |
| 75 | 30.0 - 60.0% of mass 95 | 48949 | 48.3 | Pass |
| 95 | Base peak, 100% relative abundance | 101416 | 100.0 | Pass |
| 96 | 5.0 - 9.0% of mass 95 | 6718 | 6.62 | Pass |
| 173 | Less than 2.0% of mass 174 | 0 | 0.00 (0.00) ^a | Pass |
| 174 | 50.0 - 120.0% of mass 95 | 74024 | 73.0 | Pass |
| 175 | 5.0 - 9.0% of mass 174 | 6043 | 5.96 (8.16) ^a | Pass |
| 176 | 95.0 - 101.0% of mass 174 | 71320 | 70.3 (96.3) ^a | Pass |
| 177 | 5.0 - 9.0% of mass 176 | 4853 | 4.79 (6.80) ^b | Pass |

(a) Value is % of mass 174

(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

| Lab Sample ID | Lab File ID | Date Analyzed | Time Analyzed | Hours Lapsed | Client Sample ID |
|----------------|-------------|---------------|---------------|--------------|-----------------------------|
| VC6815-IC6815 | C187734.D | 01/13/14 | 10:14 | 00:33 | Initial cal 0.5 |
| VC6815-IC6815 | C187735.D | 01/13/14 | 10:40 | 00:59 | Initial cal 1 |
| VC6815-IC6815 | C187736.D | 01/13/14 | 11:07 | 01:26 | Initial cal 2 |
| VC6815-IC6815 | C187737.D | 01/13/14 | 11:33 | 01:52 | Initial cal 5 |
| VC6815-IC6815 | C187738.D | 01/13/14 | 12:00 | 02:19 | Initial cal 10 |
| VC6815-IC6815 | C187739.D | 01/13/14 | 12:26 | 02:45 | Initial cal 20 |
| VC6815-ICC6815 | C187740.D | 01/13/14 | 12:53 | 03:12 | Initial cal 50 |
| VC6815-IC6815 | C187741.D | 01/13/14 | 13:19 | 03:38 | Initial cal 100 |
| VC6815-IC6815 | C187742.D | 01/13/14 | 13:46 | 04:05 | Initial cal 200 |
| VC6815-ICV6815 | C187746.D | 01/13/14 | 17:09 | 07:28 | Initial cal verification 50 |

Instrument Performance Check (BFB)

Job Number: JB57522
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| | | | |
|----------------|------------|-----------------|----------|
| Sample: | VC6818-BFB | Injection Date: | 01/15/14 |
| Lab File ID: | C187796.D | Injection Time: | 09:50 |
| Instrument ID: | GCMSC | | |

| m/e | Ion Abundance Criteria | Raw Abundance | % Relative Abundance | Pass/Fail |
|-----|------------------------------------|---------------|--------------------------|-----------|
| 50 | 15.0 - 40.0% of mass 95 | 17094 | 20.0 | Pass |
| 75 | 30.0 - 60.0% of mass 95 | 41314 | 48.2 | Pass |
| 95 | Base peak, 100% relative abundance | 85682 | 100.0 | Pass |
| 96 | 5.0 - 9.0% of mass 95 | 5628 | 6.57 | Pass |
| 173 | Less than 2.0% of mass 174 | 0 | 0.00 (0.00) ^a | Pass |
| 174 | 50.0 - 120.0% of mass 95 | 61546 | 71.8 | Pass |
| 175 | 5.0 - 9.0% of mass 174 | 4771 | 5.57 (7.75) ^a | Pass |
| 176 | 95.0 - 101.0% of mass 174 | 60240 | 70.3 (97.9) ^a | Pass |
| 177 | 5.0 - 9.0% of mass 176 | 3900 | 4.55 (6.47) ^b | Pass |

(a) Value is % of mass 174

(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

| Lab Sample ID | Lab File ID | Date Analyzed | Time Analyzed | Hours Lapsed | Client Sample ID |
|---------------|-------------|---------------|---------------|--------------|---|
| VC6818-CC6815 | C187797.D | 01/15/14 | 10:28 | 00:38 | Continuing cal 20 |
| VC6818-MB | C187798.D | 01/15/14 | 11:02 | 01:12 | Method Blank |
| VC6818-BS | C187799.D | 01/15/14 | 11:39 | 01:49 | Blank Spike |
| JB57521-24 | C187801.D | 01/15/14 | 12:48 | 02:58 | (used for QC only; not part of job JB57522) |
| ZZZZZZ | C187802.D | 01/15/14 | 13:14 | 03:24 | (unrelated sample) |
| ZZZZZZ | C187803.D | 01/15/14 | 13:41 | 03:51 | (unrelated sample) |
| ZZZZZZ | C187804.D | 01/15/14 | 14:07 | 04:17 | (unrelated sample) |
| ZZZZZZ | C187805.D | 01/15/14 | 14:34 | 04:44 | (unrelated sample) |
| JB57521-24MS | C187806.D | 01/15/14 | 15:00 | 05:10 | Matrix Spike |
| JB57521-24MSD | C187807.D | 01/15/14 | 15:27 | 05:37 | Matrix Spike Duplicate |
| ZZZZZZ | C187809.D | 01/15/14 | 16:20 | 06:30 | (unrelated sample) |
| ZZZZZZ | C187810.D | 01/15/14 | 16:46 | 06:56 | (unrelated sample) |
| ZZZZZZ | C187811.D | 01/15/14 | 17:13 | 07:23 | (unrelated sample) |
| ZZZZZZ | C187812.D | 01/15/14 | 17:39 | 07:49 | (unrelated sample) |
| ZZZZZZ | C187813.D | 01/15/14 | 18:06 | 08:16 | (unrelated sample) |
| JB57522-5 | C187814.D | 01/15/14 | 18:32 | 08:42 | TRIP BLANK |
| ZZZZZZ | C187815.D | 01/15/14 | 18:59 | 09:09 | (unrelated sample) |
| ZZZZZZ | C187816.D | 01/15/14 | 19:25 | 09:35 | (unrelated sample) |
| ZZZZZZ | C187817.D | 01/15/14 | 19:52 | 10:02 | (unrelated sample) |
| ZZZZZZ | C187818.D | 01/15/14 | 20:18 | 10:28 | (unrelated sample) |
| ZZZZZZ | C187819.D | 01/15/14 | 20:45 | 10:55 | (unrelated sample) |

Instrument Performance Check (BFB)

Job Number: JB57522
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| | | | |
|----------------|------------|-----------------|----------|
| Sample: | VC6829-BFB | Injection Date: | 01/22/14 |
| Lab File ID: | C188099.D | Injection Time: | 08:37 |
| Instrument ID: | GCMSC | | |

| m/e | Ion Abundance Criteria | Raw Abundance | % Relative Abundance | Pass/Fail |
|-----|------------------------------------|---------------|--------------------------|-----------|
| 50 | 15.0 - 40.0% of mass 95 | 22266 | 19.5 | Pass |
| 75 | 30.0 - 60.0% of mass 95 | 54800 | 48.0 | Pass |
| 95 | Base peak, 100% relative abundance | 114173 | 100.0 | Pass |
| 96 | 5.0 - 9.0% of mass 95 | 7729 | 6.77 | Pass |
| 173 | Less than 2.0% of mass 174 | 0 | 0.00 (0.00) ^a | Pass |
| 174 | 50.0 - 120.0% of mass 95 | 77458 | 67.8 | Pass |
| 175 | 5.0 - 9.0% of mass 174 | 6080 | 5.33 (7.85) ^a | Pass |
| 176 | 95.0 - 101.0% of mass 174 | 74626 | 65.4 (96.3) ^a | Pass |
| 177 | 5.0 - 9.0% of mass 176 | 4992 | 4.37 (6.69) ^b | Pass |

(a) Value is % of mass 174

(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

| Lab Sample ID | Lab File ID | Date Analyzed | Time Analyzed | Hours Lapsed | Client Sample ID |
|---------------|-------------|---------------|---------------|--------------|---|
| VC6829-CC6815 | C188100.D | 01/22/14 | 09:10 | 00:33 | Continuing cal 20 |
| VC6829-MB1 | C188102.D | 01/22/14 | 11:11 | 02:34 | Method Blank |
| VC6829-BS | C188103.D | 01/22/14 | 11:41 | 03:04 | Blank Spike |
| ZZZZZZ | C188105.D | 01/22/14 | 12:34 | 03:57 | (unrelated sample) |
| ZZZZZZ | C188106.D | 01/22/14 | 13:00 | 04:23 | (unrelated sample) |
| JB57769-8 | C188107.D | 01/22/14 | 13:27 | 04:50 | (used for QC only; not part of job JB57522) |
| ZZZZZZ | C188108.D | 01/22/14 | 13:53 | 05:16 | (unrelated sample) |
| ZZZZZZ | C188109.D | 01/22/14 | 14:20 | 05:43 | (unrelated sample) |
| ZZZZZZ | C188110.D | 01/22/14 | 14:47 | 06:10 | (unrelated sample) |
| ZZZZZZ | C188111.D | 01/22/14 | 15:13 | 06:36 | (unrelated sample) |
| ZZZZZZ | C188112.D | 01/22/14 | 15:40 | 07:03 | (unrelated sample) |
| ZZZZZZ | C188113.D | 01/22/14 | 16:06 | 07:29 | (unrelated sample) |
| JB57769-8MS | C188114.D | 01/22/14 | 16:33 | 07:56 | Matrix Spike |
| JB57769-8MSD | C188115.D | 01/22/14 | 17:00 | 08:23 | Matrix Spike Duplicate |
| JB58216-5 | C188117.D | 01/22/14 | 17:53 | 09:16 | TRIP BLANK |
| ZZZZZZ | C188118.D | 01/22/14 | 18:19 | 09:42 | (unrelated sample) |
| ZZZZZZ | C188120.D | 01/22/14 | 19:13 | 10:36 | (unrelated sample) |
| ZZZZZZ | C188121.D | 01/22/14 | 19:39 | 11:02 | (unrelated sample) |
| ZZZZZZ | C188122.D | 01/22/14 | 20:06 | 11:29 | (unrelated sample) |
| ZZZZZZ | C188123.D | 01/22/14 | 20:32 | 11:55 | (unrelated sample) |

Instrument Performance Check (BFB)

Job Number: JB57522
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| | |
|------------------------|--------------------------|
| Sample: VI7686-BFB | Injection Date: 11/26/13 |
| Lab File ID: I190210.D | Injection Time: 10:14 |
| Instrument ID: GCMSI | |

| m/e | Ion Abundance Criteria | Raw Abundance | % Relative Abundance | Pass/Fail |
|-----|------------------------------------|---------------|--------------------------|-----------|
| 50 | 15.0 - 40.0% of mass 95 | 24133 | 17.0 | Pass |
| 75 | 30.0 - 60.0% of mass 95 | 63501 | 44.8 | Pass |
| 95 | Base peak, 100% relative abundance | 141653 | 100.0 | Pass |
| 96 | 5.0 - 9.0% of mass 95 | 9439 | 6.66 | Pass |
| 173 | Less than 2.0% of mass 174 | 0 | 0.00 (0.00) ^a | Pass |
| 174 | 50.0 - 120.0% of mass 95 | 116690 | 82.4 | Pass |
| 175 | 5.0 - 9.0% of mass 174 | 9629 | 6.80 (8.25) ^a | Pass |
| 176 | 95.0 - 101.0% of mass 174 | 112472 | 79.4 (96.4) ^a | Pass |
| 177 | 5.0 - 9.0% of mass 176 | 7898 | 5.58 (7.02) ^b | Pass |

(a) Value is % of mass 174

(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

| Lab Sample ID | Lab File ID | Date Analyzed | Time Analyzed | Hours Lapsed | Client Sample ID |
|----------------|-------------|---------------|---------------|--------------|-----------------------------|
| VI7686-IC7686 | I190211.D | 11/26/13 | 10:46 | 00:32 | Initial cal 0.5 |
| VI7686-IC7686 | I190212.D | 11/26/13 | 11:20 | 01:06 | Initial cal 1 |
| VI7686-IC7686 | I190213.D | 11/26/13 | 11:49 | 01:35 | Initial cal 2 |
| VI7686-IC7686 | I190214.D | 11/26/13 | 12:19 | 02:05 | Initial cal 5 |
| VI7686-IC7686 | I190215.D | 11/26/13 | 12:48 | 02:34 | Initial cal 10 |
| VI7686-IC7686 | I190216.D | 11/26/13 | 13:16 | 03:02 | Initial cal 20 |
| VI7686-ICC7686 | I190217.D | 11/26/13 | 13:45 | 03:31 | Initial cal 50 |
| VI7686-IC7686 | I190218.D | 11/26/13 | 14:15 | 04:01 | Initial cal 100 |
| VI7686-IC7686 | I190219.D | 11/26/13 | 14:43 | 04:29 | Initial cal 200 |
| VI7686-ICV7686 | I190221.D | 11/26/13 | 15:42 | 05:28 | Initial cal verification 50 |

Instrument Performance Check (BFB)

Job Number: JB57522
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| | | | |
|----------------|------------|-----------------|----------|
| Sample: | VI7746-BFB | Injection Date: | 01/15/14 |
| Lab File ID: | I191706.D | Injection Time: | 07:36 |
| Instrument ID: | GCMSI | | |

| m/e | Ion Abundance Criteria | Raw Abundance | % Relative Abundance | Pass/Fail |
|-----|------------------------------------|---------------|--------------------------|-----------|
| 50 | 15.0 - 40.0% of mass 95 | 19183 | 20.1 | Pass |
| 75 | 30.0 - 60.0% of mass 95 | 48720 | 51.0 | Pass |
| 95 | Base peak, 100% relative abundance | 95552 | 100.0 | Pass |
| 96 | 5.0 - 9.0% of mass 95 | 6819 | 7.14 | Pass |
| 173 | Less than 2.0% of mass 174 | 0 | 0.00 (0.00) ^a | Pass |
| 174 | 50.0 - 120.0% of mass 95 | 77245 | 80.8 | Pass |
| 175 | 5.0 - 9.0% of mass 174 | 6114 | 6.40 (7.92) ^a | Pass |
| 176 | 95.0 - 101.0% of mass 174 | 73829 | 77.3 (95.6) ^a | Pass |
| 177 | 5.0 - 9.0% of mass 176 | 4959 | 5.19 (6.72) ^b | Pass |

(a) Value is % of mass 174

(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

| Lab Sample ID | Lab File ID | Date Analyzed | Time Analyzed | Hours Lapsed | Client Sample ID |
|---------------|-------------|---------------|---------------|--------------|---|
| VI7746-CC7686 | I191707.D | 01/15/14 | 08:05 | 00:29 | Continuing cal 50 |
| ZZZZZZ | I191709A.D | 01/15/14 | 09:21 | 01:45 | (unrelated sample) |
| VI7746-MB1 | I191709.D | 01/15/14 | 09:21 | 01:45 | Method Blank |
| VI7746-BS | I191710.D | 01/15/14 | 10:00 | 02:24 | Blank Spike |
| JB57463-14 | I191712.D | 01/15/14 | 11:10 | 03:34 | (used for QC only; not part of job JB57522) |
| JB57463-15 | I191713.D | 01/15/14 | 11:39 | 04:03 | (used for QC only; not part of job JB57522) |
| ZZZZZZ | I191714.D | 01/15/14 | 12:08 | 04:32 | (unrelated sample) |
| ZZZZZZ | I191715.D | 01/15/14 | 12:37 | 05:01 | (unrelated sample) |
| ZZZZZZ | I191716.D | 01/15/14 | 13:07 | 05:31 | (unrelated sample) |
| ZZZZZZ | I191717.D | 01/15/14 | 13:36 | 06:00 | (unrelated sample) |
| ZZZZZZ | I191718.D | 01/15/14 | 14:05 | 06:29 | (unrelated sample) |
| ZZZZZZ | I191719.D | 01/15/14 | 14:34 | 06:58 | (unrelated sample) |
| ZZZZZZ | I191720.D | 01/15/14 | 15:03 | 07:27 | (unrelated sample) |
| ZZZZZZ | I191721.D | 01/15/14 | 15:34 | 07:58 | (unrelated sample) |
| ZZZZZZ | I191722.D | 01/15/14 | 16:03 | 08:27 | (unrelated sample) |
| ZZZZZZ | I191723.D | 01/15/14 | 16:32 | 08:56 | (unrelated sample) |
| ZZZZZZ | I191724.D | 01/15/14 | 17:01 | 09:25 | (unrelated sample) |
| JB57463-14DUP | I191725.D | 01/15/14 | 17:30 | 09:54 | Duplicate |
| JB57463-15MS | I191726.D | 01/15/14 | 17:59 | 10:23 | Matrix Spike |
| ZZZZZZ | I191727.D | 01/15/14 | 18:28 | 10:52 | (unrelated sample) |
| ZZZZZZ | I191728.D | 01/15/14 | 18:58 | 11:22 | (unrelated sample) |

Instrument Performance Check (BFB)

Job Number: JB57522
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| | |
|------------------------|--------------------------|
| Sample: VI7746-BFB2 | Injection Date: 01/15/14 |
| Lab File ID: I191729.D | Injection Time: 19:27 |
| Instrument ID: GCMSI | |

| m/e | Ion Abundance Criteria | Raw Abundance | % Relative Abundance | Pass/Fail |
|-----|------------------------------------|---------------|--------------------------|-----------|
| 50 | 15.0 - 40.0% of mass 95 | 19749 | 20.8 | Pass |
| 75 | 30.0 - 60.0% of mass 95 | 47434 | 50.0 | Pass |
| 95 | Base peak, 100% relative abundance | 94832 | 100.0 | Pass |
| 96 | 5.0 - 9.0% of mass 95 | 6155 | 6.49 | Pass |
| 173 | Less than 2.0% of mass 174 | 0 | 0.00 (0.00) ^a | Pass |
| 174 | 50.0 - 120.0% of mass 95 | 76298 | 80.5 | Pass |
| 175 | 5.0 - 9.0% of mass 174 | 6314 | 6.66 (8.28) ^a | Pass |
| 176 | 95.0 - 101.0% of mass 174 | 75490 | 79.6 (98.9) ^a | Pass |
| 177 | 5.0 - 9.0% of mass 176 | 5088 | 5.37 (6.74) ^b | Pass |

(a) Value is % of mass 174

(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

| Lab Sample ID | Lab File ID | Date Analyzed | Time Analyzed | Hours Lapsed | Client Sample ID |
|---------------|-------------|---------------|---------------|--------------|--------------------|
| VI7746-CC7686 | I191730.D | 01/15/14 | 19:56 | 00:29 | Continuing cal 20 |
| VI7746-MB2 | I191732.D | 01/15/14 | 21:23 | 01:56 | Method Blank |
| ZZZZZZ | I191733.D | 01/15/14 | 21:52 | 02:25 | (unrelated sample) |
| JB57522-1 | I191734.D | 01/15/14 | 22:21 | 02:54 | SB-9 (0-2) |
| JB57522-2 | I191735.D | 01/15/14 | 22:50 | 03:23 | SB-9 (28-30) |
| JB57522-3 | I191736.D | 01/15/14 | 23:20 | 03:53 | SB-5 (0-2) |
| JB57522-4 | I191737.D | 01/15/14 | 23:49 | 04:22 | SB-5 (36-38) |
| ZZZZZZ | I191738.D | 01/16/14 | 00:18 | 04:51 | (unrelated sample) |
| JB57666-1 | I191739.D | 01/16/14 | 00:47 | 05:20 | SB-2 (0-2) |

Instrument Performance Check (BFB)

Job Number: JB57522
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| | | | |
|----------------|-------------|-----------------|----------|
| Sample: | VI7747-BFB1 | Injection Date: | 01/16/14 |
| Lab File ID: | I191740.D | Injection Time: | 01:17 |
| Instrument ID: | GCMSI | | |

| m/e | Ion Abundance Criteria | Raw Abundance | % Relative Abundance | Pass/Fail |
|-----|------------------------------------|---------------|--------------------------|-----------|
| 50 | 15.0 - 40.0% of mass 95 | 19180 | 21.0 | Pass |
| 75 | 30.0 - 60.0% of mass 95 | 45843 | 50.1 | Pass |
| 95 | Base peak, 100% relative abundance | 91546 | 100.0 | Pass |
| 96 | 5.0 - 9.0% of mass 95 | 6004 | 6.56 | Pass |
| 173 | Less than 2.0% of mass 174 | 0 | 0.00 (0.00) ^a | Pass |
| 174 | 50.0 - 120.0% of mass 95 | 74136 | 81.0 | Pass |
| 175 | 5.0 - 9.0% of mass 174 | 6106 | 6.67 (8.24) ^a | Pass |
| 176 | 95.0 - 101.0% of mass 174 | 73405 | 80.2 (99.0) ^a | Pass |
| 177 | 5.0 - 9.0% of mass 176 | 5127 | 5.60 (6.98) ^b | Pass |

(a) Value is % of mass 174

(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

| Lab Sample ID | Lab File ID | Date Analyzed | Time Analyzed | Hours Lapsed | Client Sample ID |
|---------------|-------------|---------------|---------------|--------------|---|
| VI7747-CC7686 | I191741.D | 01/16/14 | 01:46 | 00:29 | Continuing cal 50 |
| VI7747-MB1 | I191743.D | 01/16/14 | 03:14 | 01:57 | Method Blank |
| VI7747-BS | I191744.D | 01/16/14 | 03:43 | 02:26 | Blank Spike |
| JB57666-2 | I191746.D | 01/16/14 | 04:42 | 03:25 | SB-2 (48-50) |
| ZZZZZZ | I191747.D | 01/16/14 | 05:11 | 03:54 | (unrelated sample) |
| JB57679-1 | I191748.D | 01/16/14 | 05:40 | 04:23 | (used for QC only; not part of job JB57522) |
| JB57679-2 | I191749.D | 01/16/14 | 06:09 | 04:52 | (used for QC only; not part of job JB57522) |
| ZZZZZZ | I191750.D | 01/16/14 | 06:38 | 05:21 | (unrelated sample) |
| ZZZZZZ | I191751.D | 01/16/14 | 07:07 | 05:50 | (unrelated sample) |
| JB57679-1DUP | I191752.D | 01/16/14 | 08:43 | 07:26 | Duplicate |
| JB57679-2MS | I191753.D | 01/16/14 | 09:12 | 07:55 | Matrix Spike |
| ZZZZZZ | I191754.D | 01/16/14 | 09:41 | 08:24 | (unrelated sample) |
| ZZZZZZ | I191755.D | 01/16/14 | 10:10 | 08:53 | (unrelated sample) |
| ZZZZZZ | I191757.D | 01/16/14 | 11:09 | 09:52 | (unrelated sample) |
| ZZZZZZ | I191758.D | 01/16/14 | 11:38 | 10:21 | (unrelated sample) |
| ZZZZZZ | I191759.D | 01/16/14 | 12:06 | 10:49 | (unrelated sample) |
| ZZZZZZ | I191760.D | 01/16/14 | 12:35 | 11:18 | (unrelated sample) |
| ZZZZZZ | I191761.D | 01/16/14 | 13:04 | 11:47 | (unrelated sample) |

Instrument Performance Check (BFB)

Job Number: JB57522
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| | |
|------------------------|--------------------------|
| Sample: VI7747-BFB2 | Injection Date: 01/16/14 |
| Lab File ID: I191762.D | Injection Time: 13:42 |
| Instrument ID: GCMSI | |

| m/e | Ion Abundance Criteria | Raw Abundance | % Relative Abundance | Pass/Fail |
|-----|------------------------------------|---------------|--------------------------|-----------|
| 50 | 15.0 - 40.0% of mass 95 | 20885 | 20.8 | Pass |
| 75 | 30.0 - 60.0% of mass 95 | 50554 | 50.4 | Pass |
| 95 | Base peak, 100% relative abundance | 100309 | 100.0 | Pass |
| 96 | 5.0 - 9.0% of mass 95 | 6625 | 6.60 | Pass |
| 173 | Less than 2.0% of mass 174 | 0 | 0.00 (0.00) ^a | Pass |
| 174 | 50.0 - 120.0% of mass 95 | 80760 | 80.5 | Pass |
| 175 | 5.0 - 9.0% of mass 174 | 6267 | 6.25 (7.76) ^a | Pass |
| 176 | 95.0 - 101.0% of mass 174 | 79688 | 79.4 (98.7) ^a | Pass |
| 177 | 5.0 - 9.0% of mass 176 | 5213 | 5.20 (6.54) ^b | Pass |

(a) Value is % of mass 174

(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

| Lab Sample ID | Lab File ID | Date Analyzed | Time Analyzed | Hours Lapsed | Client Sample ID |
|---------------|-------------|---------------|---------------|--------------|--------------------|
| VI7747-CC7686 | I191763.D | 01/16/14 | 14:19 | 00:37 | Continuing cal 20 |
| VI7747-MB2 | I191765.D | 01/16/14 | 15:39 | 01:57 | Method Blank |
| ZZZZZZ | I191766.D | 01/16/14 | 16:14 | 02:32 | (unrelated sample) |
| ZZZZZZ | I191767.D | 01/16/14 | 16:43 | 03:01 | (unrelated sample) |
| ZZZZZZ | I191768.D | 01/16/14 | 17:13 | 03:31 | (unrelated sample) |
| ZZZZZZ | I191769.D | 01/16/14 | 17:42 | 04:00 | (unrelated sample) |
| ZZZZZZ | I191770.D | 01/16/14 | 18:11 | 04:29 | (unrelated sample) |
| ZZZZZZ | I191771.D | 01/16/14 | 18:40 | 04:58 | (unrelated sample) |
| JB57834-1 | I191772.D | 01/16/14 | 19:09 | 05:27 | SB-8 (0-2) |
| JB57834-2 | I191773.D | 01/16/14 | 19:38 | 05:56 | SB-8 (49-51) |
| JB57834-3 | I191774.D | 01/16/14 | 20:07 | 06:25 | SB-7 (0-2) |
| JB57834-4 | I191775.D | 01/16/14 | 20:35 | 06:53 | SB-7 (49-51) |
| JB57834-5 | I191776.D | 01/16/14 | 21:04 | 07:22 | SB-7B (49-51) |

Instrument Performance Check (BFB)

Job Number: JB57522
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| | |
|------------------------|--------------------------|
| Sample: VI7755-BFB1 | Injection Date: 01/23/14 |
| Lab File ID: I191960.D | Injection Time: 04:51 |
| Instrument ID: GCMSI | |

| m/e | Ion Abundance Criteria | Raw Abundance | % Relative Abundance | Pass/Fail |
|-----|------------------------------------|---------------|--------------------------|-----------|
| 50 | 15.0 - 40.0% of mass 95 | 12346 | 20.8 | Pass |
| 75 | 30.0 - 60.0% of mass 95 | 28531 | 48.1 | Pass |
| 95 | Base peak, 100% relative abundance | 59310 | 100.0 | Pass |
| 96 | 5.0 - 9.0% of mass 95 | 3726 | 6.28 | Pass |
| 173 | Less than 2.0% of mass 174 | 0 | 0.00 (0.00) ^a | Pass |
| 174 | 50.0 - 120.0% of mass 95 | 45755 | 77.1 | Pass |
| 175 | 5.0 - 9.0% of mass 174 | 4058 | 6.84 (8.87) ^a | Pass |
| 176 | 95.0 - 101.0% of mass 174 | 43867 | 74.0 (95.9) ^a | Pass |
| 177 | 5.0 - 9.0% of mass 176 | 3045 | 5.13 (6.94) ^b | Pass |

(a) Value is % of mass 174

(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

| Lab Sample ID | Lab File ID | Date Analyzed | Time Analyzed | Hours Lapsed | Client Sample ID |
|---------------|-------------|---------------|---------------|--------------|---|
| VI7755-CC7686 | I191961A.D | 01/23/14 | 05:49 | 00:58 | Continuing cal 50 |
| VI7755-MB1 | I191963.D | 01/23/14 | 06:47 | 01:56 | Method Blank |
| VI7755-BS | I191964.D | 01/23/14 | 07:16 | 02:25 | Blank Spike |
| JB58123-3 | I191966.D | 01/23/14 | 10:16 | 05:25 | SB-3 (0-2) |
| JB58123-4 | I191967.D | 01/23/14 | 10:45 | 05:54 | SB-3 (43-45) |
| JB58123-5 | I191968.D | 01/23/14 | 11:14 | 06:23 | SB-1 (0-2) |
| JB58123-6 | I191969.D | 01/23/14 | 11:43 | 06:52 | SB-1 (40-42) |
| JB58123-7 | I191970.D | 01/23/14 | 12:12 | 07:21 | SB-4 (0-2) |
| JB58123-8 | I191971.D | 01/23/14 | 12:42 | 07:51 | SB-4 (28-30) |
| JB58216-4 | I191972.D | 01/23/14 | 14:05 | 09:14 | SB-6 (49-51) |
| JB58216-1 | I191973.D | 01/23/14 | 14:34 | 09:43 | SB-10 (0-2) |
| JB58216-2 | I191974.D | 01/23/14 | 15:03 | 10:12 | SB-10 (28-30) |
| JB58216-3 | I191975.D | 01/23/14 | 15:40 | 10:49 | SB-6 (0-2) |
| JB58300-2 | I191976.D | 01/23/14 | 16:10 | 11:19 | (used for QC only; not part of job JB57522) |
| JB58300-2DUP | I191977.D | 01/23/14 | 16:39 | 11:48 | Duplicate |

Instrument Performance Check (BFB)

Job Number: JB57522
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| | |
|------------------------|--------------------------|
| Sample: VI7756-BFB | Injection Date: 01/24/14 |
| Lab File ID: I191980.D | Injection Time: 11:41 |
| Instrument ID: GCMSI | |

| m/e | Ion Abundance Criteria | Raw Abundance | % Relative Abundance | Pass/Fail |
|-----|------------------------------------|---------------|--------------------------|-----------|
| 50 | 15.0 - 40.0% of mass 95 | 13956 | 21.3 | Pass |
| 75 | 30.0 - 60.0% of mass 95 | 32104 | 49.1 | Pass |
| 95 | Base peak, 100% relative abundance | 65416 | 100.0 | Pass |
| 96 | 5.0 - 9.0% of mass 95 | 4561 | 6.97 | Pass |
| 173 | Less than 2.0% of mass 174 | 0 | 0.00 (0.00) ^a | Pass |
| 174 | 50.0 - 120.0% of mass 95 | 48362 | 73.9 | Pass |
| 175 | 5.0 - 9.0% of mass 174 | 4223 | 6.46 (8.73) ^a | Pass |
| 176 | 95.0 - 101.0% of mass 174 | 46930 | 71.7 (97.0) ^a | Pass |
| 177 | 5.0 - 9.0% of mass 176 | 2989 | 4.57 (6.37) ^b | Pass |

(a) Value is % of mass 174

(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

| Lab Sample ID | Lab File ID | Date Analyzed | Time Analyzed | Hours Lapsed | Client Sample ID |
|---------------|-------------|---------------|---------------|--------------|---|
| VI7756-CC7686 | I191981.D | 01/24/14 | 12:33 | 00:52 | Continuing cal 50 |
| ZZZZZZ | I191983A.D | 01/24/14 | 13:46 | 02:05 | (unrelated sample) |
| VI7756-MB1 | I191983.D | 01/24/14 | 13:46 | 02:05 | Method Blank |
| VI7755-MB2 | I191984.D | 01/24/14 | 14:20 | 02:39 | Method Blank |
| VI7756-BS | I191985.D | 01/24/14 | 15:30 | 03:49 | Blank Spike |
| JB58216-4MS | I191986.D | 01/24/14 | 16:05 | 04:24 | Matrix Spike |
| ZZZZZZ | I191987.D | 01/24/14 | 16:34 | 04:53 | (unrelated sample) |
| ZZZZZZ | I191988.D | 01/24/14 | 17:04 | 05:23 | (unrelated sample) |
| ZZZZZZ | I191989.D | 01/24/14 | 17:32 | 05:51 | (unrelated sample) |
| ZZZZZZ | I191990.D | 01/24/14 | 18:02 | 06:21 | (unrelated sample) |
| ZZZZZZ | I191991.D | 01/24/14 | 18:30 | 06:49 | (unrelated sample) |
| ZZZZZZ | I191992.D | 01/24/14 | 19:00 | 07:19 | (unrelated sample) |
| ZZZZZZ | I191993.D | 01/24/14 | 19:29 | 07:48 | (unrelated sample) |
| ZZZZZZ | I191995.D | 01/24/14 | 20:27 | 08:46 | (unrelated sample) |
| JB58396-4A | I191996.D | 01/24/14 | 20:56 | 09:15 | (used for QC only; not part of job JB57522) |
| JB58396-4ADUP | I191997.D | 01/24/14 | 21:25 | 09:44 | Duplicate |
| JB58399-1 | I191998.D | 01/24/14 | 21:54 | 10:13 | (used for QC only; not part of job JB57522) |
| JB58399-1MS | I191999.D | 01/24/14 | 22:23 | 10:42 | Matrix Spike |
| ZZZZZZ | I192000.D | 01/24/14 | 22:53 | 11:12 | (unrelated sample) |
| ZZZZZZ | I192001.D | 01/24/14 | 23:22 | 11:41 | (unrelated sample) |

6.6.10

6

Volatile Surrogate Recovery Summary

Job Number: JB57522

Account: AKRFNYNY AKRF

Project: Flushing Commons, Union Street, Flushing, NY

Method: SW846 8260C

Matrix: AQ

Samples and QC shown here apply to the above method

| Lab Sample ID | Lab File ID | S1 | S2 | S3 | S4 |
|---------------|-------------|-------|-------|-------|------|
| JB57522-5 | C187814.D | 99.0 | 99.0 | 99.0 | 96.0 |
| JB58216-5 | C188117.D | 96.0 | 94.0 | 102.0 | 98.0 |
| JB57521-24MS | C187806.D | 99.0 | 98.0 | 101.0 | 97.0 |
| JB57521-24MSD | C187807.D | 99.0 | 97.0 | 101.0 | 98.0 |
| JB57769-8MS | C188114.D | 98.0 | 95.0 | 102.0 | 98.0 |
| JB57769-8MSD | C188115.D | 97.0 | 94.0 | 103.0 | 98.0 |
| VC6818-BS | C187799.D | 103.0 | 100.0 | 97.0 | 95.0 |
| VC6818-MB | C187798.D | 103.0 | 102.0 | 95.0 | 93.0 |
| VC6829-BS | C188103.D | 101.0 | 97.0 | 100.0 | 97.0 |
| VC6829-MB1 | C188102.D | 97.0 | 95.0 | 100.0 | 97.0 |

| | |
|----------------------------|------------------------|
| Surrogate Compounds | Recovery Limits |
|----------------------------|------------------------|

| | |
|----------------------------|---------|
| S1 = Dibromofluoromethane | 79-117% |
| S2 = 1,2-Dichloroethane-D4 | 72-123% |
| S3 = Toluene-D8 | 82-118% |
| S4 = 4-Bromofluorobenzene | 75-118% |

6.7.1

6

Volatile Surrogate Recovery Summary

Job Number: JB57522
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| | |
|---------------------|------------|
| Method: SW846 8260C | Matrix: SO |
|---------------------|------------|

Samples and QC shown here apply to the above method

| Lab Sample ID | Lab File ID | S1 | S2 | S3 | S4 |
|---------------|-------------|-------|-------|------|-------|
| JB57522-1 | I191734.D | 98.0 | 114.0 | 90.0 | 105.0 |
| JB57522-2 | I191735.D | 96.0 | 108.0 | 92.0 | 103.0 |
| JB57522-3 | I191736.D | 98.0 | 108.0 | 91.0 | 106.0 |
| JB57522-4 | I191737.D | 95.0 | 104.0 | 92.0 | 103.0 |
| JB57666-1 | I191739.D | 96.0 | 108.0 | 91.0 | 103.0 |
| JB57666-2 | I191746.D | 95.0 | 107.0 | 92.0 | 107.0 |
| JB57834-1 | I191772.D | 94.0 | 104.0 | 92.0 | 103.0 |
| JB57834-2 | I191773.D | 94.0 | 109.0 | 93.0 | 104.0 |
| JB57834-3 | I191774.D | 97.0 | 111.0 | 91.0 | 105.0 |
| JB57834-4 | I191775.D | 94.0 | 104.0 | 94.0 | 106.0 |
| JB57834-5 | I191776.D | 87.0 | 92.0 | 97.0 | 113.0 |
| JB58123-3 | I191966.D | 97.0 | 99.0 | 96.0 | 100.0 |
| JB58123-4 | I191967.D | 103.0 | 102.0 | 95.0 | 94.0 |
| JB58123-5 | I191968.D | 105.0 | 107.0 | 92.0 | 96.0 |
| JB58123-6 | I191969.D | 104.0 | 105.0 | 93.0 | 96.0 |
| JB58123-7 | I191970.D | 106.0 | 109.0 | 90.0 | 95.0 |
| JB58123-8 | I191971.D | 102.0 | 103.0 | 93.0 | 97.0 |
| JB58216-1 | I191973.D | 101.0 | 102.0 | 93.0 | 95.0 |
| JB58216-2 | I191974.D | 103.0 | 103.0 | 92.0 | 96.0 |
| JB58216-3 | I191975.D | 100.0 | 102.0 | 93.0 | 94.0 |
| JB58216-4 | I191972.D | 99.0 | 97.0 | 94.0 | 97.0 |
| JB57463-14DUP | I191725.D | 95.0 | 106.0 | 90.0 | 106.0 |
| JB57463-15MS | I191726.D | 92.0 | 92.0 | 93.0 | 97.0 |
| JB57679-1DUP | I191752.D | 95.0 | 109.0 | 95.0 | 104.0 |
| JB57679-2MS | I191753.D | 82.0 | 81.0 | 99.0 | 107.0 |
| JB58216-4MS | I191986.D | 89.0 | 91.0 | 94.0 | 105.0 |
| JB58300-2DUP | I191977.D | 95.0 | 87.0 | 96.0 | 94.0 |
| VI7746-BS | I191710.D | 96.0 | 103.0 | 90.0 | 95.0 |
| VI7746-MB2 | I191732.D | 90.0 | 93.0 | 92.0 | 105.0 |
| VI7747-BS | I191744.D | 93.0 | 103.0 | 92.0 | 97.0 |
| VI7747-MB1 | I191743.D | 92.0 | 96.0 | 93.0 | 103.0 |
| VI7747-MB2 | I191765.D | 86.0 | 88.0 | 97.0 | 107.0 |
| VI7755-BS | I191964.D | 104.0 | 103.0 | 92.0 | 88.0 |
| VI7755-MB1 | I191963.D | 97.0 | 97.0 | 94.0 | 96.0 |
| VI7746-MB1 | I191709.D | 87.0 | 88.0 | 95.0 | 103.0 |
| VI7755-MB2 | I191984.D | 92.0 | 104.0 | 93.0 | 108.0 |

Surrogate Compounds Recovery Limits

6.7.2
6

Volatile Surrogate Recovery Summary

Job Number: JB57522

Account: AKRFNYYN AKRF

Project: Flushing Commons, Union Street, Flushing, NY

Method: SW846 8260C

Matrix: SO

Samples and QC shown here apply to the above method

| Surrogate Compounds | Recovery Limits |
|----------------------------|-----------------|
| S1 = Dibromofluoromethane | 59-130% |
| S2 = 1,2-Dichloroethane-D4 | 65-123% |
| S3 = Toluene-D8 | 80-124% |
| S4 = 4-Bromofluorobenzene | 71-132% |

GC/MS Semi-volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Instrument Performance Checks (DFTPP)
- Surrogate Recovery Summaries

Method Blank Summary

Job Number: JB57522

Account: AKRFNYNY AKRF

Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|-----------|----|----------|----|-----------|------------|------------------|
| OP71995-MB1 | M100999.D | 1 | 01/14/14 | KR | 01/14/14 | OP71995 | EM4113 |

The QC reported here applies to the following samples:

Method: SW846 8270D

JB57522-1, JB57522-2, JB57522-3, JB57522-4

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|----------------------------|--------|-----|-----|-------|---|
| 95-57-8 | 2-Chlorophenol | ND | 57 | 29 | ug/kg | |
| 59-50-7 | 4-Chloro-3-methyl phenol | ND | 140 | 29 | ug/kg | |
| 120-83-2 | 2,4-Dichlorophenol | ND | 140 | 46 | ug/kg | |
| 105-67-9 | 2,4-Dimethylphenol | ND | 140 | 48 | ug/kg | |
| 51-28-5 | 2,4-Dinitrophenol | ND | 570 | 35 | ug/kg | |
| 534-52-1 | 4,6-Dinitro-o-cresol | ND | 570 | 35 | ug/kg | |
| 95-48-7 | 2-Methylphenol | ND | 57 | 33 | ug/kg | |
| | 3&4-Methylphenol | ND | 57 | 36 | ug/kg | |
| 88-75-5 | 2-Nitrophenol | ND | 140 | 30 | ug/kg | |
| 100-02-7 | 4-Nitrophenol | ND | 290 | 48 | ug/kg | |
| 87-86-5 | Pentachlorophenol | ND | 290 | 49 | ug/kg | |
| 108-95-2 | Phenol | ND | 57 | 30 | ug/kg | |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | ND | 140 | 29 | ug/kg | |
| 95-95-4 | 2,4,5-Trichlorophenol | ND | 140 | 33 | ug/kg | |
| 88-06-2 | 2,4,6-Trichlorophenol | ND | 140 | 27 | ug/kg | |
| 83-32-9 | Acenaphthene | ND | 29 | 8.3 | ug/kg | |
| 208-96-8 | Acenaphthylene | ND | 29 | 9.1 | ug/kg | |
| 98-86-2 | Acetophenone | ND | 140 | 5.0 | ug/kg | |
| 120-12-7 | Anthracene | ND | 29 | 10 | ug/kg | |
| 1912-24-9 | Atrazine | ND | 57 | 5.6 | ug/kg | |
| 56-55-3 | Benzo(a)anthracene | ND | 29 | 9.3 | ug/kg | |
| 50-32-8 | Benzo(a)pyrene | ND | 29 | 8.7 | ug/kg | |
| 205-99-2 | Benzo(b)fluoranthene | ND | 29 | 9.5 | ug/kg | |
| 191-24-2 | Benzo(g,h,i)perylene | ND | 29 | 11 | ug/kg | |
| 207-08-9 | Benzo(k)fluoranthene | ND | 29 | 11 | ug/kg | |
| 101-55-3 | 4-Bromophenyl phenyl ether | ND | 57 | 10 | ug/kg | |
| 85-68-7 | Butyl benzyl phthalate | ND | 57 | 17 | ug/kg | |
| 92-52-4 | 1,1'-Biphenyl | ND | 57 | 3.3 | ug/kg | |
| 100-52-7 | Benzaldehyde | ND | 140 | 6.6 | ug/kg | |
| 91-58-7 | 2-Chloronaphthalene | ND | 57 | 8.9 | ug/kg | |
| 106-47-8 | 4-Chloroaniline | ND | 140 | 9.1 | ug/kg | |
| 86-74-8 | Carbazole | ND | 57 | 13 | ug/kg | |
| 105-60-2 | Caprolactam | ND | 57 | 9.0 | ug/kg | |
| 218-01-9 | Chrysene | ND | 29 | 9.7 | ug/kg | |
| 111-91-1 | bis(2-Chloroethoxy)methane | ND | 57 | 12 | ug/kg | |
| 111-44-4 | bis(2-Chloroethyl)ether | ND | 57 | 8.6 | ug/kg | |

Method Blank Summary

Job Number: JB57522
Account: AKRFNYNY AKRF
Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|-----------|----|----------|----|-----------|------------|------------------|
| OP71995-MB1 | M100999.D | 1 | 01/14/14 | KR | 01/14/14 | OP71995 | EM4113 |

The QC reported here applies to the following samples:

Method: SW846 8270D

JB57522-1, JB57522-2, JB57522-3, JB57522-4

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|-----------------------------|--------|-----|-----|-------|---|
| 108-60-1 | bis(2-Chloroisopropyl)ether | ND | 57 | 8.5 | ug/kg | |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | ND | 57 | 8.6 | ug/kg | |
| 121-14-2 | 2,4-Dinitrotoluene | ND | 29 | 12 | ug/kg | |
| 606-20-2 | 2,6-Dinitrotoluene | ND | 29 | 11 | ug/kg | |
| 91-94-1 | 3,3'-Dichlorobenzidine | ND | 57 | 7.3 | ug/kg | |
| 123-91-1 | 1,4-Dioxane | ND | 29 | 19 | ug/kg | |
| 53-70-3 | Dibenzo(a,h)anthracene | ND | 29 | 9.7 | ug/kg | |
| 132-64-9 | Dibenzofuran | ND | 57 | 8.5 | ug/kg | |
| 84-74-2 | Di-n-butyl phthalate | ND | 57 | 6.3 | ug/kg | |
| 117-84-0 | Di-n-octyl phthalate | ND | 57 | 14 | ug/kg | |
| 84-66-2 | Diethyl phthalate | ND | 57 | 9.7 | ug/kg | |
| 131-11-3 | Dimethyl phthalate | ND | 57 | 10 | ug/kg | |
| 117-81-7 | bis(2-Ethylhexyl)phthalate | ND | 57 | 25 | ug/kg | |
| 206-44-0 | Fluoranthene | ND | 29 | 13 | ug/kg | |
| 86-73-7 | Fluorene | ND | 29 | 9.4 | ug/kg | |
| 118-74-1 | Hexachlorobenzene | ND | 57 | 9.3 | ug/kg | |
| 87-68-3 | Hexachlorobutadiene | ND | 29 | 7.9 | ug/kg | |
| 77-47-4 | Hexachlorocyclopentadiene | ND | 290 | 29 | ug/kg | |
| 67-72-1 | Hexachloroethane | ND | 140 | 7.9 | ug/kg | |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | ND | 29 | 9.9 | ug/kg | |
| 78-59-1 | Isophorone | ND | 57 | 7.7 | ug/kg | |
| 91-57-6 | 2-Methylnaphthalene | ND | 57 | 16 | ug/kg | |
| 88-74-4 | 2-Nitroaniline | ND | 140 | 13 | ug/kg | |
| 99-09-2 | 3-Nitroaniline | ND | 140 | 11 | ug/kg | |
| 100-01-6 | 4-Nitroaniline | ND | 140 | 11 | ug/kg | |
| 91-20-3 | Naphthalene | ND | 29 | 7.8 | ug/kg | |
| 98-95-3 | Nitrobenzene | ND | 57 | 8.3 | ug/kg | |
| 621-64-7 | N-Nitroso-di-n-propylamine | ND | 57 | 7.0 | ug/kg | |
| 86-30-6 | N-Nitrosodiphenylamine | ND | 140 | 17 | ug/kg | |
| 85-01-8 | Phenanthrene | ND | 29 | 13 | ug/kg | |
| 129-00-0 | Pyrene | ND | 29 | 11 | ug/kg | |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | ND | 140 | 8.8 | ug/kg | |

Method Blank Summary

Job Number: JB57522
Account: AKRFNYNY AKRF
Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|-----------|----|----------|----|-----------|------------|------------------|
| OP71995-MB1 | M100999.D | 1 | 01/14/14 | KR | 01/14/14 | OP71995 | EM4113 |

The QC reported here applies to the following samples:

Method: SW846 8270D

JB57522-1, JB57522-2, JB57522-3, JB57522-4

| CAS No. | Surrogate Recoveries | Limits |
|-----------|----------------------|-------------|
| 367-12-4 | 2-Fluorophenol | 92% 13-110% |
| 4165-62-2 | Phenol-d5 | 84% 15-110% |
| 118-79-6 | 2,4,6-Tribromophenol | 76% 20-123% |
| 4165-60-0 | Nitrobenzene-d5 | 90% 10-110% |
| 321-60-8 | 2-Fluorobiphenyl | 84% 17-110% |
| 1718-51-0 | Terphenyl-d14 | 92% 30-124% |

| CAS No. | Tentatively Identified Compounds | R.T. | Est. Conc. | Units | Q |
|---------|------------------------------------|------|------------|-------|---|
| | system artifact | 3.61 | 120 | ug/kg | J |
| | system artifact/aldol-condensation | 3.65 | 2500 | ug/kg | J |
| | Total TIC, Semi-Volatile | | 0 | ug/kg | |

7.1.1
7

Method Blank Summary

Job Number: JB57522

Account: AKRFNYNY AKRF

Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|-----------|----|----------|----|-----------|------------|------------------|
| OP71995-MB1 | 3P28479.D | 1 | 01/15/14 | AD | 01/14/14 | OP71995 | E3P1205 |

The QC reported here applies to the following samples:

Method: SW846 8270D

JB57522-1, JB57522-2, JB57522-3, JB57522-4

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|----------------------------|--------|-----|-----|-------|---|
| 95-57-8 | 2-Chlorophenol | ND | 57 | 29 | ug/kg | |
| 59-50-7 | 4-Chloro-3-methyl phenol | ND | 140 | 29 | ug/kg | |
| 120-83-2 | 2,4-Dichlorophenol | ND | 140 | 46 | ug/kg | |
| 105-67-9 | 2,4-Dimethylphenol | ND | 140 | 48 | ug/kg | |
| 51-28-5 | 2,4-Dinitrophenol | ND | 570 | 35 | ug/kg | |
| 534-52-1 | 4,6-Dinitro-o-cresol | ND | 570 | 35 | ug/kg | |
| 95-48-7 | 2-Methylphenol | ND | 57 | 33 | ug/kg | |
| | 3&4-Methylphenol | ND | 57 | 36 | ug/kg | |
| 88-75-5 | 2-Nitrophenol | ND | 140 | 30 | ug/kg | |
| 100-02-7 | 4-Nitrophenol | ND | 290 | 48 | ug/kg | |
| 87-86-5 | Pentachlorophenol | ND | 290 | 49 | ug/kg | |
| 108-95-2 | Phenol | ND | 57 | 30 | ug/kg | |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | ND | 140 | 29 | ug/kg | |
| 95-95-4 | 2,4,5-Trichlorophenol | ND | 140 | 33 | ug/kg | |
| 88-06-2 | 2,4,6-Trichlorophenol | ND | 140 | 27 | ug/kg | |
| 83-32-9 | Acenaphthene | ND | 29 | 8.3 | ug/kg | |
| 208-96-8 | Acenaphthylene | ND | 29 | 9.1 | ug/kg | |
| 98-86-2 | Acetophenone | ND | 140 | 5.0 | ug/kg | |
| 120-12-7 | Anthracene | ND | 29 | 10 | ug/kg | |
| 1912-24-9 | Atrazine | ND | 57 | 5.6 | ug/kg | |
| 56-55-3 | Benzo(a)anthracene | ND | 29 | 9.3 | ug/kg | |
| 50-32-8 | Benzo(a)pyrene | ND | 29 | 8.7 | ug/kg | |
| 205-99-2 | Benzo(b)fluoranthene | ND | 29 | 9.5 | ug/kg | |
| 191-24-2 | Benzo(g,h,i)perylene | ND | 29 | 11 | ug/kg | |
| 207-08-9 | Benzo(k)fluoranthene | ND | 29 | 11 | ug/kg | |
| 101-55-3 | 4-Bromophenyl phenyl ether | ND | 57 | 10 | ug/kg | |
| 85-68-7 | Butyl benzyl phthalate | ND | 57 | 17 | ug/kg | |
| 92-52-4 | 1,1'-Biphenyl | ND | 57 | 3.3 | ug/kg | |
| 100-52-7 | Benzaldehyde | ND | 140 | 6.6 | ug/kg | |
| 91-58-7 | 2-Chloronaphthalene | ND | 57 | 8.9 | ug/kg | |
| 106-47-8 | 4-Chloroaniline | ND | 140 | 9.1 | ug/kg | |
| 86-74-8 | Carbazole | ND | 57 | 13 | ug/kg | |
| 105-60-2 | Caprolactam | ND | 57 | 9.0 | ug/kg | |
| 218-01-9 | Chrysene | ND | 29 | 9.7 | ug/kg | |
| 111-91-1 | bis(2-Chloroethoxy)methane | ND | 57 | 12 | ug/kg | |
| 111-44-4 | bis(2-Chloroethyl)ether | ND | 57 | 8.6 | ug/kg | |

Method Blank Summary

Job Number: JB57522
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|-----------|----|----------|----|-----------|------------|------------------|
| OP71995-MB1 | 3P28479.D | 1 | 01/15/14 | AD | 01/14/14 | OP71995 | E3P1205 |

The QC reported here applies to the following samples:

Method: SW846 8270D

JB57522-1, JB57522-2, JB57522-3, JB57522-4

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|-----------------------------|--------|-----|-----|-------|---|
| 108-60-1 | bis(2-Chloroisopropyl)ether | ND | 57 | 8.5 | ug/kg | |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | ND | 57 | 8.6 | ug/kg | |
| 121-14-2 | 2,4-Dinitrotoluene | ND | 29 | 12 | ug/kg | |
| 606-20-2 | 2,6-Dinitrotoluene | ND | 29 | 11 | ug/kg | |
| 91-94-1 | 3,3'-Dichlorobenzidine | ND | 57 | 7.3 | ug/kg | |
| 123-91-1 | 1,4-Dioxane | ND | 29 | 19 | ug/kg | |
| 53-70-3 | Dibenzo(a,h)anthracene | ND | 29 | 9.7 | ug/kg | |
| 132-64-9 | Dibenzofuran | ND | 57 | 8.5 | ug/kg | |
| 84-74-2 | Di-n-butyl phthalate | ND | 57 | 6.3 | ug/kg | |
| 117-84-0 | Di-n-octyl phthalate | ND | 57 | 14 | ug/kg | |
| 84-66-2 | Diethyl phthalate | ND | 57 | 9.7 | ug/kg | |
| 131-11-3 | Dimethyl phthalate | ND | 57 | 10 | ug/kg | |
| 117-81-7 | bis(2-Ethylhexyl)phthalate | 109 | 57 | 25 | ug/kg | |
| 206-44-0 | Fluoranthene | ND | 29 | 13 | ug/kg | |
| 86-73-7 | Fluorene | ND | 29 | 9.4 | ug/kg | |
| 118-74-1 | Hexachlorobenzene | ND | 57 | 9.3 | ug/kg | |
| 87-68-3 | Hexachlorobutadiene | ND | 29 | 7.9 | ug/kg | |
| 77-47-4 | Hexachlorocyclopentadiene | ND | 290 | 29 | ug/kg | |
| 67-72-1 | Hexachloroethane | ND | 140 | 7.9 | ug/kg | |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | ND | 29 | 9.9 | ug/kg | |
| 78-59-1 | Isophorone | ND | 57 | 7.7 | ug/kg | |
| 91-57-6 | 2-Methylnaphthalene | ND | 57 | 16 | ug/kg | |
| 88-74-4 | 2-Nitroaniline | ND | 140 | 13 | ug/kg | |
| 99-09-2 | 3-Nitroaniline | ND | 140 | 11 | ug/kg | |
| 100-01-6 | 4-Nitroaniline | ND | 140 | 11 | ug/kg | |
| 91-20-3 | Naphthalene | ND | 29 | 7.8 | ug/kg | |
| 98-95-3 | Nitrobenzene | ND | 57 | 8.3 | ug/kg | |
| 621-64-7 | N-Nitroso-di-n-propylamine | ND | 57 | 7.0 | ug/kg | |
| 86-30-6 | N-Nitrosodiphenylamine | ND | 140 | 17 | ug/kg | |
| 85-01-8 | Phenanthrene | ND | 29 | 13 | ug/kg | |
| 129-00-0 | Pyrene | ND | 29 | 11 | ug/kg | |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | ND | 140 | 8.8 | ug/kg | |

7.1.2
7

Method Blank Summary

Job Number: JB57522
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|-----------|----|----------|----|-----------|------------|------------------|
| OP71995-MB1 | 3P28479.D | 1 | 01/15/14 | AD | 01/14/14 | OP71995 | E3P1205 |

The QC reported here applies to the following samples:

Method: SW846 8270D

JB57522-1, JB57522-2, JB57522-3, JB57522-4

| CAS No. | Surrogate Recoveries | Limits |
|-----------|----------------------|--------------|
| 367-12-4 | 2-Fluorophenol | 78% 13-110% |
| 4165-62-2 | Phenol-d5 | 76% 15-110% |
| 118-79-6 | 2,4,6-Tribromophenol | 87% 20-123% |
| 4165-60-0 | Nitrobenzene-d5 | 79% 10-110% |
| 321-60-8 | 2-Fluorobiphenyl | 82% 17-110% |
| 1718-51-0 | Terphenyl-d14 | 100% 30-124% |

| CAS No. | Tentatively Identified Compounds | R.T. | Est. Conc. | Units | Q |
|---------|------------------------------------|------|------------|-------|---|
| | system artifact/aldol-condensation | 3.52 | 2000 | ug/kg | J |
| | Total TIC, Semi-Volatile | | 0 | ug/kg | |

7.1.2
7

Method Blank Summary

Job Number: JB57522
Account: AKRFNYNY AKRF
Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|-----------|----|----------|----|-----------|------------|------------------|
| OP72024-MB1 | 2P32601.D | 1 | 01/16/14 | EA | 01/15/14 | OP72024 | E2P1337 |

The QC reported here applies to the following samples:

Method: SW846 8270D

JB57666-1, JB57666-2

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|----------------------------|--------|-----|-----|-------|---|
| 95-57-8 | 2-Chlorophenol | ND | 57 | 29 | ug/kg | |
| 59-50-7 | 4-Chloro-3-methyl phenol | ND | 140 | 29 | ug/kg | |
| 120-83-2 | 2,4-Dichlorophenol | ND | 140 | 46 | ug/kg | |
| 105-67-9 | 2,4-Dimethylphenol | ND | 140 | 48 | ug/kg | |
| 51-28-5 | 2,4-Dinitrophenol | ND | 570 | 35 | ug/kg | |
| 534-52-1 | 4,6-Dinitro-o-cresol | ND | 570 | 35 | ug/kg | |
| 95-48-7 | 2-Methylphenol | ND | 57 | 33 | ug/kg | |
| | 3&4-Methylphenol | ND | 57 | 36 | ug/kg | |
| 88-75-5 | 2-Nitrophenol | ND | 140 | 30 | ug/kg | |
| 100-02-7 | 4-Nitrophenol | ND | 290 | 48 | ug/kg | |
| 87-86-5 | Pentachlorophenol | ND | 290 | 49 | ug/kg | |
| 108-95-2 | Phenol | ND | 57 | 30 | ug/kg | |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | ND | 140 | 29 | ug/kg | |
| 95-95-4 | 2,4,5-Trichlorophenol | ND | 140 | 33 | ug/kg | |
| 88-06-2 | 2,4,6-Trichlorophenol | ND | 140 | 27 | ug/kg | |
| 83-32-9 | Acenaphthene | ND | 29 | 8.3 | ug/kg | |
| 208-96-8 | Acenaphthylene | ND | 29 | 9.1 | ug/kg | |
| 98-86-2 | Acetophenone | ND | 140 | 5.0 | ug/kg | |
| 120-12-7 | Anthracene | ND | 29 | 10 | ug/kg | |
| 1912-24-9 | Atrazine | ND | 57 | 5.6 | ug/kg | |
| 56-55-3 | Benzo(a)anthracene | ND | 29 | 9.3 | ug/kg | |
| 50-32-8 | Benzo(a)pyrene | ND | 29 | 8.7 | ug/kg | |
| 205-99-2 | Benzo(b)fluoranthene | ND | 29 | 9.5 | ug/kg | |
| 191-24-2 | Benzo(g,h,i)perylene | ND | 29 | 11 | ug/kg | |
| 207-08-9 | Benzo(k)fluoranthene | ND | 29 | 11 | ug/kg | |
| 101-55-3 | 4-Bromophenyl phenyl ether | ND | 57 | 10 | ug/kg | |
| 85-68-7 | Butyl benzyl phthalate | ND | 57 | 17 | ug/kg | |
| 92-52-4 | 1,1'-Biphenyl | ND | 57 | 3.3 | ug/kg | |
| 100-52-7 | Benzaldehyde | ND | 140 | 6.6 | ug/kg | |
| 91-58-7 | 2-Chloronaphthalene | ND | 57 | 8.9 | ug/kg | |
| 106-47-8 | 4-Chloroaniline | ND | 140 | 9.1 | ug/kg | |
| 86-74-8 | Carbazole | ND | 57 | 13 | ug/kg | |
| 105-60-2 | Caprolactam | ND | 57 | 9.0 | ug/kg | |
| 218-01-9 | Chrysene | ND | 29 | 9.7 | ug/kg | |
| 111-91-1 | bis(2-Chloroethoxy)methane | ND | 57 | 12 | ug/kg | |
| 111-44-4 | bis(2-Chloroethyl)ether | ND | 57 | 8.6 | ug/kg | |

Method Blank Summary

Job Number: JB57522
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|-----------|----|----------|----|-----------|------------|------------------|
| OP72024-MB1 | 2P32601.D | 1 | 01/16/14 | EA | 01/15/14 | OP72024 | E2P1337 |

The QC reported here applies to the following samples:

Method: SW846 8270D

JB57666-1, JB57666-2

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|-----------------------------|--------|-----|-----|-------|---|
| 108-60-1 | bis(2-Chloroisopropyl)ether | ND | 57 | 8.5 | ug/kg | |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | ND | 57 | 8.6 | ug/kg | |
| 121-14-2 | 2,4-Dinitrotoluene | ND | 29 | 12 | ug/kg | |
| 606-20-2 | 2,6-Dinitrotoluene | ND | 29 | 11 | ug/kg | |
| 91-94-1 | 3,3'-Dichlorobenzidine | ND | 57 | 7.3 | ug/kg | |
| 123-91-1 | 1,4-Dioxane | ND | 29 | 19 | ug/kg | |
| 53-70-3 | Dibenzo(a,h)anthracene | ND | 29 | 9.7 | ug/kg | |
| 132-64-9 | Dibenzofuran | ND | 57 | 8.5 | ug/kg | |
| 84-74-2 | Di-n-butyl phthalate | ND | 57 | 6.3 | ug/kg | |
| 117-84-0 | Di-n-octyl phthalate | ND | 57 | 14 | ug/kg | |
| 84-66-2 | Diethyl phthalate | ND | 57 | 9.7 | ug/kg | |
| 131-11-3 | Dimethyl phthalate | ND | 57 | 10 | ug/kg | |
| 117-81-7 | bis(2-Ethylhexyl)phthalate | ND | 57 | 25 | ug/kg | |
| 206-44-0 | Fluoranthene | ND | 29 | 13 | ug/kg | |
| 86-73-7 | Fluorene | ND | 29 | 9.4 | ug/kg | |
| 118-74-1 | Hexachlorobenzene | ND | 57 | 9.3 | ug/kg | |
| 87-68-3 | Hexachlorobutadiene | ND | 29 | 7.9 | ug/kg | |
| 77-47-4 | Hexachlorocyclopentadiene | ND | 290 | 29 | ug/kg | |
| 67-72-1 | Hexachloroethane | ND | 140 | 7.9 | ug/kg | |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | ND | 29 | 9.9 | ug/kg | |
| 78-59-1 | Isophorone | ND | 57 | 7.7 | ug/kg | |
| 91-57-6 | 2-Methylnaphthalene | ND | 57 | 16 | ug/kg | |
| 88-74-4 | 2-Nitroaniline | ND | 140 | 13 | ug/kg | |
| 99-09-2 | 3-Nitroaniline | ND | 140 | 11 | ug/kg | |
| 100-01-6 | 4-Nitroaniline | ND | 140 | 11 | ug/kg | |
| 91-20-3 | Naphthalene | ND | 29 | 7.8 | ug/kg | |
| 98-95-3 | Nitrobenzene | ND | 57 | 8.3 | ug/kg | |
| 621-64-7 | N-Nitroso-di-n-propylamine | ND | 57 | 7.0 | ug/kg | |
| 86-30-6 | N-Nitrosodiphenylamine | ND | 140 | 17 | ug/kg | |
| 85-01-8 | Phenanthrene | ND | 29 | 13 | ug/kg | |
| 129-00-0 | Pyrene | ND | 29 | 11 | ug/kg | |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | ND | 140 | 8.8 | ug/kg | |

Method Blank Summary

Job Number: JB57522
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|-----------|----|----------|----|-----------|------------|------------------|
| OP72024-MB1 | 2P32601.D | 1 | 01/16/14 | EA | 01/15/14 | OP72024 | E2P1337 |

The QC reported here applies to the following samples:

Method: SW846 8270D

JB57666-1, JB57666-2

| CAS No. | Surrogate Recoveries | Limits |
|-----------|----------------------|-------------|
| 367-12-4 | 2-Fluorophenol | 70% 13-110% |
| 4165-62-2 | Phenol-d5 | 68% 15-110% |
| 118-79-6 | 2,4,6-Tribromophenol | 87% 20-123% |
| 4165-60-0 | Nitrobenzene-d5 | 89% 10-110% |
| 321-60-8 | 2-Fluorobiphenyl | 87% 17-110% |
| 1718-51-0 | Terphenyl-d14 | 98% 30-124% |

| CAS No. | Tentatively Identified Compounds | R.T. | Est. Conc. | Units | Q |
|---------|------------------------------------|------|------------|-------|---|
| | system artifact | 2.36 | 1500 | ug/kg | J |
| | system artifact | 2.58 | 160 | ug/kg | J |
| | system artifact | 3.49 | 150 | ug/kg | J |
| | system artifact/aldol-condensation | 3.55 | 1300 | ug/kg | J |
| | Total TIC, Semi-Volatile | | 0 | ug/kg | |

Method Blank Summary

Job Number: JB57522

Account: AKRFNYNY AKRF

Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|----------|----|----------|----|-----------|------------|------------------|
| OP72024-MB1 | Z88116.D | 1 | 01/16/14 | EP | 01/15/14 | OP72024 | EZ4399 |

The QC reported here applies to the following samples:

Method: SW846 8270D

JB57666-1, JB57666-2

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|----------------------------|--------|-----|-----|-------|---|
| 95-57-8 | 2-Chlorophenol | ND | 57 | 29 | ug/kg | |
| 59-50-7 | 4-Chloro-3-methyl phenol | ND | 140 | 29 | ug/kg | |
| 120-83-2 | 2,4-Dichlorophenol | ND | 140 | 46 | ug/kg | |
| 105-67-9 | 2,4-Dimethylphenol | ND | 140 | 48 | ug/kg | |
| 51-28-5 | 2,4-Dinitrophenol | ND | 570 | 35 | ug/kg | |
| 534-52-1 | 4,6-Dinitro-o-cresol | ND | 570 | 35 | ug/kg | |
| 95-48-7 | 2-Methylphenol | ND | 57 | 33 | ug/kg | |
| | 3&4-Methylphenol | ND | 57 | 36 | ug/kg | |
| 88-75-5 | 2-Nitrophenol | ND | 140 | 30 | ug/kg | |
| 100-02-7 | 4-Nitrophenol | ND | 290 | 48 | ug/kg | |
| 87-86-5 | Pentachlorophenol | ND | 290 | 49 | ug/kg | |
| 108-95-2 | Phenol | ND | 57 | 30 | ug/kg | |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | ND | 140 | 29 | ug/kg | |
| 95-95-4 | 2,4,5-Trichlorophenol | ND | 140 | 33 | ug/kg | |
| 88-06-2 | 2,4,6-Trichlorophenol | ND | 140 | 27 | ug/kg | |
| 83-32-9 | Acenaphthene | ND | 29 | 8.3 | ug/kg | |
| 208-96-8 | Acenaphthylene | ND | 29 | 9.1 | ug/kg | |
| 98-86-2 | Acetophenone | ND | 140 | 5.0 | ug/kg | |
| 120-12-7 | Anthracene | ND | 29 | 10 | ug/kg | |
| 1912-24-9 | Atrazine | ND | 57 | 5.6 | ug/kg | |
| 56-55-3 | Benzo(a)anthracene | ND | 29 | 9.3 | ug/kg | |
| 50-32-8 | Benzo(a)pyrene | ND | 29 | 8.7 | ug/kg | |
| 205-99-2 | Benzo(b)fluoranthene | ND | 29 | 9.5 | ug/kg | |
| 191-24-2 | Benzo(g,h,i)perylene | ND | 29 | 11 | ug/kg | |
| 207-08-9 | Benzo(k)fluoranthene | ND | 29 | 11 | ug/kg | |
| 101-55-3 | 4-Bromophenyl phenyl ether | ND | 57 | 10 | ug/kg | |
| 85-68-7 | Butyl benzyl phthalate | ND | 57 | 17 | ug/kg | |
| 92-52-4 | 1,1'-Biphenyl | ND | 57 | 3.3 | ug/kg | |
| 100-52-7 | Benzaldehyde | ND | 140 | 6.6 | ug/kg | |
| 91-58-7 | 2-Chloronaphthalene | ND | 57 | 8.9 | ug/kg | |
| 106-47-8 | 4-Chloroaniline | ND | 140 | 9.1 | ug/kg | |
| 86-74-8 | Carbazole | ND | 57 | 13 | ug/kg | |
| 105-60-2 | Caprolactam | ND | 57 | 9.0 | ug/kg | |
| 218-01-9 | Chrysene | ND | 29 | 9.7 | ug/kg | |
| 111-91-1 | bis(2-Chloroethoxy)methane | ND | 57 | 12 | ug/kg | |
| 111-44-4 | bis(2-Chloroethyl)ether | ND | 57 | 8.6 | ug/kg | |

Method Blank Summary

Job Number: JB57522
Account: AKRFNYNY AKRF
Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|----------|----|----------|----|-----------|------------|------------------|
| OP72024-MB1 | Z88116.D | 1 | 01/16/14 | EP | 01/15/14 | OP72024 | EZ4399 |

The QC reported here applies to the following samples:

Method: SW846 8270D

JB57666-1, JB57666-2

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|-----------------------------|--------|-----|-----|-------|---|
| 108-60-1 | bis(2-Chloroisopropyl)ether | ND | 57 | 8.5 | ug/kg | |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | ND | 57 | 8.6 | ug/kg | |
| 121-14-2 | 2,4-Dinitrotoluene | ND | 29 | 12 | ug/kg | |
| 606-20-2 | 2,6-Dinitrotoluene | ND | 29 | 11 | ug/kg | |
| 91-94-1 | 3,3'-Dichlorobenzidine | ND | 57 | 7.3 | ug/kg | |
| 123-91-1 | 1,4-Dioxane | ND | 29 | 19 | ug/kg | |
| 53-70-3 | Dibenzo(a,h)anthracene | ND | 29 | 9.7 | ug/kg | |
| 132-64-9 | Dibenzofuran | ND | 57 | 8.5 | ug/kg | |
| 84-74-2 | Di-n-butyl phthalate | ND | 57 | 6.3 | ug/kg | |
| 117-84-0 | Di-n-octyl phthalate | ND | 57 | 14 | ug/kg | |
| 84-66-2 | Diethyl phthalate | ND | 57 | 9.7 | ug/kg | |
| 131-11-3 | Dimethyl phthalate | ND | 57 | 10 | ug/kg | |
| 117-81-7 | bis(2-Ethylhexyl)phthalate | ND | 57 | 25 | ug/kg | |
| 206-44-0 | Fluoranthene | ND | 29 | 13 | ug/kg | |
| 86-73-7 | Fluorene | ND | 29 | 9.4 | ug/kg | |
| 118-74-1 | Hexachlorobenzene | ND | 57 | 9.3 | ug/kg | |
| 87-68-3 | Hexachlorobutadiene | ND | 29 | 7.9 | ug/kg | |
| 77-47-4 | Hexachlorocyclopentadiene | ND | 290 | 29 | ug/kg | |
| 67-72-1 | Hexachloroethane | ND | 140 | 7.9 | ug/kg | |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | ND | 29 | 9.9 | ug/kg | |
| 78-59-1 | Isophorone | ND | 57 | 7.7 | ug/kg | |
| 91-57-6 | 2-Methylnaphthalene | ND | 57 | 16 | ug/kg | |
| 88-74-4 | 2-Nitroaniline | ND | 140 | 13 | ug/kg | |
| 99-09-2 | 3-Nitroaniline | ND | 140 | 11 | ug/kg | |
| 100-01-6 | 4-Nitroaniline | ND | 140 | 11 | ug/kg | |
| 91-20-3 | Naphthalene | ND | 29 | 7.8 | ug/kg | |
| 98-95-3 | Nitrobenzene | ND | 57 | 8.3 | ug/kg | |
| 621-64-7 | N-Nitroso-di-n-propylamine | ND | 57 | 7.0 | ug/kg | |
| 86-30-6 | N-Nitrosodiphenylamine | ND | 140 | 17 | ug/kg | |
| 85-01-8 | Phenanthrene | ND | 29 | 13 | ug/kg | |
| 129-00-0 | Pyrene | ND | 29 | 11 | ug/kg | |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | ND | 140 | 8.8 | ug/kg | |

Method Blank Summary

Job Number: JB57522
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|----------|----|----------|----|-----------|------------|------------------|
| OP72024-MB1 | Z88116.D | 1 | 01/16/14 | EP | 01/15/14 | OP72024 | EZ4399 |

The QC reported here applies to the following samples:

Method: SW846 8270D

JB57666-1, JB57666-2

| CAS No. | Surrogate Recoveries | Limits |
|-----------|----------------------|-------------|
| 367-12-4 | 2-Fluorophenol | 89% 13-110% |
| 4165-62-2 | Phenol-d5 | 78% 15-110% |
| 118-79-6 | 2,4,6-Tribromophenol | 78% 20-123% |
| 4165-60-0 | Nitrobenzene-d5 | 83% 10-110% |
| 321-60-8 | 2-Fluorobiphenyl | 83% 17-110% |
| 3386-33-2 | 1-Chlorooctadecane | 0% -% |
| 1718-51-0 | Terphenyl-d14 | 97% 30-124% |

| CAS No. | Tentatively Identified Compounds | R.T. | Est. Conc. | Units | Q |
|---------|------------------------------------|------|------------|-------|---|
| | system artifact | 2.10 | 250 | ug/kg | J |
| | system artifact | 2.20 | 1100 | ug/kg | J |
| | system artifact | 2.49 | 140 | ug/kg | J |
| | system artifact/aldol-condensation | 4.04 | 1200 | ug/kg | J |
| | Total TIC, Semi-Volatile | | 0 | ug/kg | |

7.1.4

7

Method Blank Summary

Job Number: JB57522
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|----------|----|----------|----|-----------|------------|------------------|
| OP72054-MB1 | Z88118.D | 1 | 01/16/14 | EP | 01/16/14 | OP72054 | EZ4399 |

The QC reported here applies to the following samples:

Method: SW846 8270D

JB57834-1, JB57834-2, JB57834-3, JB57834-4, JB57834-5

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|----------------------------|--------|-----|-----|-------|---|
| 95-57-8 | 2-Chlorophenol | ND | 57 | 29 | ug/kg | |
| 59-50-7 | 4-Chloro-3-methyl phenol | ND | 140 | 29 | ug/kg | |
| 120-83-2 | 2,4-Dichlorophenol | ND | 140 | 46 | ug/kg | |
| 105-67-9 | 2,4-Dimethylphenol | ND | 140 | 48 | ug/kg | |
| 51-28-5 | 2,4-Dinitrophenol | ND | 570 | 35 | ug/kg | |
| 534-52-1 | 4,6-Dinitro-o-cresol | ND | 570 | 35 | ug/kg | |
| 95-48-7 | 2-Methylphenol | ND | 57 | 33 | ug/kg | |
| | 3&4-Methylphenol | ND | 57 | 36 | ug/kg | |
| 88-75-5 | 2-Nitrophenol | ND | 140 | 30 | ug/kg | |
| 100-02-7 | 4-Nitrophenol | ND | 290 | 48 | ug/kg | |
| 87-86-5 | Pentachlorophenol | ND | 290 | 49 | ug/kg | |
| 108-95-2 | Phenol | ND | 57 | 30 | ug/kg | |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | ND | 140 | 29 | ug/kg | |
| 95-95-4 | 2,4,5-Trichlorophenol | ND | 140 | 33 | ug/kg | |
| 88-06-2 | 2,4,6-Trichlorophenol | ND | 140 | 27 | ug/kg | |
| 83-32-9 | Acenaphthene | ND | 29 | 8.3 | ug/kg | |
| 208-96-8 | Acenaphthylene | ND | 29 | 9.1 | ug/kg | |
| 98-86-2 | Acetophenone | ND | 140 | 5.0 | ug/kg | |
| 120-12-7 | Anthracene | ND | 29 | 10 | ug/kg | |
| 1912-24-9 | Atrazine | ND | 57 | 5.6 | ug/kg | |
| 56-55-3 | Benzo(a)anthracene | ND | 29 | 9.3 | ug/kg | |
| 50-32-8 | Benzo(a)pyrene | ND | 29 | 8.7 | ug/kg | |
| 205-99-2 | Benzo(b)fluoranthene | ND | 29 | 9.5 | ug/kg | |
| 191-24-2 | Benzo(g,h,i)perylene | ND | 29 | 11 | ug/kg | |
| 207-08-9 | Benzo(k)fluoranthene | ND | 29 | 11 | ug/kg | |
| 101-55-3 | 4-Bromophenyl phenyl ether | ND | 57 | 10 | ug/kg | |
| 85-68-7 | Butyl benzyl phthalate | ND | 57 | 17 | ug/kg | |
| 92-52-4 | 1,1'-Biphenyl | ND | 57 | 3.3 | ug/kg | |
| 100-52-7 | Benzaldehyde | ND | 140 | 6.6 | ug/kg | |
| 91-58-7 | 2-Chloronaphthalene | ND | 57 | 8.9 | ug/kg | |
| 106-47-8 | 4-Chloroaniline | ND | 140 | 9.1 | ug/kg | |
| 86-74-8 | Carbazole | ND | 57 | 13 | ug/kg | |
| 105-60-2 | Caprolactam | ND | 57 | 9.0 | ug/kg | |
| 218-01-9 | Chrysene | ND | 29 | 9.7 | ug/kg | |
| 111-91-1 | bis(2-Chloroethoxy)methane | ND | 57 | 12 | ug/kg | |
| 111-44-4 | bis(2-Chloroethyl)ether | ND | 57 | 8.6 | ug/kg | |

Method Blank Summary

Job Number: JB57522
Account: AKRFNYNY AKRF
Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|----------|----|----------|----|-----------|------------|------------------|
| OP72054-MB1 | Z88118.D | 1 | 01/16/14 | EP | 01/16/14 | OP72054 | EZ4399 |

The QC reported here applies to the following samples:

Method: SW846 8270D

JB57834-1, JB57834-2, JB57834-3, JB57834-4, JB57834-5

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|-----------------------------|--------|-----|-----|-------|---|
| 108-60-1 | bis(2-Chloroisopropyl)ether | ND | 57 | 8.5 | ug/kg | |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | ND | 57 | 8.6 | ug/kg | |
| 121-14-2 | 2,4-Dinitrotoluene | ND | 29 | 12 | ug/kg | |
| 606-20-2 | 2,6-Dinitrotoluene | ND | 29 | 11 | ug/kg | |
| 91-94-1 | 3,3'-Dichlorobenzidine | ND | 57 | 7.3 | ug/kg | |
| 123-91-1 | 1,4-Dioxane | ND | 29 | 19 | ug/kg | |
| 53-70-3 | Dibenzo(a,h)anthracene | ND | 29 | 9.7 | ug/kg | |
| 132-64-9 | Dibenzofuran | ND | 57 | 8.5 | ug/kg | |
| 84-74-2 | Di-n-butyl phthalate | ND | 57 | 6.3 | ug/kg | |
| 117-84-0 | Di-n-octyl phthalate | ND | 57 | 14 | ug/kg | |
| 84-66-2 | Diethyl phthalate | ND | 57 | 9.7 | ug/kg | |
| 131-11-3 | Dimethyl phthalate | ND | 57 | 10 | ug/kg | |
| 117-81-7 | bis(2-Ethylhexyl)phthalate | ND | 57 | 25 | ug/kg | |
| 206-44-0 | Fluoranthene | ND | 29 | 13 | ug/kg | |
| 86-73-7 | Fluorene | ND | 29 | 9.4 | ug/kg | |
| 118-74-1 | Hexachlorobenzene | ND | 57 | 9.3 | ug/kg | |
| 87-68-3 | Hexachlorobutadiene | ND | 29 | 7.9 | ug/kg | |
| 77-47-4 | Hexachlorocyclopentadiene | ND | 290 | 29 | ug/kg | |
| 67-72-1 | Hexachloroethane | ND | 140 | 7.9 | ug/kg | |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | ND | 29 | 9.9 | ug/kg | |
| 78-59-1 | Isophorone | ND | 57 | 7.7 | ug/kg | |
| 91-57-6 | 2-Methylnaphthalene | ND | 57 | 16 | ug/kg | |
| 88-74-4 | 2-Nitroaniline | ND | 140 | 13 | ug/kg | |
| 99-09-2 | 3-Nitroaniline | ND | 140 | 11 | ug/kg | |
| 100-01-6 | 4-Nitroaniline | ND | 140 | 11 | ug/kg | |
| 91-20-3 | Naphthalene | ND | 29 | 7.8 | ug/kg | |
| 98-95-3 | Nitrobenzene | ND | 57 | 8.3 | ug/kg | |
| 621-64-7 | N-Nitroso-di-n-propylamine | ND | 57 | 7.0 | ug/kg | |
| 86-30-6 | N-Nitrosodiphenylamine | ND | 140 | 17 | ug/kg | |
| 85-01-8 | Phenanthrene | ND | 29 | 13 | ug/kg | |
| 129-00-0 | Pyrene | ND | 29 | 11 | ug/kg | |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | ND | 140 | 8.8 | ug/kg | |

Method Blank Summary

Job Number: JB57522
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|----------|----|----------|----|-----------|------------|------------------|
| OP72054-MB1 | Z88118.D | 1 | 01/16/14 | EP | 01/16/14 | OP72054 | EZ4399 |

The QC reported here applies to the following samples:

Method: SW846 8270D

JB57834-1, JB57834-2, JB57834-3, JB57834-4, JB57834-5

| CAS No. | Surrogate Recoveries | Limits |
|-----------|----------------------|--------------|
| 367-12-4 | 2-Fluorophenol | 102% 13-110% |
| 4165-62-2 | Phenol-d5 | 87% 15-110% |
| 118-79-6 | 2,4,6-Tribromophenol | 92% 20-123% |
| 4165-60-0 | Nitrobenzene-d5 | 91% 10-110% |
| 321-60-8 | 2-Fluorobiphenyl | 88% 17-110% |
| 1718-51-0 | Terphenyl-d14 | 97% 30-124% |

| CAS No. | Tentatively Identified Compounds | R.T. | Est. Conc. | Units | Q |
|---------|------------------------------------|------|------------|-------|---|
| | system artifact | 2.10 | 260 | ug/kg | J |
| | system artifact | 2.20 | 1200 | ug/kg | J |
| | system artifact | 2.49 | 150 | ug/kg | J |
| | system artifact | 3.99 | 120 | ug/kg | J |
| | system artifact/aldol-condensation | 4.04 | 1200 | ug/kg | J |
| | Total TIC, Semi-Volatile | | 0 | ug/kg | |

Method Blank Summary

Job Number: JB57522

Account: AKRFNYNY AKRF

Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|----------|----|----------|----|-----------|------------|------------------|
| OP72113-MB1 | P81948.D | 1 | 01/20/14 | AD | 01/20/14 | OP72113 | EP3489 |

The QC reported here applies to the following samples:

Method: SW846 8270D

JB58123-3, JB58123-4, JB58123-5, JB58123-6, JB58123-7, JB58123-8

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|----------------------------|--------|-----|-----|-------|---|
| 95-57-8 | 2-Chlorophenol | ND | 57 | 29 | ug/kg | |
| 59-50-7 | 4-Chloro-3-methyl phenol | ND | 140 | 29 | ug/kg | |
| 120-83-2 | 2,4-Dichlorophenol | ND | 140 | 46 | ug/kg | |
| 105-67-9 | 2,4-Dimethylphenol | ND | 140 | 48 | ug/kg | |
| 51-28-5 | 2,4-Dinitrophenol | ND | 570 | 35 | ug/kg | |
| 534-52-1 | 4,6-Dinitro-o-cresol | ND | 570 | 35 | ug/kg | |
| 95-48-7 | 2-Methylphenol | ND | 57 | 33 | ug/kg | |
| | 3&4-Methylphenol | ND | 57 | 36 | ug/kg | |
| 88-75-5 | 2-Nitrophenol | ND | 140 | 30 | ug/kg | |
| 100-02-7 | 4-Nitrophenol | ND | 290 | 48 | ug/kg | |
| 87-86-5 | Pentachlorophenol | ND | 290 | 49 | ug/kg | |
| 108-95-2 | Phenol | ND | 57 | 30 | ug/kg | |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | ND | 140 | 29 | ug/kg | |
| 95-95-4 | 2,4,5-Trichlorophenol | ND | 140 | 33 | ug/kg | |
| 88-06-2 | 2,4,6-Trichlorophenol | ND | 140 | 27 | ug/kg | |
| 83-32-9 | Acenaphthene | ND | 29 | 8.3 | ug/kg | |
| 208-96-8 | Acenaphthylene | ND | 29 | 9.1 | ug/kg | |
| 98-86-2 | Acetophenone | ND | 140 | 5.0 | ug/kg | |
| 120-12-7 | Anthracene | ND | 29 | 10 | ug/kg | |
| 1912-24-9 | Atrazine | ND | 57 | 5.6 | ug/kg | |
| 56-55-3 | Benzo(a)anthracene | ND | 29 | 9.3 | ug/kg | |
| 50-32-8 | Benzo(a)pyrene | ND | 29 | 8.7 | ug/kg | |
| 205-99-2 | Benzo(b)fluoranthene | ND | 29 | 9.5 | ug/kg | |
| 191-24-2 | Benzo(g,h,i)perylene | ND | 29 | 11 | ug/kg | |
| 207-08-9 | Benzo(k)fluoranthene | ND | 29 | 11 | ug/kg | |
| 101-55-3 | 4-Bromophenyl phenyl ether | ND | 57 | 10 | ug/kg | |
| 85-68-7 | Butyl benzyl phthalate | ND | 57 | 17 | ug/kg | |
| 92-52-4 | 1,1'-Biphenyl | ND | 57 | 3.3 | ug/kg | |
| 100-52-7 | Benzaldehyde | ND | 140 | 6.6 | ug/kg | |
| 91-58-7 | 2-Chloronaphthalene | ND | 57 | 8.9 | ug/kg | |
| 106-47-8 | 4-Chloroaniline | ND | 140 | 9.1 | ug/kg | |
| 86-74-8 | Carbazole | ND | 57 | 13 | ug/kg | |
| 105-60-2 | Caprolactam | ND | 57 | 9.0 | ug/kg | |
| 218-01-9 | Chrysene | ND | 29 | 9.7 | ug/kg | |
| 111-91-1 | bis(2-Chloroethoxy)methane | ND | 57 | 12 | ug/kg | |
| 111-44-4 | bis(2-Chloroethyl)ether | ND | 57 | 8.6 | ug/kg | |

Method Blank Summary

Job Number: JB57522
Account: AKRFNYNY AKRF
Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|----------|----|----------|----|-----------|------------|------------------|
| OP72113-MB1 | P81948.D | 1 | 01/20/14 | AD | 01/20/14 | OP72113 | EP3489 |

The QC reported here applies to the following samples:

Method: SW846 8270D

JB58123-3, JB58123-4, JB58123-5, JB58123-6, JB58123-7, JB58123-8

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|-----------------------------|--------|-----|-----|-------|---|
| 108-60-1 | bis(2-Chloroisopropyl)ether | ND | 57 | 8.5 | ug/kg | |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | ND | 57 | 8.6 | ug/kg | |
| 121-14-2 | 2,4-Dinitrotoluene | ND | 29 | 12 | ug/kg | |
| 606-20-2 | 2,6-Dinitrotoluene | ND | 29 | 11 | ug/kg | |
| 91-94-1 | 3,3'-Dichlorobenzidine | ND | 57 | 7.3 | ug/kg | |
| 123-91-1 | 1,4-Dioxane | ND | 29 | 19 | ug/kg | |
| 53-70-3 | Dibenzo(a,h)anthracene | ND | 29 | 9.7 | ug/kg | |
| 132-64-9 | Dibenzofuran | ND | 57 | 8.5 | ug/kg | |
| 84-74-2 | Di-n-butyl phthalate | ND | 57 | 6.3 | ug/kg | |
| 117-84-0 | Di-n-octyl phthalate | ND | 57 | 14 | ug/kg | |
| 84-66-2 | Diethyl phthalate | ND | 57 | 9.7 | ug/kg | |
| 131-11-3 | Dimethyl phthalate | ND | 57 | 10 | ug/kg | |
| 117-81-7 | bis(2-Ethylhexyl)phthalate | ND | 57 | 25 | ug/kg | |
| 206-44-0 | Fluoranthene | ND | 29 | 13 | ug/kg | |
| 86-73-7 | Fluorene | ND | 29 | 9.4 | ug/kg | |
| 118-74-1 | Hexachlorobenzene | ND | 57 | 9.3 | ug/kg | |
| 87-68-3 | Hexachlorobutadiene | ND | 29 | 7.9 | ug/kg | |
| 77-47-4 | Hexachlorocyclopentadiene | ND | 290 | 29 | ug/kg | |
| 67-72-1 | Hexachloroethane | ND | 140 | 7.9 | ug/kg | |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | ND | 29 | 9.9 | ug/kg | |
| 78-59-1 | Isophorone | ND | 57 | 7.7 | ug/kg | |
| 91-57-6 | 2-Methylnaphthalene | ND | 57 | 16 | ug/kg | |
| 88-74-4 | 2-Nitroaniline | ND | 140 | 13 | ug/kg | |
| 99-09-2 | 3-Nitroaniline | ND | 140 | 11 | ug/kg | |
| 100-01-6 | 4-Nitroaniline | ND | 140 | 11 | ug/kg | |
| 91-20-3 | Naphthalene | ND | 29 | 7.8 | ug/kg | |
| 98-95-3 | Nitrobenzene | ND | 57 | 8.3 | ug/kg | |
| 621-64-7 | N-Nitroso-di-n-propylamine | ND | 57 | 7.0 | ug/kg | |
| 86-30-6 | N-Nitrosodiphenylamine | ND | 140 | 17 | ug/kg | |
| 85-01-8 | Phenanthrene | ND | 29 | 13 | ug/kg | |
| 129-00-0 | Pyrene | ND | 29 | 11 | ug/kg | |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | ND | 140 | 8.8 | ug/kg | |

Method Blank Summary

Job Number: JB57522
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|----------|----|----------|----|-----------|------------|------------------|
| OP72113-MB1 | P81948.D | 1 | 01/20/14 | AD | 01/20/14 | OP72113 | EP3489 |

The QC reported here applies to the following samples:

Method: SW846 8270D

JB58123-3, JB58123-4, JB58123-5, JB58123-6, JB58123-7, JB58123-8

| CAS No. | Surrogate Recoveries | Limits |
|-----------|----------------------|--------------|
| 367-12-4 | 2-Fluorophenol | 84% 13-110% |
| 4165-62-2 | Phenol-d5 | 76% 15-110% |
| 118-79-6 | 2,4,6-Tribromophenol | 103% 20-123% |
| 4165-60-0 | Nitrobenzene-d5 | 78% 10-110% |
| 321-60-8 | 2-Fluorobiphenyl | 84% 17-110% |
| 1718-51-0 | Terphenyl-d14 | 90% 30-124% |

| CAS No. | Tentatively Identified Compounds | R.T. | Est. Conc. | Units | Q |
|---------|------------------------------------|------|------------|-------|---|
| | system artifact | 2.57 | 170 | ug/kg | J |
| | system artifact/aldol-condensation | 2.61 | 2400 | ug/kg | J |
| | Total TIC, Semi-Volatile | | 0 | ug/kg | |

Method Blank Summary

Job Number: JB57522

Account: AKRFNYNY AKRF

Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|-----------|----|----------|----|-----------|------------|------------------|
| OP72149-MB1 | 2P32781.D | 1 | 01/22/14 | EA | 01/21/14 | OP72149 | E2P1343 |

The QC reported here applies to the following samples:

Method: SW846 8270D

JB58216-1, JB58216-2, JB58216-3, JB58216-4

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|----------------------------|--------|-----|-----|-------|---|
| 95-57-8 | 2-Chlorophenol | ND | 57 | 29 | ug/kg | |
| 59-50-7 | 4-Chloro-3-methyl phenol | ND | 140 | 29 | ug/kg | |
| 120-83-2 | 2,4-Dichlorophenol | ND | 140 | 46 | ug/kg | |
| 105-67-9 | 2,4-Dimethylphenol | ND | 140 | 48 | ug/kg | |
| 51-28-5 | 2,4-Dinitrophenol | ND | 570 | 35 | ug/kg | |
| 534-52-1 | 4,6-Dinitro-o-cresol | ND | 570 | 35 | ug/kg | |
| 95-48-7 | 2-Methylphenol | ND | 57 | 33 | ug/kg | |
| | 3&4-Methylphenol | ND | 57 | 36 | ug/kg | |
| 88-75-5 | 2-Nitrophenol | ND | 140 | 30 | ug/kg | |
| 100-02-7 | 4-Nitrophenol | ND | 290 | 48 | ug/kg | |
| 87-86-5 | Pentachlorophenol | ND | 290 | 49 | ug/kg | |
| 108-95-2 | Phenol | ND | 57 | 30 | ug/kg | |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | ND | 140 | 29 | ug/kg | |
| 95-95-4 | 2,4,5-Trichlorophenol | ND | 140 | 33 | ug/kg | |
| 88-06-2 | 2,4,6-Trichlorophenol | ND | 140 | 27 | ug/kg | |
| 83-32-9 | Acenaphthene | ND | 29 | 8.3 | ug/kg | |
| 208-96-8 | Acenaphthylene | ND | 29 | 9.1 | ug/kg | |
| 98-86-2 | Acetophenone | ND | 140 | 5.0 | ug/kg | |
| 120-12-7 | Anthracene | ND | 29 | 10 | ug/kg | |
| 1912-24-9 | Atrazine | ND | 57 | 5.6 | ug/kg | |
| 56-55-3 | Benzo(a)anthracene | ND | 29 | 9.3 | ug/kg | |
| 50-32-8 | Benzo(a)pyrene | ND | 29 | 8.7 | ug/kg | |
| 205-99-2 | Benzo(b)fluoranthene | ND | 29 | 9.5 | ug/kg | |
| 191-24-2 | Benzo(g,h,i)perylene | ND | 29 | 11 | ug/kg | |
| 207-08-9 | Benzo(k)fluoranthene | ND | 29 | 11 | ug/kg | |
| 101-55-3 | 4-Bromophenyl phenyl ether | ND | 57 | 10 | ug/kg | |
| 85-68-7 | Butyl benzyl phthalate | ND | 57 | 17 | ug/kg | |
| 92-52-4 | 1,1'-Biphenyl | ND | 57 | 3.3 | ug/kg | |
| 100-52-7 | Benzaldehyde | ND | 140 | 6.6 | ug/kg | |
| 91-58-7 | 2-Chloronaphthalene | ND | 57 | 8.9 | ug/kg | |
| 106-47-8 | 4-Chloroaniline | ND | 140 | 9.1 | ug/kg | |
| 86-74-8 | Carbazole | ND | 57 | 13 | ug/kg | |
| 105-60-2 | Caprolactam | ND | 57 | 9.0 | ug/kg | |
| 218-01-9 | Chrysene | ND | 29 | 9.7 | ug/kg | |
| 111-91-1 | bis(2-Chloroethoxy)methane | ND | 57 | 12 | ug/kg | |
| 111-44-4 | bis(2-Chloroethyl)ether | ND | 57 | 8.6 | ug/kg | |

Method Blank Summary

Job Number: JB57522
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|-----------|----|----------|----|-----------|------------|------------------|
| OP72149-MB1 | 2P32781.D | 1 | 01/22/14 | EA | 01/21/14 | OP72149 | E2P1343 |

The QC reported here applies to the following samples:

Method: SW846 8270D

JB58216-1, JB58216-2, JB58216-3, JB58216-4

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|-----------------------------|--------|-----|-----|-------|---|
| 108-60-1 | bis(2-Chloroisopropyl)ether | ND | 57 | 8.5 | ug/kg | |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | ND | 57 | 8.6 | ug/kg | |
| 121-14-2 | 2,4-Dinitrotoluene | ND | 29 | 12 | ug/kg | |
| 606-20-2 | 2,6-Dinitrotoluene | ND | 29 | 11 | ug/kg | |
| 91-94-1 | 3,3'-Dichlorobenzidine | ND | 57 | 7.3 | ug/kg | |
| 123-91-1 | 1,4-Dioxane | ND | 29 | 19 | ug/kg | |
| 53-70-3 | Dibenzo(a,h)anthracene | ND | 29 | 9.7 | ug/kg | |
| 132-64-9 | Dibenzofuran | ND | 57 | 8.5 | ug/kg | |
| 84-74-2 | Di-n-butyl phthalate | ND | 57 | 6.3 | ug/kg | |
| 117-84-0 | Di-n-octyl phthalate | ND | 57 | 14 | ug/kg | |
| 84-66-2 | Diethyl phthalate | ND | 57 | 9.7 | ug/kg | |
| 131-11-3 | Dimethyl phthalate | ND | 57 | 10 | ug/kg | |
| 117-81-7 | bis(2-Ethylhexyl)phthalate | ND | 57 | 25 | ug/kg | |
| 206-44-0 | Fluoranthene | ND | 29 | 13 | ug/kg | |
| 86-73-7 | Fluorene | ND | 29 | 9.4 | ug/kg | |
| 118-74-1 | Hexachlorobenzene | ND | 57 | 9.3 | ug/kg | |
| 87-68-3 | Hexachlorobutadiene | ND | 29 | 7.9 | ug/kg | |
| 77-47-4 | Hexachlorocyclopentadiene | ND | 290 | 29 | ug/kg | |
| 67-72-1 | Hexachloroethane | ND | 140 | 7.9 | ug/kg | |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | ND | 29 | 9.9 | ug/kg | |
| 78-59-1 | Isophorone | ND | 57 | 7.7 | ug/kg | |
| 91-57-6 | 2-Methylnaphthalene | ND | 57 | 16 | ug/kg | |
| 88-74-4 | 2-Nitroaniline | ND | 140 | 13 | ug/kg | |
| 99-09-2 | 3-Nitroaniline | ND | 140 | 11 | ug/kg | |
| 100-01-6 | 4-Nitroaniline | ND | 140 | 11 | ug/kg | |
| 91-20-3 | Naphthalene | ND | 29 | 7.8 | ug/kg | |
| 98-95-3 | Nitrobenzene | ND | 57 | 8.3 | ug/kg | |
| 621-64-7 | N-Nitroso-di-n-propylamine | ND | 57 | 7.0 | ug/kg | |
| 86-30-6 | N-Nitrosodiphenylamine | ND | 140 | 17 | ug/kg | |
| 85-01-8 | Phenanthrene | ND | 29 | 13 | ug/kg | |
| 129-00-0 | Pyrene | ND | 29 | 11 | ug/kg | |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | ND | 140 | 8.8 | ug/kg | |

7.1.7
7

Method Blank Summary

Job Number: JB57522

Account: AKRFNYNY AKRF

Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|-----------|----|----------|----|-----------|------------|------------------|
| OP72149-MB1 | 2P32781.D | 1 | 01/22/14 | EA | 01/21/14 | OP72149 | E2P1343 |

The QC reported here applies to the following samples:

Method: SW846 8270D

JB58216-1, JB58216-2, JB58216-3, JB58216-4

| CAS No. | Surrogate Recoveries | Limits |
|-----------|----------------------|--------------|
| 367-12-4 | 2-Fluorophenol | 75% 13-110% |
| 4165-62-2 | Phenol-d5 | 74% 15-110% |
| 118-79-6 | 2,4,6-Tribromophenol | 98% 20-123% |
| 4165-60-0 | Nitrobenzene-d5 | 95% 10-110% |
| 321-60-8 | 2-Fluorobiphenyl | 92% 17-110% |
| 1718-51-0 | Terphenyl-d14 | 100% 30-124% |

Method Blank Summary

Job Number: JB57522

Account: AKRFNYNY AKRF

Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|-----------|----|----------|----|-----------|------------|------------------|
| OP72149-MB1 | 3P28704.D | 1 | 01/22/14 | CH | 01/21/14 | OP72149 | E3P1215 |

The QC reported here applies to the following samples:

Method: SW846 8270D

JB58216-1, JB58216-2, JB58216-3, JB58216-4

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|----------------------------|--------|-----|-----|-------|---|
| 95-57-8 | 2-Chlorophenol | ND | 57 | 29 | ug/kg | |
| 59-50-7 | 4-Chloro-3-methyl phenol | ND | 140 | 29 | ug/kg | |
| 120-83-2 | 2,4-Dichlorophenol | ND | 140 | 46 | ug/kg | |
| 105-67-9 | 2,4-Dimethylphenol | ND | 140 | 48 | ug/kg | |
| 51-28-5 | 2,4-Dinitrophenol | ND | 570 | 35 | ug/kg | |
| 534-52-1 | 4,6-Dinitro-o-cresol | ND | 570 | 35 | ug/kg | |
| 95-48-7 | 2-Methylphenol | ND | 57 | 33 | ug/kg | |
| | 3&4-Methylphenol | ND | 57 | 36 | ug/kg | |
| 88-75-5 | 2-Nitrophenol | ND | 140 | 30 | ug/kg | |
| 100-02-7 | 4-Nitrophenol | ND | 290 | 48 | ug/kg | |
| 87-86-5 | Pentachlorophenol | ND | 290 | 49 | ug/kg | |
| 108-95-2 | Phenol | ND | 57 | 30 | ug/kg | |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | ND | 140 | 29 | ug/kg | |
| 95-95-4 | 2,4,5-Trichlorophenol | ND | 140 | 33 | ug/kg | |
| 88-06-2 | 2,4,6-Trichlorophenol | ND | 140 | 27 | ug/kg | |
| 83-32-9 | Acenaphthene | ND | 29 | 8.3 | ug/kg | |
| 208-96-8 | Acenaphthylene | ND | 29 | 9.1 | ug/kg | |
| 98-86-2 | Acetophenone | ND | 140 | 5.0 | ug/kg | |
| 120-12-7 | Anthracene | ND | 29 | 10 | ug/kg | |
| 1912-24-9 | Atrazine | ND | 57 | 5.6 | ug/kg | |
| 56-55-3 | Benzo(a)anthracene | ND | 29 | 9.3 | ug/kg | |
| 50-32-8 | Benzo(a)pyrene | ND | 29 | 8.7 | ug/kg | |
| 205-99-2 | Benzo(b)fluoranthene | ND | 29 | 9.5 | ug/kg | |
| 191-24-2 | Benzo(g,h,i)perylene | ND | 29 | 11 | ug/kg | |
| 207-08-9 | Benzo(k)fluoranthene | ND | 29 | 11 | ug/kg | |
| 101-55-3 | 4-Bromophenyl phenyl ether | ND | 57 | 10 | ug/kg | |
| 85-68-7 | Butyl benzyl phthalate | ND | 57 | 17 | ug/kg | |
| 92-52-4 | 1,1'-Biphenyl | ND | 57 | 3.3 | ug/kg | |
| 100-52-7 | Benzaldehyde | ND | 140 | 6.6 | ug/kg | |
| 91-58-7 | 2-Chloronaphthalene | ND | 57 | 8.9 | ug/kg | |
| 106-47-8 | 4-Chloroaniline | ND | 140 | 9.1 | ug/kg | |
| 86-74-8 | Carbazole | ND | 57 | 13 | ug/kg | |
| 105-60-2 | Caprolactam | ND | 57 | 9.0 | ug/kg | |
| 218-01-9 | Chrysene | ND | 29 | 9.7 | ug/kg | |
| 111-91-1 | bis(2-Chloroethoxy)methane | ND | 57 | 12 | ug/kg | |
| 111-44-4 | bis(2-Chloroethyl)ether | ND | 57 | 8.6 | ug/kg | |

Method Blank Summary

Job Number: JB57522
Account: AKRFNYNY AKRF
Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|-----------|----|----------|----|-----------|------------|------------------|
| OP72149-MB1 | 3P28704.D | 1 | 01/22/14 | CH | 01/21/14 | OP72149 | E3P1215 |

The QC reported here applies to the following samples:

Method: SW846 8270D

JB58216-1, JB58216-2, JB58216-3, JB58216-4

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|-----------------------------|--------|-----|-----|-------|---|
| 108-60-1 | bis(2-Chloroisopropyl)ether | ND | 57 | 8.5 | ug/kg | |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | ND | 57 | 8.6 | ug/kg | |
| 121-14-2 | 2,4-Dinitrotoluene | ND | 29 | 12 | ug/kg | |
| 606-20-2 | 2,6-Dinitrotoluene | ND | 29 | 11 | ug/kg | |
| 91-94-1 | 3,3'-Dichlorobenzidine | ND | 57 | 7.3 | ug/kg | |
| 123-91-1 | 1,4-Dioxane | ND | 29 | 19 | ug/kg | |
| 53-70-3 | Dibenzo(a,h)anthracene | ND | 29 | 9.7 | ug/kg | |
| 132-64-9 | Dibenzofuran | ND | 57 | 8.5 | ug/kg | |
| 84-74-2 | Di-n-butyl phthalate | ND | 57 | 6.3 | ug/kg | |
| 117-84-0 | Di-n-octyl phthalate | ND | 57 | 14 | ug/kg | |
| 84-66-2 | Diethyl phthalate | ND | 57 | 9.7 | ug/kg | |
| 131-11-3 | Dimethyl phthalate | ND | 57 | 10 | ug/kg | |
| 117-81-7 | bis(2-Ethylhexyl)phthalate | ND | 57 | 25 | ug/kg | |
| 206-44-0 | Fluoranthene | ND | 29 | 13 | ug/kg | |
| 86-73-7 | Fluorene | ND | 29 | 9.4 | ug/kg | |
| 118-74-1 | Hexachlorobenzene | ND | 57 | 9.3 | ug/kg | |
| 87-68-3 | Hexachlorobutadiene | ND | 29 | 7.9 | ug/kg | |
| 77-47-4 | Hexachlorocyclopentadiene | ND | 290 | 29 | ug/kg | |
| 67-72-1 | Hexachloroethane | ND | 140 | 7.9 | ug/kg | |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | ND | 29 | 9.9 | ug/kg | |
| 78-59-1 | Isophorone | ND | 57 | 7.7 | ug/kg | |
| 91-57-6 | 2-Methylnaphthalene | ND | 57 | 16 | ug/kg | |
| 88-74-4 | 2-Nitroaniline | ND | 140 | 13 | ug/kg | |
| 99-09-2 | 3-Nitroaniline | ND | 140 | 11 | ug/kg | |
| 100-01-6 | 4-Nitroaniline | ND | 140 | 11 | ug/kg | |
| 91-20-3 | Naphthalene | ND | 29 | 7.8 | ug/kg | |
| 98-95-3 | Nitrobenzene | ND | 57 | 8.3 | ug/kg | |
| 621-64-7 | N-Nitroso-di-n-propylamine | ND | 57 | 7.0 | ug/kg | |
| 86-30-6 | N-Nitrosodiphenylamine | ND | 140 | 17 | ug/kg | |
| 85-01-8 | Phenanthrene | ND | 29 | 13 | ug/kg | |
| 129-00-0 | Pyrene | ND | 29 | 11 | ug/kg | |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | ND | 140 | 8.8 | ug/kg | |

Method Blank Summary

Job Number: JB57522

Account: AKRFNYNY AKRF

Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|-----------|----|----------|----|-----------|------------|------------------|
| OP72149-MB1 | 3P28704.D | 1 | 01/22/14 | CH | 01/21/14 | OP72149 | E3P1215 |

The QC reported here applies to the following samples:

Method: SW846 8270D

JB58216-1, JB58216-2, JB58216-3, JB58216-4

| CAS No. | Surrogate Recoveries | Limits |
|-----------|----------------------|-------------|
| 367-12-4 | 2-Fluorophenol | 85% 13-110% |
| 4165-62-2 | Phenol-d5 | 86% 15-110% |
| 118-79-6 | 2,4,6-Tribromophenol | 95% 20-123% |
| 4165-60-0 | Nitrobenzene-d5 | 79% 10-110% |
| 321-60-8 | 2-Fluorobiphenyl | 84% 17-110% |
| 1718-51-0 | Terphenyl-d14 | 95% 30-124% |

Blank Spike Summary

Job Number: JB57522
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| | | | | | | | |
|-------------|-----------|----|----------|----|-----------|------------|------------------|
| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
| OP71995-BS1 | M101000.D | 1 | 01/14/14 | KR | 01/14/14 | OP71995 | EM4113 |

The QC reported here applies to the following samples:

Method: SW846 8270D

JB57522-1, JB57522-2, JB57522-3, JB57522-4

| CAS No. | Compound | Spike ug/kg | BSP ug/kg | BSP % | Limits |
|-----------|----------------------------|----------------|--------------|----------|--------|
| 95-57-8 | 2-Chlorophenol | 1430 | 1190 | 83 | 37-110 |
| 59-50-7 | 4-Chloro-3-methyl phenol | 1430 | 1210 | 85 | 44-125 |
| 120-83-2 | 2,4-Dichlorophenol | 1430 | 1250 | 88 | 41-120 |
| 105-67-9 | 2,4-Dimethylphenol | 1430 | 1160 | 81 | 43-137 |
| 51-28-5 | 2,4-Dinitrophenol | 2860 | 2290 | 80 | 21-147 |
| 534-52-1 | 4,6-Dinitro-o-cresol | 1430 | 1130 | 79 | 37-136 |
| 95-48-7 | 2-Methylphenol | 1430 | 1200 | 84 | 40-110 |
| | 3&4-Methylphenol | 1430 | 1080 | 76 | 39-111 |
| 88-75-5 | 2-Nitrophenol | 1430 | 1260 | 88 | 36-117 |
| 100-02-7 | 4-Nitrophenol | 1430 | 1190 | 83 | 26-143 |
| 87-86-5 | Pentachlorophenol | 1430 | 1150 | 81 | 21-123 |
| 108-95-2 | Phenol | 1430 | 1230 | 86 | 36-112 |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 1430 | 1170 | 82 | 40-121 |
| 95-95-4 | 2,4,5-Trichlorophenol | 1430 | 1220 | 85 | 48-120 |
| 88-06-2 | 2,4,6-Trichlorophenol | 1430 | 1240 | 87 | 48-119 |
| 83-32-9 | Acenaphthene | 1430 | 1250 | 88 | 46-110 |
| 208-96-8 | Acenaphthylene | 1430 | 1090 | 76 | 43-103 |
| 98-86-2 | Acetophenone | 1430 | 1070 | 75 | 35-120 |
| 120-12-7 | Anthracene | 1430 | 1270 | 89 | 56-118 |
| 1912-24-9 | Atrazine | 1430 | 1230 | 86 | 57-151 |
| 56-55-3 | Benzo(a)anthracene | 1430 | 1300 | 91 | 56-117 |
| 50-32-8 | Benzo(a)pyrene | 1430 | 1400 | 98 | 56-124 |
| 205-99-2 | Benzo(b)fluoranthene | 1430 | 1380 | 97 | 53-127 |
| 191-24-2 | Benzo(g,h,i)perylene | 1430 | 1310 | 92 | 52-126 |
| 207-08-9 | Benzo(k)fluoranthene | 1430 | 1400 | 98 | 51-122 |
| 101-55-3 | 4-Bromophenyl phenyl ether | 1430 | 1220 | 85 | 51-121 |
| 85-68-7 | Butyl benzyl phthalate | 1430 | 1420 | 99 | 52-133 |
| 92-52-4 | 1,1'-Biphenyl | 1430 | 1180 | 83 | 42-122 |
| 100-52-7 | Benzaldehyde | 1430 | 1150 | 81 | 30-119 |
| 91-58-7 | 2-Chloronaphthalene | 1430 | 1210 | 85 | 42-110 |
| 106-47-8 | 4-Chloroaniline | 1430 | 956 | 67 | 32-102 |
| 86-74-8 | Carbazole | 1430 | 1250 | 88 | 53-119 |
| 105-60-2 | Caprolactam | 1430 | 1280 | 90 | 35-144 |
| 218-01-9 | Chrysene | 1430 | 1390 | 97 | 54-121 |
| 111-91-1 | bis(2-Chloroethoxy)methane | 1430 | 1290 | 90 | 40-118 |
| 111-44-4 | bis(2-Chloroethyl)ether | 1430 | 1260 | 88 | 33-110 |

* = Outside of Control Limits.

7.2.1
 7

Blank Spike Summary

Job Number: JB57522
Account: AKRFNYNY AKRF
Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|-----------|----|----------|----|-----------|------------|------------------|
| OP71995-BS1 | M101000.D | 1 | 01/14/14 | KR | 01/14/14 | OP71995 | EM4113 |

The QC reported here applies to the following samples:

Method: SW846 8270D

JB57522-1, JB57522-2, JB57522-3, JB57522-4

| CAS No. | Compound | Spike ug/kg | BSP ug/kg | BSP % | Limits |
|-----------|-----------------------------|----------------|--------------|----------|--------|
| 108-60-1 | bis(2-Chloroisopropyl)ether | 1430 | 1150 | 81 | 30-108 |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | 1430 | 1180 | 83 | 48-116 |
| 121-14-2 | 2,4-Dinitrotoluene | 1430 | 1280 | 90 | 51-126 |
| 606-20-2 | 2,6-Dinitrotoluene | 1430 | 1280 | 90 | 52-126 |
| 91-94-1 | 3,3'-Dichlorobenzidine | 2860 | 2170 | 76 | 49-115 |
| 123-91-1 | 1,4-Dioxane | 1430 | 861 | 60 | 10-110 |
| 53-70-3 | Dibenzo(a,h)anthracene | 1430 | 1300 | 91 | 53-126 |
| 132-64-9 | Dibenzofuran | 1430 | 1200 | 84 | 45-114 |
| 84-74-2 | Di-n-butyl phthalate | 1430 | 1320 | 92 | 56-125 |
| 117-84-0 | Di-n-octyl phthalate | 1430 | 1300 | 91 | 49-145 |
| 84-66-2 | Diethyl phthalate | 1430 | 1180 | 83 | 52-118 |
| 131-11-3 | Dimethyl phthalate | 1430 | 1200 | 84 | 54-114 |
| 117-81-7 | bis(2-Ethylhexyl)phthalate | 1430 | 1310 | 92 | 52-138 |
| 206-44-0 | Fluoranthene | 1430 | 1250 | 88 | 55-119 |
| 86-73-7 | Fluorene | 1430 | 1250 | 88 | 51-114 |
| 118-74-1 | Hexachlorobenzene | 1430 | 1110 | 78 | 47-122 |
| 87-68-3 | Hexachlorobutadiene | 1430 | 1130 | 79 | 28-117 |
| 77-47-4 | Hexachlorocyclopentadiene | 2860 | 2390 | 84 | 22-126 |
| 67-72-1 | Hexachloroethane | 1430 | 1190 | 83 | 28-103 |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 1430 | 1200 | 84 | 53-128 |
| 78-59-1 | Isophorone | 1430 | 1240 | 87 | 37-117 |
| 91-57-6 | 2-Methylnaphthalene | 1430 | 1140 | 80 | 34-114 |
| 88-74-4 | 2-Nitroaniline | 1430 | 1340 | 94 | 46-135 |
| 99-09-2 | 3-Nitroaniline | 1430 | 1120 | 78 | 44-114 |
| 100-01-6 | 4-Nitroaniline | 1430 | 1230 | 86 | 44-128 |
| 91-20-3 | Naphthalene | 1430 | 1080 | 76 | 37-104 |
| 98-95-3 | Nitrobenzene | 1430 | 1240 | 87 | 34-117 |
| 621-64-7 | N-Nitroso-di-n-propylamine | 1430 | 1100 | 77 | 35-115 |
| 86-30-6 | N-Nitrosodiphenylamine | 1430 | 1230 | 86 | 51-114 |
| 85-01-8 | Phenanthrene | 1430 | 1220 | 85 | 55-113 |
| 129-00-0 | Pyrene | 1430 | 1450 | 102 | 54-120 |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 1430 | 1120 | 78 | 38-112 |

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JB57522
Account: AKRFNYNY AKRF
Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|-----------|----|----------|----|-----------|------------|------------------|
| OP71995-BS1 | M101000.D | 1 | 01/14/14 | KR | 01/14/14 | OP71995 | EM4113 |

The QC reported here applies to the following samples:

Method: SW846 8270D

JB57522-1, JB57522-2, JB57522-3, JB57522-4

| CAS No. | Surrogate Recoveries | BSP | Limits |
|-----------|----------------------|-----|---------|
| 367-12-4 | 2-Fluorophenol | 91% | 13-110% |
| 4165-62-2 | Phenol-d5 | 86% | 15-110% |
| 118-79-6 | 2,4,6-Tribromophenol | 81% | 20-123% |
| 4165-60-0 | Nitrobenzene-d5 | 89% | 10-110% |
| 321-60-8 | 2-Fluorobiphenyl | 85% | 17-110% |
| 1718-51-0 | Terphenyl-d14 | 98% | 30-124% |

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JB57522
Account: AKRFNYNY AKRF
Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|----------|----|----------|----|-----------|------------|------------------|
| OP72024-BS1 | Z88117.D | 1 | 01/16/14 | EP | 01/15/14 | OP72024 | EZ4399 |

The QC reported here applies to the following samples:

Method: SW846 8270D

JB57666-1, JB57666-2

| CAS No. | Compound | Spike ug/kg | BSP ug/kg | BSP % | Limits |
|-----------|----------------------------|----------------|--------------|----------|--------|
| 95-57-8 | 2-Chlorophenol | 1430 | 920 | 64 | 37-110 |
| 59-50-7 | 4-Chloro-3-methyl phenol | 1430 | 1060 | 74 | 44-125 |
| 120-83-2 | 2,4-Dichlorophenol | 1430 | 1020 | 71 | 41-120 |
| 105-67-9 | 2,4-Dimethylphenol | 1430 | 1040 | 73 | 43-137 |
| 51-28-5 | 2,4-Dinitrophenol | 2860 | 2270 | 79 | 21-147 |
| 534-52-1 | 4,6-Dinitro-o-cresol | 1430 | 1130 | 79 | 37-136 |
| 95-48-7 | 2-Methylphenol | 1430 | 903 | 63 | 40-110 |
| | 3&4-Methylphenol | 1430 | 884 | 62 | 39-111 |
| 88-75-5 | 2-Nitrophenol | 1430 | 993 | 70 | 36-117 |
| 100-02-7 | 4-Nitrophenol | 1430 | 1080 | 76 | 26-143 |
| 87-86-5 | Pentachlorophenol | 1430 | 1290 | 90 | 21-123 |
| 108-95-2 | Phenol | 1430 | 934 | 65 | 36-112 |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 1430 | 1170 | 82 | 40-121 |
| 95-95-4 | 2,4,5-Trichlorophenol | 1430 | 1140 | 80 | 48-120 |
| 88-06-2 | 2,4,6-Trichlorophenol | 1430 | 1160 | 81 | 48-119 |
| 83-32-9 | Acenaphthene | 1430 | 1010 | 71 | 46-110 |
| 208-96-8 | Acenaphthylene | 1430 | 827 | 58 | 43-103 |
| 98-86-2 | Acetophenone | 1430 | 863 | 60 | 35-120 |
| 120-12-7 | Anthracene | 1430 | 1090 | 76 | 56-118 |
| 1912-24-9 | Atrazine | 1430 | 1400 | 98 | 57-151 |
| 56-55-3 | Benzo(a)anthracene | 1430 | 1110 | 78 | 56-117 |
| 50-32-8 | Benzo(a)pyrene | 1430 | 1140 | 80 | 56-124 |
| 205-99-2 | Benzo(b)fluoranthene | 1430 | 1130 | 79 | 53-127 |
| 191-24-2 | Benzo(g,h,i)perylene | 1430 | 1140 | 80 | 52-126 |
| 207-08-9 | Benzo(k)fluoranthene | 1430 | 1100 | 77 | 51-122 |
| 101-55-3 | 4-Bromophenyl phenyl ether | 1430 | 1230 | 86 | 51-121 |
| 85-68-7 | Butyl benzyl phthalate | 1430 | 1170 | 82 | 52-133 |
| 92-52-4 | 1,1'-Biphenyl | 1430 | 915 | 64 | 42-122 |
| 100-52-7 | Benzaldehyde | 1430 | 987 | 69 | 30-119 |
| 91-58-7 | 2-Chloronaphthalene | 1430 | 1050 | 74 | 42-110 |
| 106-47-8 | 4-Chloroaniline | 1430 | 807 | 56 | 32-102 |
| 86-74-8 | Carbazole | 1430 | 1080 | 76 | 53-119 |
| 105-60-2 | Caprolactam | 1430 | 1070 | 75 | 35-144 |
| 218-01-9 | Chrysene | 1430 | 1130 | 79 | 54-121 |
| 111-91-1 | bis(2-Chloroethoxy)methane | 1430 | 1020 | 71 | 40-118 |
| 111-44-4 | bis(2-Chloroethyl)ether | 1430 | 984 | 69 | 33-110 |

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JB57522
Account: AKRFNYNY AKRF
Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|----------|----|----------|----|-----------|------------|------------------|
| OP72024-BS1 | Z88117.D | 1 | 01/16/14 | EP | 01/15/14 | OP72024 | EZ4399 |

The QC reported here applies to the following samples:

Method: SW846 8270D

JB57666-1, JB57666-2

| CAS No. | Compound | Spike ug/kg | BSP ug/kg | BSP % | Limits |
|-----------|-----------------------------|----------------|--------------|----------|--------|
| 108-60-1 | bis(2-Chloroisopropyl)ether | 1430 | 940 | 66 | 30-108 |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | 1430 | 1200 | 84 | 48-116 |
| 121-14-2 | 2,4-Dinitrotoluene | 1430 | 1230 | 86 | 51-126 |
| 606-20-2 | 2,6-Dinitrotoluene | 1430 | 1230 | 86 | 52-126 |
| 91-94-1 | 3,3'-Dichlorobenzidine | 2860 | 2570 | 90 | 49-115 |
| 123-91-1 | 1,4-Dioxane | 1430 | 640 | 45 | 10-110 |
| 53-70-3 | Dibenzo(a,h)anthracene | 1430 | 1190 | 83 | 53-126 |
| 132-64-9 | Dibenzofuran | 1430 | 952 | 67 | 45-114 |
| 84-74-2 | Di-n-butyl phthalate | 1430 | 1130 | 79 | 56-125 |
| 117-84-0 | Di-n-octyl phthalate | 1430 | 1140 | 80 | 49-145 |
| 84-66-2 | Diethyl phthalate | 1430 | 1080 | 76 | 52-118 |
| 131-11-3 | Dimethyl phthalate | 1430 | 1140 | 80 | 54-114 |
| 117-81-7 | bis(2-Ethylhexyl)phthalate | 1430 | 1170 | 82 | 52-138 |
| 206-44-0 | Fluoranthene | 1430 | 1160 | 81 | 55-119 |
| 86-73-7 | Fluorene | 1430 | 1060 | 74 | 51-114 |
| 118-74-1 | Hexachlorobenzene | 1430 | 1220 | 85 | 47-122 |
| 87-68-3 | Hexachlorobutadiene | 1430 | 1050 | 74 | 28-117 |
| 77-47-4 | Hexachlorocyclopentadiene | 2860 | 1840 | 64 | 22-126 |
| 67-72-1 | Hexachloroethane | 1430 | 1100 | 77 | 28-103 |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 1430 | 1100 | 77 | 53-128 |
| 78-59-1 | Isophorone | 1430 | 1040 | 73 | 37-117 |
| 91-57-6 | 2-Methylnaphthalene | 1430 | 839 | 59 | 34-114 |
| 88-74-4 | 2-Nitroaniline | 1430 | 992 | 69 | 46-135 |
| 99-09-2 | 3-Nitroaniline | 1430 | 909 | 64 | 44-114 |
| 100-01-6 | 4-Nitroaniline | 1430 | 1010 | 71 | 44-128 |
| 91-20-3 | Naphthalene | 1430 | 892 | 62 | 37-104 |
| 98-95-3 | Nitrobenzene | 1430 | 1030 | 72 | 34-117 |
| 621-64-7 | N-Nitroso-di-n-propylamine | 1430 | 918 | 64 | 35-115 |
| 86-30-6 | N-Nitrosodiphenylamine | 1430 | 1090 | 76 | 51-114 |
| 85-01-8 | Phenanthrene | 1430 | 1050 | 74 | 55-113 |
| 129-00-0 | Pyrene | 1430 | 1130 | 79 | 54-120 |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 1430 | 1230 | 86 | 38-112 |

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JB57522
Account: AKRFNYNY AKRF
Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|----------|----|----------|----|-----------|------------|------------------|
| OP72024-BS1 | Z88117.D | 1 | 01/16/14 | EP | 01/15/14 | OP72024 | EZ4399 |

The QC reported here applies to the following samples:

Method: SW846 8270D

JB57666-1, JB57666-2

| CAS No. | Surrogate Recoveries | BSP | Limits |
|-----------|----------------------|-----|---------|
| 367-12-4 | 2-Fluorophenol | 80% | 13-110% |
| 4165-62-2 | Phenol-d5 | 71% | 15-110% |
| 118-79-6 | 2,4,6-Tribromophenol | 92% | 20-123% |
| 4165-60-0 | Nitrobenzene-d5 | 72% | 10-110% |
| 321-60-8 | 2-Fluorobiphenyl | 73% | 17-110% |
| 3386-33-2 | 1-Chlorooctadecane | 0% | -% |
| 1718-51-0 | Terphenyl-d14 | 93% | 30-124% |

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JB57522
Account: AKRFNYNY AKRF
Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|----------|----|----------|----|-----------|------------|------------------|
| OP72054-BS1 | Z88119.D | 1 | 01/16/14 | EP | 01/16/14 | OP72054 | EZ4399 |

The QC reported here applies to the following samples:

Method: SW846 8270D

JB57834-1, JB57834-2, JB57834-3, JB57834-4, JB57834-5

| CAS No. | Compound | Spike ug/kg | BSP ug/kg | BSP % | Limits |
|-----------|----------------------------|----------------|--------------|----------|--------|
| 95-57-8 | 2-Chlorophenol | 1430 | 1090 | 76 | 37-110 |
| 59-50-7 | 4-Chloro-3-methyl phenol | 1430 | 1080 | 76 | 44-125 |
| 120-83-2 | 2,4-Dichlorophenol | 1430 | 1160 | 81 | 41-120 |
| 105-67-9 | 2,4-Dimethylphenol | 1430 | 1160 | 81 | 43-137 |
| 51-28-5 | 2,4-Dinitrophenol | 2860 | 2280 | 80 | 21-147 |
| 534-52-1 | 4,6-Dinitro-o-cresol | 1430 | 1050 | 74 | 37-136 |
| 95-48-7 | 2-Methylphenol | 1430 | 1060 | 74 | 40-110 |
| | 3&4-Methylphenol | 1430 | 1010 | 71 | 39-111 |
| 88-75-5 | 2-Nitrophenol | 1430 | 1170 | 82 | 36-117 |
| 100-02-7 | 4-Nitrophenol | 1430 | 1050 | 74 | 26-143 |
| 87-86-5 | Pentachlorophenol | 1430 | 1290 | 90 | 21-123 |
| 108-95-2 | Phenol | 1430 | 1080 | 76 | 36-112 |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 1430 | 1220 | 85 | 40-121 |
| 95-95-4 | 2,4,5-Trichlorophenol | 1430 | 1140 | 80 | 48-120 |
| 88-06-2 | 2,4,6-Trichlorophenol | 1430 | 1200 | 84 | 48-119 |
| 83-32-9 | Acenaphthene | 1430 | 1090 | 76 | 46-110 |
| 208-96-8 | Acenaphthylene | 1430 | 920 | 64 | 43-103 |
| 98-86-2 | Acetophenone | 1430 | 1040 | 73 | 35-120 |
| 120-12-7 | Anthracene | 1430 | 1070 | 75 | 56-118 |
| 1912-24-9 | Atrazine | 1430 | 1420 | 99 | 57-151 |
| 56-55-3 | Benzo(a)anthracene | 1430 | 1090 | 76 | 56-117 |
| 50-32-8 | Benzo(a)pyrene | 1430 | 1110 | 78 | 56-124 |
| 205-99-2 | Benzo(b)fluoranthene | 1430 | 1130 | 79 | 53-127 |
| 191-24-2 | Benzo(g,h,i)perylene | 1430 | 1090 | 76 | 52-126 |
| 207-08-9 | Benzo(k)fluoranthene | 1430 | 1040 | 73 | 51-122 |
| 101-55-3 | 4-Bromophenyl phenyl ether | 1430 | 1190 | 83 | 51-121 |
| 85-68-7 | Butyl benzyl phthalate | 1430 | 1160 | 81 | 52-133 |
| 92-52-4 | 1,1'-Biphenyl | 1430 | 1040 | 73 | 42-122 |
| 100-52-7 | Benzaldehyde | 1430 | 1270 | 89 | 30-119 |
| 91-58-7 | 2-Chloronaphthalene | 1430 | 1200 | 84 | 42-110 |
| 106-47-8 | 4-Chloroaniline | 1430 | 895 | 63 | 32-102 |
| 86-74-8 | Carbazole | 1430 | 1160 | 81 | 53-119 |
| 105-60-2 | Caprolactam | 1430 | 1090 | 76 | 35-144 |
| 218-01-9 | Chrysene | 1430 | 1110 | 78 | 54-121 |
| 111-91-1 | bis(2-Chloroethoxy)methane | 1430 | 1220 | 85 | 40-118 |
| 111-44-4 | bis(2-Chloroethyl)ether | 1430 | 1180 | 83 | 33-110 |

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JB57522
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| | | | | | | | |
|-------------|----------|----|----------|----|-----------|------------|------------------|
| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
| OP72054-BS1 | Z88119.D | 1 | 01/16/14 | EP | 01/16/14 | OP72054 | EZ4399 |

The QC reported here applies to the following samples:

Method: SW846 8270D

JB57834-1, JB57834-2, JB57834-3, JB57834-4, JB57834-5

| CAS No. | Compound | Spike ug/kg | BSP ug/kg | BSP % | Limits |
|-----------|-----------------------------|----------------|--------------|----------|--------|
| 108-60-1 | bis(2-Chloroisopropyl)ether | 1430 | 1120 | 78 | 30-108 |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | 1430 | 1240 | 87 | 48-116 |
| 121-14-2 | 2,4-Dinitrotoluene | 1430 | 1280 | 90 | 51-126 |
| 606-20-2 | 2,6-Dinitrotoluene | 1430 | 1260 | 88 | 52-126 |
| 91-94-1 | 3,3'-Dichlorobenzidine | 2860 | 2100 | 74 | 49-115 |
| 123-91-1 | 1,4-Dioxane | 1430 | 754 | 53 | 10-110 |
| 53-70-3 | Dibenzo(a,h)anthracene | 1430 | 1140 | 80 | 53-126 |
| 132-64-9 | Dibenzofuran | 1430 | 1120 | 78 | 45-114 |
| 84-74-2 | Di-n-butyl phthalate | 1430 | 1100 | 77 | 56-125 |
| 117-84-0 | Di-n-octyl phthalate | 1430 | 1110 | 78 | 49-145 |
| 84-66-2 | Diethyl phthalate | 1430 | 1070 | 75 | 52-118 |
| 131-11-3 | Dimethyl phthalate | 1430 | 1160 | 81 | 54-114 |
| 117-81-7 | bis(2-Ethylhexyl)phthalate | 1430 | 1170 | 82 | 52-138 |
| 206-44-0 | Fluoranthene | 1430 | 1120 | 78 | 55-119 |
| 86-73-7 | Fluorene | 1430 | 1090 | 76 | 51-114 |
| 118-74-1 | Hexachlorobenzene | 1430 | 1200 | 84 | 47-122 |
| 87-68-3 | Hexachlorobutadiene | 1430 | 1260 | 88 | 28-117 |
| 77-47-4 | Hexachlorocyclopentadiene | 2860 | 2480 | 87 | 22-126 |
| 67-72-1 | Hexachloroethane | 1430 | 1310 | 92 | 28-103 |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 1430 | 1070 | 75 | 53-128 |
| 78-59-1 | Isophorone | 1430 | 1200 | 84 | 37-117 |
| 91-57-6 | 2-Methylnaphthalene | 1430 | 1060 | 74 | 34-114 |
| 88-74-4 | 2-Nitroaniline | 1430 | 1110 | 78 | 46-135 |
| 99-09-2 | 3-Nitroaniline | 1430 | 933 | 65 | 44-114 |
| 100-01-6 | 4-Nitroaniline | 1430 | 1100 | 77 | 44-128 |
| 91-20-3 | Naphthalene | 1430 | 1050 | 74 | 37-104 |
| 98-95-3 | Nitrobenzene | 1430 | 1240 | 87 | 34-117 |
| 621-64-7 | N-Nitroso-di-n-propylamine | 1430 | 1100 | 77 | 35-115 |
| 86-30-6 | N-Nitrosodiphenylamine | 1430 | 1070 | 75 | 51-114 |
| 85-01-8 | Phenanthrene | 1430 | 1030 | 72 | 55-113 |
| 129-00-0 | Pyrene | 1430 | 1110 | 78 | 54-120 |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 1430 | 1440 | 101 | 38-112 |

* = Outside of Control Limits.

7.2.3
7

Blank Spike Summary

Job Number: JB57522
Account: AKRFNYNY AKRF
Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|----------|----|----------|----|-----------|------------|------------------|
| OP72054-BS1 | Z88119.D | 1 | 01/16/14 | EP | 01/16/14 | OP72054 | EZ4399 |

The QC reported here applies to the following samples:

Method: SW846 8270D

JB57834-1, JB57834-2, JB57834-3, JB57834-4, JB57834-5

| CAS No. | Surrogate Recoveries | BSP | Limits |
|-----------|----------------------|-----|---------|
| 367-12-4 | 2-Fluorophenol | 98% | 13-110% |
| 4165-62-2 | Phenol-d5 | 85% | 15-110% |
| 118-79-6 | 2,4,6-Tribromophenol | 91% | 20-123% |
| 4165-60-0 | Nitrobenzene-d5 | 87% | 10-110% |
| 321-60-8 | 2-Fluorobiphenyl | 81% | 17-110% |
| 1718-51-0 | Terphenyl-d14 | 91% | 30-124% |

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JB57522
Account: AKRFNYNY AKRF
Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|----------|----|----------|----|-----------|------------|------------------|
| OP72113-BS1 | P81949.D | 1 | 01/20/14 | AD | 01/20/14 | OP72113 | EP3489 |

The QC reported here applies to the following samples:

Method: SW846 8270D

JB58123-3, JB58123-4, JB58123-5, JB58123-6, JB58123-7, JB58123-8

| CAS No. | Compound | Spike ug/kg | BSP ug/kg | BSP % | Limits |
|-----------|----------------------------|----------------|--------------|----------|--------|
| 95-57-8 | 2-Chlorophenol | 1430 | 979 | 69 | 37-110 |
| 59-50-7 | 4-Chloro-3-methyl phenol | 1430 | 986 | 69 | 44-125 |
| 120-83-2 | 2,4-Dichlorophenol | 1430 | 1100 | 77 | 41-120 |
| 105-67-9 | 2,4-Dimethylphenol | 1430 | 996 | 70 | 43-137 |
| 51-28-5 | 2,4-Dinitrophenol | 2860 | 1980 | 69 | 21-147 |
| 534-52-1 | 4,6-Dinitro-o-cresol | 1430 | 991 | 69 | 37-136 |
| 95-48-7 | 2-Methylphenol | 1430 | 757 | 53 | 40-110 |
| | 3&4-Methylphenol | 1430 | 863 | 60 | 39-111 |
| 88-75-5 | 2-Nitrophenol | 1430 | 1070 | 75 | 36-117 |
| 100-02-7 | 4-Nitrophenol | 1430 | 1090 | 76 | 26-143 |
| 87-86-5 | Pentachlorophenol | 1430 | 1100 | 77 | 21-123 |
| 108-95-2 | Phenol | 1430 | 913 | 64 | 36-112 |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 1430 | 1030 | 72 | 40-121 |
| 95-95-4 | 2,4,5-Trichlorophenol | 1430 | 996 | 70 | 48-120 |
| 88-06-2 | 2,4,6-Trichlorophenol | 1430 | 1020 | 71 | 48-119 |
| 83-32-9 | Acenaphthene | 1430 | 1010 | 71 | 46-110 |
| 208-96-8 | Acenaphthylene | 1430 | 875 | 61 | 43-103 |
| 98-86-2 | Acetophenone | 1430 | 969 | 68 | 35-120 |
| 120-12-7 | Anthracene | 1430 | 984 | 69 | 56-118 |
| 1912-24-9 | Atrazine | 1430 | 1300 | 91 | 57-151 |
| 56-55-3 | Benzo(a)anthracene | 1430 | 856 | 60 | 56-117 |
| 50-32-8 | Benzo(a)pyrene | 1430 | 959 | 67 | 56-124 |
| 205-99-2 | Benzo(b)fluoranthene | 1430 | 849 | 59 | 53-127 |
| 191-24-2 | Benzo(g,h,i)perylene | 1430 | 937 | 66 | 52-126 |
| 207-08-9 | Benzo(k)fluoranthene | 1430 | 990 | 69 | 51-122 |
| 101-55-3 | 4-Bromophenyl phenyl ether | 1430 | 1150 | 81 | 51-121 |
| 85-68-7 | Butyl benzyl phthalate | 1430 | 1030 | 72 | 52-133 |
| 92-52-4 | 1,1'-Biphenyl | 1430 | 1020 | 71 | 42-122 |
| 100-52-7 | Benzaldehyde | 1430 | 1070 | 75 | 30-119 |
| 91-58-7 | 2-Chloronaphthalene | 1430 | 1130 | 79 | 42-110 |
| 106-47-8 | 4-Chloroaniline | 1430 | 718 | 50 | 32-102 |
| 86-74-8 | Carbazole | 1430 | 1070 | 75 | 53-119 |
| 105-60-2 | Caprolactam | 1430 | 880 | 62 | 35-144 |
| 218-01-9 | Chrysene | 1430 | 1020 | 71 | 54-121 |
| 111-91-1 | bis(2-Chloroethoxy)methane | 1430 | 1020 | 71 | 40-118 |
| 111-44-4 | bis(2-Chloroethyl)ether | 1430 | 1010 | 71 | 33-110 |

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JB57522
Account: AKRFNYNY AKRF
Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|----------|----|----------|----|-----------|------------|------------------|
| OP72113-BS1 | P81949.D | 1 | 01/20/14 | AD | 01/20/14 | OP72113 | EP3489 |

The QC reported here applies to the following samples:

Method: SW846 8270D

JB58123-3, JB58123-4, JB58123-5, JB58123-6, JB58123-7, JB58123-8

| CAS No. | Compound | Spike ug/kg | BSP ug/kg | BSP % | Limits |
|-----------|-----------------------------|----------------|--------------|----------|--------|
| 108-60-1 | bis(2-Chloroisopropyl)ether | 1430 | 938 | 66 | 30-108 |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | 1430 | 1060 | 74 | 48-116 |
| 121-14-2 | 2,4-Dinitrotoluene | 1430 | 1070 | 75 | 51-126 |
| 606-20-2 | 2,6-Dinitrotoluene | 1430 | 1230 | 86 | 52-126 |
| 91-94-1 | 3,3'-Dichlorobenzidine | 2860 | 1770 | 62 | 49-115 |
| 123-91-1 | 1,4-Dioxane | 1430 | 618 | 43 | 10-110 |
| 53-70-3 | Dibenzo(a,h)anthracene | 1430 | 969 | 68 | 53-126 |
| 132-64-9 | Dibenzofuran | 1430 | 970 | 68 | 45-114 |
| 84-74-2 | Di-n-butyl phthalate | 1430 | 1060 | 74 | 56-125 |
| 117-84-0 | Di-n-octyl phthalate | 1430 | 1020 | 71 | 49-145 |
| 84-66-2 | Diethyl phthalate | 1430 | 1040 | 73 | 52-118 |
| 131-11-3 | Dimethyl phthalate | 1430 | 1060 | 74 | 54-114 |
| 117-81-7 | bis(2-Ethylhexyl)phthalate | 1430 | 1120 | 78 | 52-138 |
| 206-44-0 | Fluoranthene | 1430 | 974 | 68 | 55-119 |
| 86-73-7 | Fluorene | 1430 | 968 | 68 | 51-114 |
| 118-74-1 | Hexachlorobenzene | 1430 | 1190 | 83 | 47-122 |
| 87-68-3 | Hexachlorobutadiene | 1430 | 1350 | 95 | 28-117 |
| 77-47-4 | Hexachlorocyclopentadiene | 2860 | 2420 | 85 | 22-126 |
| 67-72-1 | Hexachloroethane | 1430 | 1260 | 88 | 28-103 |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 1430 | 1070 | 75 | 53-128 |
| 78-59-1 | Isophorone | 1430 | 1070 | 75 | 37-117 |
| 91-57-6 | 2-Methylnaphthalene | 1430 | 959 | 67 | 34-114 |
| 88-74-4 | 2-Nitroaniline | 1430 | 969 | 68 | 46-135 |
| 99-09-2 | 3-Nitroaniline | 1430 | 784 | 55 | 44-114 |
| 100-01-6 | 4-Nitroaniline | 1430 | 897 | 63 | 44-128 |
| 91-20-3 | Naphthalene | 1430 | 981 | 69 | 37-104 |
| 98-95-3 | Nitrobenzene | 1430 | 1090 | 76 | 34-117 |
| 621-64-7 | N-Nitroso-di-n-propylamine | 1430 | 975 | 68 | 35-115 |
| 86-30-6 | N-Nitrosodiphenylamine | 1430 | 1010 | 71 | 51-114 |
| 85-01-8 | Phenanthrene | 1430 | 956 | 67 | 55-113 |
| 129-00-0 | Pyrene | 1430 | 933 | 65 | 54-120 |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 1430 | 1100 | 77 | 38-112 |

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JB57522
Account: AKRFNYNY AKRF
Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|----------|----|----------|----|-----------|------------|------------------|
| OP72113-BS1 | P81949.D | 1 | 01/20/14 | AD | 01/20/14 | OP72113 | EP3489 |

The QC reported here applies to the following samples:

Method: SW846 8270D

JB58123-3, JB58123-4, JB58123-5, JB58123-6, JB58123-7, JB58123-8

| CAS No. | Surrogate Recoveries | BSP | Limits |
|-----------|----------------------|------|---------|
| 367-12-4 | 2-Fluorophenol | 80% | 13-110% |
| 4165-62-2 | Phenol-d5 | 71% | 15-110% |
| 118-79-6 | 2,4,6-Tribromophenol | 103% | 20-123% |
| 4165-60-0 | Nitrobenzene-d5 | 80% | 10-110% |
| 321-60-8 | 2-Fluorobiphenyl | 80% | 17-110% |
| 1718-51-0 | Terphenyl-d14 | 88% | 30-124% |

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JB57522
Account: AKRFNYNY AKRF
Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|-----------|----|----------|----|-----------|------------|------------------|
| OP72149-BS1 | 3P28705.D | 1 | 01/22/14 | CH | 01/21/14 | OP72149 | E3P1215 |

The QC reported here applies to the following samples:

Method: SW846 8270D

JB58216-1, JB58216-2, JB58216-3, JB58216-4

| CAS No. | Compound | Spike ug/kg | BSP ug/kg | BSP % | Limits |
|-----------|----------------------------|----------------|--------------|----------|--------|
| 95-57-8 | 2-Chlorophenol | 1430 | 1110 | 78 | 37-110 |
| 59-50-7 | 4-Chloro-3-methyl phenol | 1430 | 1050 | 74 | 44-125 |
| 120-83-2 | 2,4-Dichlorophenol | 1430 | 1050 | 74 | 41-120 |
| 105-67-9 | 2,4-Dimethylphenol | 1430 | 962 | 67 | 43-137 |
| 51-28-5 | 2,4-Dinitrophenol | 2860 | 2610 | 91 | 21-147 |
| 534-52-1 | 4,6-Dinitro-o-cresol | 1430 | 1240 | 87 | 37-136 |
| 95-48-7 | 2-Methylphenol | 1430 | 1050 | 74 | 40-110 |
| | 3&4-Methylphenol | 1430 | 1050 | 74 | 39-111 |
| 88-75-5 | 2-Nitrophenol | 1430 | 950 | 67 | 36-117 |
| 100-02-7 | 4-Nitrophenol | 1430 | 1440 | 101 | 26-143 |
| 87-86-5 | Pentachlorophenol | 1430 | 1280 | 90 | 21-123 |
| 108-95-2 | Phenol | 1430 | 1090 | 76 | 36-112 |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 1430 | 1330 | 93 | 40-121 |
| 95-95-4 | 2,4,5-Trichlorophenol | 1430 | 1160 | 81 | 48-120 |
| 88-06-2 | 2,4,6-Trichlorophenol | 1430 | 1190 | 83 | 48-119 |
| 83-32-9 | Acenaphthene | 1430 | 1080 | 76 | 46-110 |
| 208-96-8 | Acenaphthylene | 1430 | 905 | 63 | 43-103 |
| 98-86-2 | Acetophenone | 1430 | 1140 | 80 | 35-120 |
| 120-12-7 | Anthracene | 1430 | 1130 | 79 | 56-118 |
| 1912-24-9 | Atrazine | 1430 | 1650 | 116 | 57-151 |
| 56-55-3 | Benzo(a)anthracene | 1430 | 1110 | 78 | 56-117 |
| 50-32-8 | Benzo(a)pyrene | 1430 | 1170 | 82 | 56-124 |
| 205-99-2 | Benzo(b)fluoranthene | 1430 | 1170 | 82 | 53-127 |
| 191-24-2 | Benzo(g,h,i)perylene | 1430 | 1190 | 83 | 52-126 |
| 207-08-9 | Benzo(k)fluoranthene | 1430 | 1120 | 78 | 51-122 |
| 101-55-3 | 4-Bromophenyl phenyl ether | 1430 | 1200 | 84 | 51-121 |
| 85-68-7 | Butyl benzyl phthalate | 1430 | 1140 | 80 | 52-133 |
| 92-52-4 | 1,1'-Biphenyl | 1430 | 1020 | 71 | 42-122 |
| 100-52-7 | Benzaldehyde | 1430 | 1290 | 90 | 30-119 |
| 91-58-7 | 2-Chloronaphthalene | 1430 | 1150 | 81 | 42-110 |
| 106-47-8 | 4-Chloroaniline | 1430 | 774 | 54 | 32-102 |
| 86-74-8 | Carbazole | 1430 | 1330 | 93 | 53-119 |
| 105-60-2 | Caprolactam | 1430 | 1180 | 83 | 35-144 |
| 218-01-9 | Chrysene | 1430 | 1120 | 78 | 54-121 |
| 111-91-1 | bis(2-Chloroethoxy)methane | 1430 | 999 | 70 | 40-118 |
| 111-44-4 | bis(2-Chloroethyl)ether | 1430 | 1100 | 77 | 33-110 |

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JB57522
Account: AKRFNYNY AKRF
Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|-----------|----|----------|----|-----------|------------|------------------|
| OP72149-BS1 | 3P28705.D | 1 | 01/22/14 | CH | 01/21/14 | OP72149 | E3P1215 |

The QC reported here applies to the following samples:

Method: SW846 8270D

JB58216-1, JB58216-2, JB58216-3, JB58216-4

| CAS No. | Compound | Spike ug/kg | BSP ug/kg | BSP % | Limits |
|-----------|-----------------------------|----------------|--------------|----------|--------|
| 108-60-1 | bis(2-Chloroisopropyl)ether | 1430 | 974 | 68 | 30-108 |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | 1430 | 1300 | 91 | 48-116 |
| 121-14-2 | 2,4-Dinitrotoluene | 1430 | 1490 | 104 | 51-126 |
| 606-20-2 | 2,6-Dinitrotoluene | 1430 | 1390 | 97 | 52-126 |
| 91-94-1 | 3,3'-Dichlorobenzidine | 2860 | 2420 | 85 | 49-115 |
| 123-91-1 | 1,4-Dioxane | 1430 | 498 | 35 | 10-110 |
| 53-70-3 | Dibenzo(a,h)anthracene | 1430 | 1260 | 88 | 53-126 |
| 132-64-9 | Dibenzofuran | 1430 | 1120 | 78 | 45-114 |
| 84-74-2 | Di-n-butyl phthalate | 1430 | 1270 | 89 | 56-125 |
| 117-84-0 | Di-n-octyl phthalate | 1430 | 1220 | 85 | 49-145 |
| 84-66-2 | Diethyl phthalate | 1430 | 1310 | 92 | 52-118 |
| 131-11-3 | Dimethyl phthalate | 1430 | 1240 | 87 | 54-114 |
| 117-81-7 | bis(2-Ethylhexyl)phthalate | 1430 | 1140 | 80 | 52-138 |
| 206-44-0 | Fluoranthene | 1430 | 1270 | 89 | 55-119 |
| 86-73-7 | Fluorene | 1430 | 1160 | 81 | 51-114 |
| 118-74-1 | Hexachlorobenzene | 1430 | 1380 | 97 | 47-122 |
| 87-68-3 | Hexachlorobutadiene | 1430 | 1070 | 75 | 28-117 |
| 77-47-4 | Hexachlorocyclopentadiene | 2860 | 1580 | 55 | 22-126 |
| 67-72-1 | Hexachloroethane | 1430 | 1210 | 85 | 28-103 |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 1430 | 1220 | 85 | 53-128 |
| 78-59-1 | Isophorone | 1430 | 1000 | 70 | 37-117 |
| 91-57-6 | 2-Methylnaphthalene | 1430 | 933 | 65 | 34-114 |
| 88-74-4 | 2-Nitroaniline | 1430 | 1160 | 81 | 46-135 |
| 99-09-2 | 3-Nitroaniline | 1430 | 1040 | 73 | 44-114 |
| 100-01-6 | 4-Nitroaniline | 1430 | 1200 | 84 | 44-128 |
| 91-20-3 | Naphthalene | 1430 | 907 | 63 | 37-104 |
| 98-95-3 | Nitrobenzene | 1430 | 985 | 69 | 34-117 |
| 621-64-7 | N-Nitroso-di-n-propylamine | 1430 | 1140 | 80 | 35-115 |
| 86-30-6 | N-Nitrosodiphenylamine | 1430 | 1110 | 78 | 51-114 |
| 85-01-8 | Phenanthrene | 1430 | 1120 | 78 | 55-113 |
| 129-00-0 | Pyrene | 1430 | 1010 | 71 | 54-120 |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 1430 | 1270 | 89 | 38-112 |

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JB57522
Account: AKRFNYNY AKRF
Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|-----------|----|----------|----|-----------|------------|------------------|
| OP72149-BS1 | 3P28705.D | 1 | 01/22/14 | CH | 01/21/14 | OP72149 | E3P1215 |

The QC reported here applies to the following samples:

Method: SW846 8270D

JB58216-1, JB58216-2, JB58216-3, JB58216-4

| CAS No. | Surrogate Recoveries | BSP | Limits |
|-----------|----------------------|------|---------|
| 367-12-4 | 2-Fluorophenol | 87% | 13-110% |
| 4165-62-2 | Phenol-d5 | 88% | 15-110% |
| 118-79-6 | 2,4,6-Tribromophenol | 105% | 20-123% |
| 4165-60-0 | Nitrobenzene-d5 | 69% | 10-110% |
| 321-60-8 | 2-Fluorobiphenyl | 80% | 17-110% |
| 1718-51-0 | Terphenyl-d14 | 98% | 30-124% |

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JB57522
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|-----------|----|----------|----|-----------|------------|------------------|
| OP71995-MS | M101013.D | 1 | 01/15/14 | KR | 01/14/14 | OP71995 | EM4114 |
| OP71995-MSD | M101014.D | 1 | 01/15/14 | KR | 01/14/14 | OP71995 | EM4114 |
| JB57389-20 | M101010.D | 1 | 01/15/14 | KR | 01/14/14 | OP71995 | EM4114 |
| JB57389-20 | M101015.D | 20 | 01/15/14 | KR | 01/14/14 | OP71995 | EM4114 |

The QC reported here applies to the following samples:

Method: SW846 8270D

JB57522-1, JB57522-2, JB57522-3, JB57522-4

| CAS No. | Compound | JB57389-20 ug/kg | Spike Q | ug/kg | MS ug/kg | MS % | MSD ug/kg | MSD % | RPD | Limits Rec/RPD |
|-----------|----------------------------|---------------------|------------|-------|-------------|---------|--------------|----------|-----|-------------------|
| 95-57-8 | 2-Chlorophenol | ND | | 2100 | 1910 | 91 | 1570 | 82 | 20 | 16-104/44 |
| 59-50-7 | 4-Chloro-3-methyl phenol | ND | | 2100 | 3140 | 149* a | 3330 | 173* a | 6 | 25-118/41 |
| 120-83-2 | 2,4-Dichlorophenol | ND | | 2100 | 4540 | 216* a | 3840 | 200* a | 17 | 20-111/42 |
| 105-67-9 | 2,4-Dimethylphenol | ND | | 2100 | 3770 | 179* a | 3390 | 176* a | 11 | 21-124/40 |
| 51-28-5 | 2,4-Dinitrophenol | ND | | 4210 | 1220 | 29 | 983 | 26 | 22 | 10-110/54 |
| 534-52-1 | 4,6-Dinitro-o-cresol | ND | | 2100 | 451 | 21 | 383 | 20 | 16 | 10-111/55 |
| 95-48-7 | 2-Methylphenol | ND | | 2100 | 1950 | 93 | 1780 | 92 | 9 | 19-105/42 |
| | 3&4-Methylphenol | ND | | 2100 | 1380 | 66 | 1370 | 71 | 1 | 17-108/43 |
| 88-75-5 | 2-Nitrophenol | ND | | 2100 | 3040 | 144* a | 1980 | 103 | 42 | 11-103/44 |
| 100-02-7 | 4-Nitrophenol | ND | | 2100 | 4820 | 229* a | 4610 | 240* a | 4 | 10-141/48 |
| 87-86-5 | Pentachlorophenol | ND | | 2100 | 2950 | 140* a | 2480 | 129* a | 17 | 10-114/47 |
| 108-95-2 | Phenol | ND | | 2100 | 2780 | 132* a | 2220 | 115* a | 22 | 16-105/42 |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | ND | | 2100 | 2740 | 130* a | 2540 | 132* a | 8 | 20-116/42 |
| 95-95-4 | 2,4,5-Trichlorophenol | ND | | 2100 | 2640 | 125* a | 2340 | 122* a | 12 | 24-116/42 |
| 88-06-2 | 2,4,6-Trichlorophenol | ND | | 2100 | 2490 | 118* a | 2120 | 110 | 16 | 21-117/40 |
| 83-32-9 | Acenaphthene | 618 | | 2100 | 3460 | 135* a | 3100 | 129* a | 11 | 25-106/38 |
| 208-96-8 | Acenaphthylene | ND | | 2100 | 2790 | 133* a | 2500 | 130* a | 11 | 21-110/39 |
| 98-86-2 | Acetophenone | ND | | 2100 | 9560 | 454* a | 10300 | 535* a | 7 | 13-117/43 |
| 120-12-7 | Anthracene | ND | | 2100 | 2850 | 135* a | 2350 | 122 | 19 | 27-123/40 |
| 1912-24-9 | Atrazine | ND | | 2100 | 4180 | 199* a | 3440 | 179* a | 19 | 31-147/39 |
| 56-55-3 | Benzo(a)anthracene | 31.7 | J | 2100 | 2140 | 100 | 1760 | 90 | 19 | 22-127/44 |
| 50-32-8 | Benzo(a)pyrene | 21.1 | J | 2100 | 2260 | 106 | 1890 | 97 | 18 | 22-132/42 |
| 205-99-2 | Benzo(b)fluoranthene | 27.5 | J | 2100 | 2140 | 100 | 1800 | 92 | 17 | 17-141/45 |
| 191-24-2 | Benzo(g,h,i)perylene | ND | | 2100 | 2390 | 114 | 1980 | 103 | 19 | 23-129/42 |
| 207-08-9 | Benzo(k)fluoranthene | ND | | 2100 | 2080 | 99 | 1770 | 92 | 16 | 20-124/44 |
| 101-55-3 | 4-Bromophenyl phenyl ether | ND | | 2100 | 2610 | 124* a | 2210 | 115 | 17 | 30-116/38 |
| 85-68-7 | Butyl benzyl phthalate | ND | | 2100 | 2250 | 107 | 1790 | 93 | 23 | 26-134/40 |
| 92-52-4 | 1,1'-Biphenyl | 1130 | | 2100 | 3510 | 113 | 3100 | 102 | 12 | 22-114/41 |
| 100-52-7 | Benzaldehyde | ND | | 2100 | ND | 0* a | ND | 0* a | nc | 10-115/42 |
| 91-58-7 | 2-Chloronaphthalene | ND | | 2100 | 2180 | 104* a | 1870 | 97 | 15 | 24-101/40 |
| 106-47-8 | 4-Chloroaniline | ND | | 2100 | 2210 | 105 | 1480 | 77 | 40 | 15-110/44 |
| 86-74-8 | Carbazole | ND | | 2100 | 2540 | 121 | 2120 | 110 | 18 | 27-123/38 |
| 105-60-2 | Caprolactam | ND | | 2100 | ND | 0* a | ND | 0* a | nc | 10-141/42 |
| 218-01-9 | Chrysene | 32.1 | J | 2100 | 2200 | 103 | 1810 | 92 | 19 | 21-131/42 |
| 111-91-1 | bis(2-Chloroethoxy)methane | ND | | 2100 | 2750 | 131* a | 2400 | 125* a | 14 | 21-108/40 |
| 111-44-4 | bis(2-Chloroethyl)ether | ND | | 2100 | 2220 | 105* a | 1930 | 100 | 14 | 13-104/44 |

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JB57522
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|-----------|----|----------|----|-----------|------------|------------------|
| OP71995-MS | M101013.D | 1 | 01/15/14 | KR | 01/14/14 | OP71995 | EM4114 |
| OP71995-MSD | M101014.D | 1 | 01/15/14 | KR | 01/14/14 | OP71995 | EM4114 |
| JB57389-20 | M101010.D | 1 | 01/15/14 | KR | 01/14/14 | OP71995 | EM4114 |
| JB57389-20 | M101015.D | 20 | 01/15/14 | KR | 01/14/14 | OP71995 | EM4114 |

The QC reported here applies to the following samples:

Method: SW846 8270D

JB57522-1, JB57522-2, JB57522-3, JB57522-4

| CAS No. | Compound | JB57389-20 ug/kg | Spike Q | ug/kg | MS ug/kg | MS % | MSD ug/kg | MSD % | RPD | Limits Rec/RPD |
|-----------|-----------------------------|---------------------|------------|-------|-------------|---------|--------------|----------|-----|-------------------|
| 108-60-1 | bis(2-Chloroisopropyl)ether | ND | | 2100 | 1470 | 70 | 1380 | 72 | 6 | 13-110/42 |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | ND | | 2100 | 2790 | 133* a | 2670 | 139* a | 4 | 27-111/38 |
| 121-14-2 | 2,4-Dinitrotoluene | ND | | 2100 | 3300 | 157* a | 2890 | 150* a | 13 | 20-124/40 |
| 606-20-2 | 2,6-Dinitrotoluene | ND | | 2100 | 2020 | 96 | 1840 | 96 | 9 | 24-122/38 |
| 91-94-1 | 3,3'-Dichlorobenzidine | ND | | 4210 | 3100 | 74 | 2050 | 53 | 41 | 10-121/45 |
| 123-91-1 | 1,4-Dioxane | ND | | 2100 | 2060 | 98 | 2370 | 123* a | 14 | 10-110/48 |
| 53-70-3 | Dibenzo(a,h)anthracene | ND | | 2100 | 2400 | 114 | 2000 | 104 | 18 | 26-129/42 |
| 132-64-9 | Dibenzofuran | 696 | | 2100 | 3450 | 131* a | 3100 | 125* a | 11 | 21-114/39 |
| 84-74-2 | Di-n-butyl phthalate | ND | | 2100 | 2800 | 133* a | 2310 | 120 | 19 | 29-127/39 |
| 117-84-0 | Di-n-octyl phthalate | ND | | 2100 | 2030 | 96 | 1690 | 88 | 18 | 25-140/43 |
| 84-66-2 | Diethyl phthalate | ND | | 2100 | 3290 | 156* a | 2930 | 152* a | 12 | 32-115/37 |
| 131-11-3 | Dimethyl phthalate | ND | | 2100 | 2600 | 124* a | 2310 | 120* a | 12 | 29-115/37 |
| 117-81-7 | bis(2-Ethylhexyl)phthalate | 79.4 | | 2100 | 2380 | 109 | 1710 | 85 | 33 | 26-140/43 |
| 206-44-0 | Fluoranthene | 124 | | 2100 | 3030 | 138* a | 2460 | 121 | 21 | 16-134/44 |
| 86-73-7 | Fluorene | 1530 | | 2100 | 4840 | 157* a | 4390 | 149* a | 10 | 24-116/39 |
| 118-74-1 | Hexachlorobenzene | ND | | 2100 | 2550 | 121* a | 2220 | 115 | 14 | 24-118/41 |
| 87-68-3 | Hexachlorobutadiene | ND | | 2100 | 3820 | 182* a | 3150 | 164* a | 19 | 15-110/42 |
| 77-47-4 | Hexachlorocyclopentadiene | ND | | 4210 | 1810 | 43 | 1510 | 39 | 18 | 10-110/52 |
| 67-72-1 | Hexachloroethane | ND | | 2100 | 1850 | 88 | 1590 | 83 | 15 | 11-110/46 |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | ND | | 2100 | 2390 | 114 | 1970 | 102 | 19 | 23-132/43 |
| 78-59-1 | Isophorone | ND | | 2100 | 4530 | 215* a | 4190 | 218* a | 8 | 22-105/41 |
| 91-57-6 | 2-Methylnaphthalene | 16900 b | | 2100 | 22300 | 81 | 21700 | 57 | 3 | 16-108/40 |
| 88-74-4 | 2-Nitroaniline | ND | | 2100 | 4080 | 194* a | 3250 | 169* a | 23 | 23-130/39 |
| 99-09-2 | 3-Nitroaniline | ND | | 2100 | 3280 | 156* a | 2830 | 147* a | 15 | 19-116/40 |
| 100-01-6 | 4-Nitroaniline | ND | | 2100 | 3050 | 145* a | 3360 | 175* a | 10 | 18-124/42 |
| 91-20-3 | Naphthalene | 6350 b | | 2100 | 9900 | 43 | 9110 | 6* c | 8 | 13-103/41 |
| 98-95-3 | Nitrobenzene | ND | | 2100 | 4510 | 214* a | 4260 | 221* a | 6 | 14-109/41 |
| 621-64-7 | N-Nitroso-di-n-propylamine | ND | | 2100 | 2900 | 138* a | 2310 | 120* a | 23 | 11-113/41 |
| 86-30-6 | N-Nitrosodiphenylamine | ND | | 2100 | 4400 | 209* a | 3550 | 184* a | 21 | 26-119/38 |
| 85-01-8 | Phenanthrene | 1300 | | 2100 | 3700 | 114 | 3010 | 89 | 21 | 19-126/42 |
| 129-00-0 | Pyrene | 205 | | 2100 | 2290 | 99 | 1900 | 88 | 19 | 17-136/45 |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | ND | | 2100 | 2490 | 118* a | 2150 | 112* a | 15 | 22-110/41 |

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JB57522
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|-----------|----|----------|----|-----------|------------|------------------|
| OP71995-MS | M101013.D | 1 | 01/15/14 | KR | 01/14/14 | OP71995 | EM4114 |
| OP71995-MSD | M101014.D | 1 | 01/15/14 | KR | 01/14/14 | OP71995 | EM4114 |
| JB57389-20 | M101010.D | 1 | 01/15/14 | KR | 01/14/14 | OP71995 | EM4114 |
| JB57389-20 | M101015.D | 20 | 01/15/14 | KR | 01/14/14 | OP71995 | EM4114 |

The QC reported here applies to the following samples:

Method: SW846 8270D

JB57522-1, JB57522-2, JB57522-3, JB57522-4

| CAS No. | Surrogate Recoveries | MS | MSD | JB57389-20 | JB57389-20 | Limits |
|-----------|----------------------|---------|---------|------------|------------|---------|
| 367-12-4 | 2-Fluorophenol | 51% | 50% | 42% | 88% | 13-110% |
| 4165-62-2 | Phenol-d5 | 108% | 96% | 79% | 98% | 15-110% |
| 118-79-6 | 2,4,6-Tribromophenol | 153%* a | 142%* a | 119% | 91% | 20-123% |
| 4165-60-0 | Nitrobenzene-d5 | 321%* a | 317%* a | 458%* a | 190%* a | 10-110% |
| 321-60-8 | 2-Fluorobiphenyl | 109% | 102% | 90% | 84% | 17-110% |
| 1718-51-0 | Terphenyl-d14 | 107% | 94% | 88% | 83% | 30-124% |

- (a) Outside control limits due to matrix interference.
- (b) Result is from Run #2.
- (c) Outside control limits due to high level in sample relative to spike amount.

* = Outside of Control Limits.

7.3.1
7

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JB57522
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|----------|----|----------|----|-----------|------------|------------------|
| OP72024-MS | Z88129.D | 1 | 01/16/14 | EP | 01/15/14 | OP72024 | EZ4399 |
| OP72024-MSD | Z88130.D | 1 | 01/16/14 | EP | 01/15/14 | OP72024 | EZ4399 |
| JB57675-20 | Z88121.D | 1 | 01/16/14 | EP | 01/15/14 | OP72024 | EZ4399 |

The QC reported here applies to the following samples:

Method: SW846 8270D

JB57666-1, JB57666-2

| CAS No. | Compound | JB57675-20 ug/kg | Spike Q | ug/kg | MS ug/kg | MS % | MSD ug/kg | MSD % | RPD | Limits Rec/RPD |
|-----------|----------------------------|---------------------|------------|-------|-------------|---------|--------------|----------|-----|-------------------|
| 95-57-8 | 2-Chlorophenol | ND | | 1680 | 978 | 58 | 945 | 57 | 3 | 16-104/44 |
| 59-50-7 | 4-Chloro-3-methyl phenol | ND | | 1680 | 972 | 58 | 951 | 57 | 2 | 25-118/41 |
| 120-83-2 | 2,4-Dichlorophenol | ND | | 1680 | 1040 | 62 | 1010 | 61 | 3 | 20-111/42 |
| 105-67-9 | 2,4-Dimethylphenol | ND | | 1680 | 1110 | 66 | 1110 | 67 | 0 | 21-124/40 |
| 51-28-5 | 2,4-Dinitrophenol | ND | | 3350 | 314 | 9* a | 300 | 9* a | 5 | 10-110/54 |
| 534-52-1 | 4,6-Dinitro-o-cresol | ND | | 1680 | 87.8 | 5* a | 64.2 | 4* a | 31 | 10-111/55 |
| 95-48-7 | 2-Methylphenol | ND | | 1680 | 943 | 56 | 953 | 57 | 1 | 19-105/42 |
| | 3&4-Methylphenol | ND | | 1680 | 953 | 57 | 916 | 55 | 4 | 17-108/43 |
| 88-75-5 | 2-Nitrophenol | ND | | 1680 | 942 | 56 | 792 | 48 | 17 | 11-103/44 |
| 100-02-7 | 4-Nitrophenol | ND | | 1680 | 957 | 57 | 1030 | 62 | 7 | 10-141/48 |
| 87-86-5 | Pentachlorophenol | ND | | 1680 | 896 | 53 | 900 | 54 | 0 | 10-114/47 |
| 108-95-2 | Phenol | ND | | 1680 | 906 | 54 | 863 | 52 | 5 | 16-105/42 |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | ND | | 1680 | 1010 | 60 | 1040 | 62 | 3 | 20-116/42 |
| 95-95-4 | 2,4,5-Trichlorophenol | ND | | 1680 | 920 | 55 | 926 | 56 | 1 | 24-116/42 |
| 88-06-2 | 2,4,6-Trichlorophenol | ND | | 1680 | 1050 | 63 | 1040 | 62 | 1 | 21-117/40 |
| 83-32-9 | Acenaphthene | ND | | 1680 | 936 | 56 | 898 | 54 | 4 | 25-106/38 |
| 208-96-8 | Acenaphthylene | ND | | 1680 | 794 | 47 | 777 | 47 | 2 | 21-110/39 |
| 98-86-2 | Acetophenone | ND | | 1680 | 938 | 56 | 912 | 55 | 3 | 13-117/43 |
| 120-12-7 | Anthracene | 101 | J | 1680 | 953 | 51 | 914 | 49 | 4 | 27-123/40 |
| 1912-24-9 | Atrazine | ND | | 1680 | 1270 | 76 | 1230 | 74 | 3 | 31-147/39 |
| 56-55-3 | Benzo(a)anthracene | 1110 | | 1680 | 1660 | 33 | 1390 | 17* a | 18 | 22-127/44 |
| 50-32-8 | Benzo(a)pyrene | 1390 | | 1680 | 1700 | 18* a | 1470 | 5* a | 15 | 22-132/42 |
| 205-99-2 | Benzo(b)fluoranthene | 1690 | | 1680 | 1860 | 10* a | 1600 | -5* a | 15 | 17-141/45 |
| 191-24-2 | Benzo(g,h,i)perylene | 890 | | 1680 | 1340 | 27 | 1240 | 21* a | 8 | 23-129/42 |
| 207-08-9 | Benzo(k)fluoranthene | 528 | | 1680 | 1220 | 41 | 1030 | 30 | 17 | 20-124/44 |
| 101-55-3 | 4-Bromophenyl phenyl ether | ND | | 1680 | 1010 | 60 | 987 | 59 | 2 | 30-116/38 |
| 85-68-7 | Butyl benzyl phthalate | ND | | 1680 | 1020 | 61 | 997 | 60 | 2 | 26-134/40 |
| 92-52-4 | 1,1'-Biphenyl | ND | | 1680 | 913 | 54 | 874 | 52 | 4 | 22-114/41 |
| 100-52-7 | Benzaldehyde | ND | | 1680 | 1210 | 72 | 1130 | 68 | 7 | 10-115/42 |
| 91-58-7 | 2-Chloronaphthalene | ND | | 1680 | 1020 | 61 | 980 | 59 | 4 | 24-101/40 |
| 106-47-8 | 4-Chloroaniline | ND | | 1680 | 511 | 30 | 490 | 29 | 4 | 15-110/44 |
| 86-74-8 | Carbazole | ND | | 1680 | 1010 | 60 | 984 | 59 | 3 | 27-123/38 |
| 105-60-2 | Caprolactam | ND | | 1680 | 988 | 59 | 987 | 59 | 0 | 10-141/42 |
| 218-01-9 | Chrysene | 1320 | | 1680 | 1760 | 26 | 1470 | 9* a | 18 | 21-131/42 |
| 111-91-1 | bis(2-Chloroethoxy)methane | ND | | 1680 | 1150 | 69 | 1090 | 65 | 5 | 21-108/40 |
| 111-44-4 | bis(2-Chloroethyl)ether | ND | | 1680 | 1120 | 67 | 1070 | 64 | 5 | 13-104/44 |

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JB57522
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|----------|----|----------|----|-----------|------------|------------------|
| OP72024-MS | Z88129.D | 1 | 01/16/14 | EP | 01/15/14 | OP72024 | EZ4399 |
| OP72024-MSD | Z88130.D | 1 | 01/16/14 | EP | 01/15/14 | OP72024 | EZ4399 |
| JB57675-20 | Z88121.D | 1 | 01/16/14 | EP | 01/15/14 | OP72024 | EZ4399 |

The QC reported here applies to the following samples:

Method: SW846 8270D

JB57666-1, JB57666-2

| CAS No. | Compound | JB57675-20 ug/kg | Spike Q | ug/kg | MS ug/kg | MS % | MSD ug/kg | MSD % | RPD | Limits Rec/RPD |
|-----------|-----------------------------|---------------------|------------|-------|-------------|---------|--------------|----------|-----|-------------------|
| 108-60-1 | bis(2-Chloroisopropyl)ether | ND | | 1680 | 1050 | 63 | 1000 | 60 | 5 | 13-110/42 |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | ND | | 1680 | 1070 | 64 | 1050 | 63 | 2 | 27-111/38 |
| 121-14-2 | 2,4-Dinitrotoluene | ND | | 1680 | 979 | 58 | 875 | 53 | 11 | 20-124/40 |
| 606-20-2 | 2,6-Dinitrotoluene | ND | | 1680 | 1020 | 61 | 952 | 57 | 7 | 24-122/38 |
| 91-94-1 | 3,3'-Dichlorobenzidine | ND | | 3350 | 1700 | 51 | 1540 | 46 | 10 | 10-121/45 |
| 123-91-1 | 1,4-Dioxane | ND | | 1680 | 708 | 42 | 620 | 37 | 13 | 10-110/48 |
| 53-70-3 | Dibenzo(a,h)anthracene | 254 | | 1680 | 1110 | 51 | 1040 | 47 | 7 | 26-129/42 |
| 132-64-9 | Dibenzofuran | ND | | 1680 | 955 | 57 | 917 | 55 | 4 | 21-114/39 |
| 84-74-2 | Di-n-butyl phthalate | ND | | 1680 | 990 | 59 | 962 | 58 | 3 | 29-127/39 |
| 117-84-0 | Di-n-octyl phthalate | ND | | 1680 | 1000 | 60 | 940 | 56 | 6 | 25-140/43 |
| 84-66-2 | Diethyl phthalate | ND | | 1680 | 967 | 58 | 936 | 56 | 3 | 32-115/37 |
| 131-11-3 | Dimethyl phthalate | ND | | 1680 | 1040 | 62 | 1000 | 60 | 4 | 29-115/37 |
| 117-81-7 | bis(2-Ethylhexyl)phthalate | ND | | 1680 | 1050 | 63 | 1040 | 62 | 1 | 26-140/43 |
| 206-44-0 | Fluoranthene | 2200 | | 1680 | 2460 | 16 | 1940 | -16* a | 24 | 16-134/44 |
| 86-73-7 | Fluorene | ND | | 1680 | 954 | 57 | 918 | 55 | 4 | 24-116/39 |
| 118-74-1 | Hexachlorobenzene | ND | | 1680 | 807 | 48 | 843 | 51 | 4 | 24-118/41 |
| 87-68-3 | Hexachlorobutadiene | ND | | 1680 | 1110 | 66 | 1080 | 65 | 3 | 15-110/42 |
| 77-47-4 | Hexachlorocyclopentadiene | ND | | 3350 | 372 | 11 | 332 | 10 | 11 | 10-110/52 |
| 67-72-1 | Hexachloroethane | ND | | 1680 | 775 | 46 | 675 | 41 | 14 | 11-110/46 |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 800 | | 1680 | 1320 | 31 | 1170 | 22* a | 12 | 23-132/43 |
| 78-59-1 | Isophorone | ND | | 1680 | 1130 | 67 | 1080 | 65 | 5 | 22-105/41 |
| 91-57-6 | 2-Methylnaphthalene | ND | | 1680 | 925 | 55 | 904 | 54 | 2 | 16-108/40 |
| 88-74-4 | 2-Nitroaniline | ND | | 1680 | 951 | 57 | 953 | 57 | 0 | 23-130/39 |
| 99-09-2 | 3-Nitroaniline | ND | | 1680 | 831 | 50 | 809 | 49 | 3 | 19-116/40 |
| 100-01-6 | 4-Nitroaniline | ND | | 1680 | 890 | 53 | 815 | 49 | 9 | 18-124/42 |
| 91-20-3 | Naphthalene | ND | | 1680 | 938 | 56 | 905 | 54 | 4 | 13-103/41 |
| 98-95-3 | Nitrobenzene | ND | | 1680 | 1120 | 67 | 1100 | 66 | 2 | 14-109/41 |
| 621-64-7 | N-Nitroso-di-n-propylamine | ND | | 1680 | 1010 | 60 | 952 | 57 | 6 | 11-113/41 |
| 86-30-6 | N-Nitrosodiphenylamine | ND | | 1680 | 936 | 56 | 914 | 55 | 2 | 26-119/38 |
| 85-01-8 | Phenanthrene | 412 | | 1680 | 1160 | 45 | 1050 | 38 | 10 | 19-126/42 |
| 129-00-0 | Pyrene | 1910 | | 1680 | 2130 | 13* a | 1700 | -13* a | 22 | 17-136/45 |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | ND | | 1680 | 1170 | 70 | 1130 | 68 | 3 | 22-110/41 |

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JB57522
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|----------|----|----------|----|-----------|------------|------------------|
| OP72024-MS | Z88129.D | 1 | 01/16/14 | EP | 01/15/14 | OP72024 | EZ4399 |
| OP72024-MSD | Z88130.D | 1 | 01/16/14 | EP | 01/15/14 | OP72024 | EZ4399 |
| JB57675-20 | Z88121.D | 1 | 01/16/14 | EP | 01/15/14 | OP72024 | EZ4399 |

The QC reported here applies to the following samples:

Method: SW846 8270D

JB57666-1, JB57666-2

| CAS No. | Surrogate Recoveries | MS | MSD | JB57675-20 | Limits |
|-----------|----------------------|-----|-----|------------|---------|
| 367-12-4 | 2-Fluorophenol | 76% | 69% | | 13-110% |
| 4165-62-2 | Phenol-d5 | 67% | 61% | | 15-110% |
| 118-79-6 | 2,4,6-Tribromophenol | 64% | 60% | | 20-123% |
| 4165-60-0 | Nitrobenzene-d5 | 68% | 62% | 85% | 10-110% |
| 321-60-8 | 2-Fluorobiphenyl | 63% | 57% | 85% | 17-110% |
| 1718-51-0 | Terphenyl-d14 | 64% | 61% | 90% | 30-124% |

(a) Outside control limits due to matrix interference.

* = Outside of Control Limits.

7.3.2
7

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JB57522
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|----------|----|----------|-----|-----------|------------|------------------|
| OP72054-MS | Z88153.D | 1 | 01/17/14 | ALS | 01/16/14 | OP72054 | EZ4400 |
| OP72054-MSD | Z88154.D | 1 | 01/17/14 | ALS | 01/16/14 | OP72054 | EZ4400 |
| JB57808-9 | Z88152.D | 1 | 01/17/14 | ALS | 01/16/14 | OP72054 | EZ4400 |

The QC reported here applies to the following samples:

Method: SW846 8270D

JB57834-1, JB57834-2, JB57834-3, JB57834-4, JB57834-5

| CAS No. | Compound | JB57808-9 ug/kg | Spike Q | ug/kg | MS ug/kg | MS % | MSD ug/kg | MSD % | RPD | Limits Rec/RPD |
|-----------|----------------------------|--------------------|------------|-------|-------------|---------|--------------|----------|-----|-------------------|
| 95-57-8 | 2-Chlorophenol | ND | | 1580 | 1040 | 66 | 1030 | 62 | 1 | 16-104/44 |
| 59-50-7 | 4-Chloro-3-methyl phenol | ND | | 1580 | 1250 | 79 | 1000 | 60 | 22 | 25-118/41 |
| 120-83-2 | 2,4-Dichlorophenol | ND | | 1580 | 1240 | 78 | 1100 | 66 | 12 | 20-111/42 |
| 105-67-9 | 2,4-Dimethylphenol | ND | | 1580 | 1260 | 80 | 1140 | 69 | 10 | 21-124/40 |
| 51-28-5 | 2,4-Dinitrophenol | ND | | 3160 | 1670 | 53 | 1400 | 42 | 18 | 10-110/54 |
| 534-52-1 | 4,6-Dinitro-o-cresol | ND | | 1580 | 765 | 48 | 580 | 35 | 28 | 10-111/55 |
| 95-48-7 | 2-Methylphenol | ND | | 1580 | 1080 | 68 | 1010 | 61 | 7 | 19-105/42 |
| | 3&4-Methylphenol | ND | | 1580 | 1070 | 68 | 957 | 58 | 11 | 17-108/43 |
| 88-75-5 | 2-Nitrophenol | ND | | 1580 | 1070 | 68 | 1100 | 66 | 3 | 11-103/44 |
| 100-02-7 | 4-Nitrophenol | ND | | 1580 | 1300 | 82 | 1010 | 61 | 25 | 10-141/48 |
| 87-86-5 | Pentachlorophenol | ND | | 1580 | 1540 | 97 | 1240 | 75 | 22 | 10-114/47 |
| 108-95-2 | Phenol | ND | | 1580 | 992 | 63 | 932 | 56 | 6 | 16-105/42 |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | ND | | 1580 | 1430 | 91 | 1120 | 67 | 24 | 20-116/42 |
| 95-95-4 | 2,4,5-Trichlorophenol | ND | | 1580 | 1380 | 87 | 1110 | 67 | 22 | 24-116/42 |
| 88-06-2 | 2,4,6-Trichlorophenol | ND | | 1580 | 1390 | 88 | 1170 | 70 | 17 | 21-117/40 |
| 83-32-9 | Acenaphthene | ND | | 1580 | 1220 | 77 | 1020 | 61 | 18 | 25-106/38 |
| 208-96-8 | Acenaphthylene | ND | | 1580 | 1000 | 63 | 865 | 52 | 14 | 21-110/39 |
| 98-86-2 | Acetophenone | ND | | 1580 | 987 | 62 | 938 | 57 | 5 | 13-117/43 |
| 120-12-7 | Anthracene | ND | | 1580 | 1230 | 78 | 981 | 59 | 23 | 27-123/40 |
| 1912-24-9 | Atrazine | ND | | 1580 | 1720 | 109 | 1380 | 83 | 22 | 31-147/39 |
| 56-55-3 | Benzo(a)anthracene | ND | | 1580 | 1380 | 87 | 1040 | 63 | 28 | 22-127/44 |
| 50-32-8 | Benzo(a)pyrene | ND | | 1580 | 1350 | 85 | 1050 | 63 | 25 | 22-132/42 |
| 205-99-2 | Benzo(b)fluoranthene | ND | | 1580 | 1340 | 85 | 1010 | 61 | 28 | 17-141/45 |
| 191-24-2 | Benzo(g,h,i)perylene | ND | | 1580 | 1400 | 89 | 1100 | 66 | 24 | 23-129/42 |
| 207-08-9 | Benzo(k)fluoranthene | ND | | 1580 | 1180 | 75 | 948 | 57 | 22 | 20-124/44 |
| 101-55-3 | 4-Bromophenyl phenyl ether | ND | | 1580 | 1400 | 89 | 1130 | 68 | 21 | 30-116/38 |
| 85-68-7 | Butyl benzyl phthalate | ND | | 1580 | 1410 | 89 | 1070 | 64 | 27 | 26-134/40 |
| 92-52-4 | 1,1'-Biphenyl | ND | | 1580 | 1120 | 71 | 1010 | 61 | 10 | 22-114/41 |
| 100-52-7 | Benzaldehyde | ND | | 1580 | 1170 | 74 | 1170 | 70 | 0 | 10-115/42 |
| 91-58-7 | 2-Chloronaphthalene | ND | | 1580 | 1250 | 79 | 1140 | 69 | 9 | 24-101/40 |
| 106-47-8 | 4-Chloroaniline | ND | | 1580 | 784 | 50 | 804 | 48 | 3 | 15-110/44 |
| 86-74-8 | Carbazole | ND | | 1580 | 1370 | 87 | 1070 | 64 | 25 | 27-123/38 |
| 105-60-2 | Caprolactam | ND | | 1580 | 1310 | 83 | 993 | 60 | 28 | 10-141/42 |
| 218-01-9 | Chrysene | ND | | 1580 | 1340 | 85 | 1020 | 61 | 27 | 21-131/42 |
| 111-91-1 | bis(2-Chloroethoxy)methane | ND | | 1580 | 1160 | 73 | 1120 | 67 | 4 | 21-108/40 |
| 111-44-4 | bis(2-Chloroethyl)ether | ND | | 1580 | 1140 | 72 | 1090 | 66 | 4 | 13-104/44 |

* = Outside of Control Limits.

7.3.3
 7

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JB57522
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|----------|----|----------|-----|-----------|------------|------------------|
| OP72054-MS | Z88153.D | 1 | 01/17/14 | ALS | 01/16/14 | OP72054 | EZ4400 |
| OP72054-MSD | Z88154.D | 1 | 01/17/14 | ALS | 01/16/14 | OP72054 | EZ4400 |
| JB57808-9 | Z88152.D | 1 | 01/17/14 | ALS | 01/16/14 | OP72054 | EZ4400 |

The QC reported here applies to the following samples:

Method: SW846 8270D

JB57834-1, JB57834-2, JB57834-3, JB57834-4, JB57834-5

| CAS No. | Compound | JB57808-9 ug/kg | Spike Q | ug/kg | MS ug/kg | MS % | MSD ug/kg | MSD % | RPD | Limits Rec/RPD |
|-----------|-----------------------------|--------------------|------------|-------|-------------|---------|--------------|----------|-----|-------------------|
| 108-60-1 | bis(2-Chloroisopropyl)ether | ND | | 1580 | 1060 | 67 | 1040 | 63 | 2 | 13-110/42 |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | ND | | 1580 | 1370 | 87 | 1140 | 69 | 18 | 27-111/38 |
| 121-14-2 | 2,4-Dinitrotoluene | ND | | 1580 | 1470 | 93 | 1150 | 69 | 24 | 20-124/40 |
| 606-20-2 | 2,6-Dinitrotoluene | ND | | 1580 | 1460 | 92 | 1160 | 70 | 23 | 24-122/38 |
| 91-94-1 | 3,3'-Dichlorobenzidine | ND | | 3160 | 3000 | 95 | 2480 | 75 | 19 | 10-121/45 |
| 123-91-1 | 1,4-Dioxane | ND | | 1580 | 743 | 47 | 768 | 46 | 3 | 10-110/48 |
| 53-70-3 | Dibenzo(a,h)anthracene | ND | | 1580 | 1470 | 93 | 1150 | 69 | 24 | 26-129/42 |
| 132-64-9 | Dibenzofuran | ND | | 1580 | 1230 | 78 | 1030 | 62 | 18 | 21-114/39 |
| 84-74-2 | Di-n-butyl phthalate | ND | | 1580 | 1320 | 84 | 1040 | 63 | 24 | 29-127/39 |
| 117-84-0 | Di-n-octyl phthalate | ND | | 1580 | 1380 | 87 | 1050 | 63 | 27 | 25-140/43 |
| 84-66-2 | Diethyl phthalate | ND | | 1580 | 1250 | 79 | 989 | 60 | 23 | 32-115/37 |
| 131-11-3 | Dimethyl phthalate | ND | | 1580 | 1320 | 84 | 1090 | 66 | 19 | 29-115/37 |
| 117-81-7 | bis(2-Ethylhexyl)phthalate | ND | | 1580 | 1440 | 91 | 1120 | 67 | 25 | 26-140/43 |
| 206-44-0 | Fluoranthene | ND | | 1580 | 1330 | 84 | 1030 | 62 | 25 | 16-134/44 |
| 86-73-7 | Fluorene | ND | | 1580 | 1230 | 78 | 1020 | 61 | 19 | 24-116/39 |
| 118-74-1 | Hexachlorobenzene | ND | | 1580 | 1390 | 88 | 1120 | 67 | 22 | 24-118/41 |
| 87-68-3 | Hexachlorobutadiene | ND | | 1580 | 1200 | 76 | 1150 | 69 | 4 | 15-110/42 |
| 77-47-4 | Hexachlorocyclopentadiene | ND | | 3160 | 1180 | 37 | 1240 | 37 | 5 | 10-110/52 |
| 67-72-1 | Hexachloroethane | ND | | 1580 | 1160 | 73 | 1130 | 68 | 3 | 11-110/46 |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | ND | | 1580 | 1380 | 87 | 1070 | 64 | 25 | 23-132/43 |
| 78-59-1 | Isophorone | ND | | 1580 | 1190 | 75 | 1120 | 67 | 6 | 22-105/41 |
| 91-57-6 | 2-Methylnaphthalene | ND | | 1580 | 1050 | 66 | 969 | 58 | 8 | 16-108/40 |
| 88-74-4 | 2-Nitroaniline | ND | | 1580 | 1300 | 82 | 1040 | 63 | 22 | 23-130/39 |
| 99-09-2 | 3-Nitroaniline | ND | | 1580 | 1100 | 70 | 952 | 57 | 14 | 19-116/40 |
| 100-01-6 | 4-Nitroaniline | ND | | 1580 | 1210 | 77 | 988 | 60 | 20 | 18-124/42 |
| 91-20-3 | Naphthalene | ND | | 1580 | 987 | 62 | 968 | 58 | 2 | 13-103/41 |
| 98-95-3 | Nitrobenzene | ND | | 1580 | 1170 | 74 | 1120 | 67 | 4 | 14-109/41 |
| 621-64-7 | N-Nitroso-di-n-propylamine | ND | | 1580 | 1070 | 68 | 1010 | 61 | 6 | 11-113/41 |
| 86-30-6 | N-Nitrosodiphenylamine | ND | | 1580 | 1280 | 81 | 1020 | 61 | 23 | 26-119/38 |
| 85-01-8 | Phenanthrene | ND | | 1580 | 1210 | 77 | 957 | 58 | 23 | 19-126/42 |
| 129-00-0 | Pyrene | 14.6 | J | 1580 | 1320 | 83 | 1040 | 62 | 24 | 17-136/45 |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | ND | | 1580 | 1480 | 94 | 1350 | 81 | 9 | 22-110/41 |

* = Outside of Control Limits.

7.3.3
 7

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JB57522
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|----------|----|----------|-----|-----------|------------|------------------|
| OP72054-MS | Z88153.D | 1 | 01/17/14 | ALS | 01/16/14 | OP72054 | EZ4400 |
| OP72054-MSD | Z88154.D | 1 | 01/17/14 | ALS | 01/16/14 | OP72054 | EZ4400 |
| JB57808-9 | Z88152.D | 1 | 01/17/14 | ALS | 01/16/14 | OP72054 | EZ4400 |

The QC reported here applies to the following samples:

Method: SW846 8270D

JB57834-1, JB57834-2, JB57834-3, JB57834-4, JB57834-5

| CAS No. | Surrogate Recoveries | MS | MSD | JB57808-9 | Limits |
|-----------|----------------------|-----|-----|-----------|---------|
| 367-12-4 | 2-Fluorophenol | 82% | 77% | | 13-110% |
| 4165-62-2 | Phenol-d5 | 75% | 69% | | 15-110% |
| 118-79-6 | 2,4,6-Tribromophenol | 99% | 77% | | 20-123% |
| 4165-60-0 | Nitrobenzene-d5 | 70% | 66% | 69% | 10-110% |
| 321-60-8 | 2-Fluorobiphenyl | 75% | 67% | 69% | 17-110% |
| 1718-51-0 | Terphenyl-d14 | 94% | 71% | 80% | 30-124% |

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JB57522
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|----------|----|----------|----|-----------|------------|------------------|
| OP72113-MS | P81950.D | 1 | 01/20/14 | AD | 01/20/14 | OP72113 | EP3489 |
| OP72113-MSD | P81951.D | 1 | 01/20/14 | AD | 01/20/14 | OP72113 | EP3489 |
| JB58122-2 | P81952.D | 1 | 01/20/14 | AD | 01/20/14 | OP72113 | EP3489 |

The QC reported here applies to the following samples:

Method: SW846 8270D

JB58123-3, JB58123-4, JB58123-5, JB58123-6, JB58123-7, JB58123-8

| CAS No. | Compound | JB58122-2 ug/kg | Spike Q | ug/kg | MS ug/kg | MS % | MSD ug/kg | MSD % | RPD | Limits Rec/RPD |
|-----------|----------------------------|--------------------|------------|-------|-------------|---------|--------------|----------|-----|-------------------|
| 95-57-8 | 2-Chlorophenol | ND | | 1750 | 1220 | 70 | 1120 | 63 | 9 | 16-104/44 |
| 59-50-7 | 4-Chloro-3-methyl phenol | ND | | 1750 | 1280 | 73 | 1200 | 67 | 6 | 25-118/41 |
| 120-83-2 | 2,4-Dichlorophenol | ND | | 1750 | 1370 | 78 | 1280 | 72 | 7 | 20-111/42 |
| 105-67-9 | 2,4-Dimethylphenol | ND | | 1750 | 1190 | 68 | 1180 | 66 | 1 | 21-124/40 |
| 51-28-5 | 2,4-Dinitrophenol | ND | | 3510 | 2750 | 78 | 2620 | 73 | 5 | 10-110/54 |
| 534-52-1 | 4,6-Dinitro-o-cresol | ND | | 1750 | 1330 | 76 | 1230 | 69 | 8 | 10-111/55 |
| 95-48-7 | 2-Methylphenol | ND | | 1750 | 929 | 53 | 874 | 49 | 6 | 19-105/42 |
| | 3&4-Methylphenol | ND | | 1750 | 1050 | 60 | 990 | 56 | 6 | 17-108/43 |
| 88-75-5 | 2-Nitrophenol | ND | | 1750 | 1310 | 75 | 1220 | 68 | 7 | 11-103/44 |
| 100-02-7 | 4-Nitrophenol | ND | | 1750 | 1530 | 87 | 1380 | 77 | 10 | 10-141/48 |
| 87-86-5 | Pentachlorophenol | ND | | 1750 | 1350 | 77 | 1360 | 76 | 1 | 10-114/47 |
| 108-95-2 | Phenol | ND | | 1750 | 1130 | 64 | 1070 | 60 | 5 | 16-105/42 |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | ND | | 1750 | 1370 | 78 | 1250 | 70 | 9 | 20-116/42 |
| 95-95-4 | 2,4,5-Trichlorophenol | ND | | 1750 | 1340 | 76 | 1230 | 69 | 9 | 24-116/42 |
| 88-06-2 | 2,4,6-Trichlorophenol | ND | | 1750 | 1330 | 76 | 1220 | 68 | 9 | 21-117/40 |
| 83-32-9 | Acenaphthene | ND | | 1750 | 1290 | 74 | 1180 | 66 | 9 | 25-106/38 |
| 208-96-8 | Acenaphthylene | ND | | 1750 | 1100 | 63 | 1020 | 57 | 8 | 21-110/39 |
| 98-86-2 | Acetophenone | ND | | 1750 | 1200 | 68 | 1100 | 62 | 9 | 13-117/43 |
| 120-12-7 | Anthracene | ND | | 1750 | 1280 | 73 | 1190 | 67 | 7 | 27-123/40 |
| 1912-24-9 | Atrazine | ND | | 1750 | 1670 | 95 | 1330 | 75 | 23 | 31-147/39 |
| 56-55-3 | Benzo(a)anthracene | ND | | 1750 | 1160 | 66 | 1040 | 58 | 11 | 22-127/44 |
| 50-32-8 | Benzo(a)pyrene | ND | | 1750 | 1300 | 74 | 1150 | 65 | 12 | 22-132/42 |
| 205-99-2 | Benzo(b)fluoranthene | ND | | 1750 | 1190 | 68 | 1040 | 58 | 13 | 17-141/45 |
| 191-24-2 | Benzo(g,h,i)perylene | ND | | 1750 | 1340 | 76 | 1140 | 64 | 16 | 23-129/42 |
| 207-08-9 | Benzo(k)fluoranthene | ND | | 1750 | 1280 | 73 | 1170 | 66 | 9 | 20-124/44 |
| 101-55-3 | 4-Bromophenyl phenyl ether | ND | | 1750 | 1480 | 84 | 1300 | 73 | 13 | 30-116/38 |
| 85-68-7 | Butyl benzyl phthalate | ND | | 1750 | 1380 | 79 | 1270 | 71 | 8 | 26-134/40 |
| 92-52-4 | 1,1'-Biphenyl | ND | | 1750 | 1280 | 73 | 1200 | 67 | 6 | 22-114/41 |
| 100-52-7 | Benzaldehyde | ND | | 1750 | 1340 | 76 | 1170 | 66 | 14 | 10-115/42 |
| 91-58-7 | 2-Chloronaphthalene | ND | | 1750 | 1390 | 79 | 1280 | 72 | 8 | 24-101/40 |
| 106-47-8 | 4-Chloroaniline | ND | | 1750 | 697 | 40 | 897 | 50 | 25 | 15-110/44 |
| 86-74-8 | Carbazole | ND | | 1750 | 1400 | 80 | 1280 | 72 | 9 | 27-123/38 |
| 105-60-2 | Caprolactam | ND | | 1750 | 1160 | 66 | 1050 | 59 | 10 | 10-141/42 |
| 218-01-9 | Chrysene | ND | | 1750 | 1390 | 79 | 1230 | 69 | 12 | 21-131/42 |
| 111-91-1 | bis(2-Chloroethoxy)methane | ND | | 1750 | 1250 | 71 | 1150 | 65 | 8 | 21-108/40 |
| 111-44-4 | bis(2-Chloroethyl)ether | ND | | 1750 | 1240 | 71 | 1150 | 65 | 8 | 13-104/44 |

* = Outside of Control Limits.

7.3.4
 7

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JB57522
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|----------|----|----------|----|-----------|------------|------------------|
| OP72113-MS | P81950.D | 1 | 01/20/14 | AD | 01/20/14 | OP72113 | EP3489 |
| OP72113-MSD | P81951.D | 1 | 01/20/14 | AD | 01/20/14 | OP72113 | EP3489 |
| JB58122-2 | P81952.D | 1 | 01/20/14 | AD | 01/20/14 | OP72113 | EP3489 |

The QC reported here applies to the following samples:

Method: SW846 8270D

JB58123-3, JB58123-4, JB58123-5, JB58123-6, JB58123-7, JB58123-8

| CAS No. | Compound | JB58122-2 ug/kg | Spike Q | ug/kg | MS ug/kg | MS % | MSD ug/kg | MSD % | RPD | Limits Rec/RPD |
|-----------|-----------------------------|--------------------|------------|-------|-------------|---------|--------------|----------|-----|-------------------|
| 108-60-1 | bis(2-Chloroisopropyl)ether | ND | | 1750 | 1150 | 66 | 1050 | 59 | 9 | 13-110/42 |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | ND | | 1750 | 1350 | 77 | 1240 | 70 | 8 | 27-111/38 |
| 121-14-2 | 2,4-Dinitrotoluene | ND | | 1750 | 1450 | 83 | 1330 | 75 | 9 | 20-124/40 |
| 606-20-2 | 2,6-Dinitrotoluene | ND | | 1750 | 1620 | 92 | 1470 | 82 | 10 | 24-122/38 |
| 91-94-1 | 3,3'-Dichlorobenzidine | ND | | 3510 | 2060 | 59 | 2080 | 58 | 1 | 10-121/45 |
| 123-91-1 | 1,4-Dioxane | ND | | 1750 | 916 | 52 | 875 | 49 | 5 | 10-110/48 |
| 53-70-3 | Dibenzo(a,h)anthracene | ND | | 1750 | 1330 | 76 | 1170 | 66 | 13 | 26-129/42 |
| 132-64-9 | Dibenzofuran | ND | | 1750 | 1240 | 71 | 1160 | 65 | 7 | 21-114/39 |
| 84-74-2 | Di-n-butyl phthalate | ND | | 1750 | 1320 | 75 | 1130 | 63 | 16 | 29-127/39 |
| 117-84-0 | Di-n-octyl phthalate | ND | | 1750 | 1340 | 76 | 1230 | 69 | 9 | 25-140/43 |
| 84-66-2 | Diethyl phthalate | ND | | 1750 | 1380 | 79 | 1250 | 70 | 10 | 32-115/37 |
| 131-11-3 | Dimethyl phthalate | ND | | 1750 | 1380 | 79 | 1260 | 71 | 9 | 29-115/37 |
| 117-81-7 | bis(2-Ethylhexyl)phthalate | ND | | 1750 | 1500 | 85 | 1350 | 76 | 11 | 26-140/43 |
| 206-44-0 | Fluoranthene | ND | | 1750 | 1310 | 75 | 1230 | 69 | 6 | 16-134/44 |
| 86-73-7 | Fluorene | ND | | 1750 | 1260 | 72 | 1160 | 65 | 8 | 24-116/39 |
| 118-74-1 | Hexachlorobenzene | ND | | 1750 | 1560 | 89 | 1400 | 79 | 11 | 24-118/41 |
| 87-68-3 | Hexachlorobutadiene | ND | | 1750 | 1620 | 92 | 1470 | 82 | 10 | 15-110/42 |
| 77-47-4 | Hexachlorocyclopentadiene | ND | | 3510 | 3050 | 87 | 2870 | 81 | 6 | 10-110/52 |
| 67-72-1 | Hexachloroethane | ND | | 1750 | 1500 | 85 | 1360 | 76 | 10 | 11-110/46 |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | ND | | 1750 | 1240 | 71 | 1090 | 61 | 13 | 23-132/43 |
| 78-59-1 | Isophorone | ND | | 1750 | 1290 | 74 | 1220 | 68 | 6 | 22-105/41 |
| 91-57-6 | 2-Methylnaphthalene | ND | | 1750 | 1160 | 66 | 1080 | 61 | 7 | 16-108/40 |
| 88-74-4 | 2-Nitroaniline | ND | | 1750 | 1280 | 73 | 1240 | 70 | 3 | 23-130/39 |
| 99-09-2 | 3-Nitroaniline | ND | | 1750 | 886 | 50 | 960 | 54 | 8 | 19-116/40 |
| 100-01-6 | 4-Nitroaniline | ND | | 1750 | 1200 | 68 | 1090 | 61 | 10 | 18-124/42 |
| 91-20-3 | Naphthalene | ND | | 1750 | 1170 | 67 | 1090 | 61 | 7 | 13-103/41 |
| 98-95-3 | Nitrobenzene | ND | | 1750 | 1340 | 76 | 1230 | 69 | 9 | 14-109/41 |
| 621-64-7 | N-Nitroso-di-n-propylamine | ND | | 1750 | 1200 | 68 | 1090 | 61 | 10 | 11-113/41 |
| 86-30-6 | N-Nitrosodiphenylamine | ND | | 1750 | 1290 | 74 | 1170 | 66 | 10 | 26-119/38 |
| 85-01-8 | Phenanthrene | ND | | 1750 | 1250 | 71 | 1130 | 63 | 10 | 19-126/42 |
| 129-00-0 | Pyrene | ND | | 1750 | 1260 | 72 | 1120 | 63 | 12 | 17-136/45 |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | ND | | 1750 | 1330 | 76 | 1240 | 70 | 7 | 22-110/41 |

* = Outside of Control Limits.

7.3.4
 7

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JB57522
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|----------|----|----------|----|-----------|------------|------------------|
| OP72113-MS | P81950.D | 1 | 01/20/14 | AD | 01/20/14 | OP72113 | EP3489 |
| OP72113-MSD | P81951.D | 1 | 01/20/14 | AD | 01/20/14 | OP72113 | EP3489 |
| JB58122-2 | P81952.D | 1 | 01/20/14 | AD | 01/20/14 | OP72113 | EP3489 |

The QC reported here applies to the following samples:

Method: SW846 8270D

JB58123-3, JB58123-4, JB58123-5, JB58123-6, JB58123-7, JB58123-8

| CAS No. | Surrogate Recoveries | MS | MSD | JB58122-2 | Limits |
|-----------|----------------------|------|-----|-----------|---------|
| 367-12-4 | 2-Fluorophenol | 78% | 69% | 68% | 13-110% |
| 4165-62-2 | Phenol-d5 | 70% | 65% | 66% | 15-110% |
| 118-79-6 | 2,4,6-Tribromophenol | 105% | 92% | 98% | 20-123% |
| 4165-60-0 | Nitrobenzene-d5 | 76% | 68% | 63% | 10-110% |
| 321-60-8 | 2-Fluorobiphenyl | 80% | 72% | 69% | 17-110% |
| 1718-51-0 | Terphenyl-d14 | 95% | 91% | 86% | 30-124% |

* = Outside of Control Limits.

7.3.4
 7

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JB57522
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|-----------|----|----------|----|-----------|------------|------------------|
| OP72149-MS | 3P28723.D | 1 | 01/22/14 | CH | 01/21/14 | OP72149 | E3P1215 |
| OP72149-MSD | 3P28724.D | 1 | 01/22/14 | CH | 01/21/14 | OP72149 | E3P1215 |
| JB58216-1 | 3P28711.D | 1 | 01/22/14 | CH | 01/21/14 | OP72149 | E3P1215 |

The QC reported here applies to the following samples:

Method: SW846 8270D

JB58216-1, JB58216-2, JB58216-3, JB58216-4

| CAS No. | Compound | JB58216-1 ug/kg | Spike Q | ug/kg | MS ug/kg | MS % | MSD ug/kg | MSD % | RPD | Limits Rec/RPD |
|-----------|----------------------------|--------------------|------------|-------|-------------|---------|--------------|----------|-----|-------------------|
| 95-57-8 | 2-Chlorophenol | ND | | 1720 | 1230 | 71 | 1220 | 72 | 1 | 16-104/44 |
| 59-50-7 | 4-Chloro-3-methyl phenol | ND | | 1720 | 1220 | 71 | 1130 | 67 | 8 | 25-118/41 |
| 120-83-2 | 2,4-Dichlorophenol | ND | | 1720 | 1260 | 73 | 1190 | 70 | 6 | 20-111/42 |
| 105-67-9 | 2,4-Dimethylphenol | ND | | 1720 | 1100 | 64 | 976 | 58 | 12 | 21-124/40 |
| 51-28-5 | 2,4-Dinitrophenol | ND | | 3450 | 575 | 17 | 555 | 16 | 4 | 10-110/54 |
| 534-52-1 | 4,6-Dinitro-o-cresol | ND | | 1720 | 241 | 14 | 194 | 11 | 22 | 10-111/55 |
| 95-48-7 | 2-Methylphenol | ND | | 1720 | 1130 | 66 | 1110 | 65 | 2 | 19-105/42 |
| | 3&4-Methylphenol | ND | | 1720 | 1140 | 66 | 1120 | 66 | 2 | 17-108/43 |
| 88-75-5 | 2-Nitrophenol | ND | | 1720 | 1030 | 60 | 966 | 57 | 6 | 11-103/44 |
| 100-02-7 | 4-Nitrophenol | ND | | 1720 | ND | 0* a | ND | 0* a | nc | 10-141/48 |
| 87-86-5 | Pentachlorophenol | ND | | 1720 | 290 | 17 | 195 | 11 | 39 | 10-114/47 |
| 108-95-2 | Phenol | ND | | 1720 | 1070 | 62 | 1070 | 63 | 0 | 16-105/42 |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | ND | | 1720 | 1030 | 60 | 901 | 53 | 13 | 20-116/42 |
| 95-95-4 | 2,4,5-Trichlorophenol | ND | | 1720 | 1090 | 63 | 992 | 58 | 9 | 24-116/42 |
| 88-06-2 | 2,4,6-Trichlorophenol | ND | | 1720 | 1180 | 68 | 1090 | 64 | 8 | 21-117/40 |
| 83-32-9 | Acenaphthene | ND | | 1720 | 1180 | 68 | 1090 | 64 | 8 | 25-106/38 |
| 208-96-8 | Acenaphthylene | ND | | 1720 | 969 | 56 | 911 | 54 | 6 | 21-110/39 |
| 98-86-2 | Acetophenone | ND | | 1720 | 1270 | 74 | 1240 | 73 | 2 | 13-117/43 |
| 120-12-7 | Anthracene | ND | | 1720 | 1130 | 66 | 1010 | 60 | 11 | 27-123/40 |
| 1912-24-9 | Atrazine | ND | | 1720 | 1650 | 96 | 1500 | 88 | 10 | 31-147/39 |
| 56-55-3 | Benzo(a)anthracene | ND | | 1720 | 1120 | 65 | 990 | 58 | 12 | 22-127/44 |
| 50-32-8 | Benzo(a)pyrene | ND | | 1720 | 1190 | 69 | 1060 | 63 | 12 | 22-132/42 |
| 205-99-2 | Benzo(b)fluoranthene | ND | | 1720 | 1240 | 72 | 1100 | 65 | 12 | 17-141/45 |
| 191-24-2 | Benzo(g,h,i)perylene | ND | | 1720 | 896 | 52 | 799 | 47 | 11 | 23-129/42 |
| 207-08-9 | Benzo(k)fluoranthene | ND | | 1720 | 1210 | 70 | 1080 | 64 | 11 | 20-124/44 |
| 101-55-3 | 4-Bromophenyl phenyl ether | ND | | 1720 | 1240 | 72 | 1070 | 63 | 15 | 30-116/38 |
| 85-68-7 | Butyl benzyl phthalate | ND | | 1720 | 1220 | 71 | 1040 | 61 | 16 | 26-134/40 |
| 92-52-4 | 1,1'-Biphenyl | ND | | 1720 | 1150 | 67 | 1100 | 65 | 4 | 22-114/41 |
| 100-52-7 | Benzaldehyde | ND | | 1720 | 1540 | 89 | 1480 | 87 | 4 | 10-115/42 |
| 91-58-7 | 2-Chloronaphthalene | ND | | 1720 | 1310 | 76 | 1240 | 73 | 5 | 24-101/40 |
| 106-47-8 | 4-Chloroaniline | ND | | 1720 | 541 | 31 | 461 | 27 | 16 | 15-110/44 |
| 86-74-8 | Carbazole | ND | | 1720 | 1320 | 77 | 1210 | 71 | 9 | 27-123/38 |
| 105-60-2 | Caprolactam | ND | | 1720 | 1280 | 74 | 1120 | 66 | 13 | 10-141/42 |
| 218-01-9 | Chrysene | ND | | 1720 | 1130 | 66 | 1030 | 61 | 9 | 21-131/42 |
| 111-91-1 | bis(2-Chloroethoxy)methane | ND | | 1720 | 1300 | 75 | 1170 | 69 | 11 | 21-108/40 |
| 111-44-4 | bis(2-Chloroethyl)ether | ND | | 1720 | 1380 | 80 | 1220 | 72 | 12 | 13-104/44 |

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JB57522
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|-----------|----|----------|----|-----------|------------|------------------|
| OP72149-MS | 3P28723.D | 1 | 01/22/14 | CH | 01/21/14 | OP72149 | E3P1215 |
| OP72149-MSD | 3P28724.D | 1 | 01/22/14 | CH | 01/21/14 | OP72149 | E3P1215 |
| JB58216-1 | 3P28711.D | 1 | 01/22/14 | CH | 01/21/14 | OP72149 | E3P1215 |

The QC reported here applies to the following samples:

Method: SW846 8270D

JB58216-1, JB58216-2, JB58216-3, JB58216-4

| CAS No. | Compound | JB58216-1 ug/kg | Spike Q | ug/kg | MS ug/kg | MS % | MSD ug/kg | MSD % | RPD | Limits Rec/RPD |
|-----------|-----------------------------|--------------------|------------|-------|-------------|---------|--------------|----------|-----|-------------------|
| 108-60-1 | bis(2-Chloroisopropyl)ether | ND | | 1720 | 1070 | 62 | 1020 | 60 | 5 | 13-110/42 |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | ND | | 1720 | 1380 | 80 | 1270 | 75 | 8 | 27-111/38 |
| 121-14-2 | 2,4-Dinitrotoluene | ND | | 1720 | 1380 | 80 | 1260 | 74 | 9 | 20-124/40 |
| 606-20-2 | 2,6-Dinitrotoluene | ND | | 1720 | 1330 | 77 | 1220 | 72 | 9 | 24-122/38 |
| 91-94-1 | 3,3'-Dichlorobenzidine | ND | | 3450 | 1550 | 45 | 1300 | 38 | 18 | 10-121/45 |
| 123-91-1 | 1,4-Dioxane | ND | | 1720 | 553 | 32 | 513 | 30 | 8 | 10-110/48 |
| 53-70-3 | Dibenzo(a,h)anthracene | ND | | 1720 | 960 | 56 | 865 | 51 | 10 | 26-129/42 |
| 132-64-9 | Dibenzofuran | ND | | 1720 | 1250 | 73 | 1170 | 69 | 7 | 21-114/39 |
| 84-74-2 | Di-n-butyl phthalate | ND | | 1720 | 1280 | 74 | 1120 | 66 | 13 | 29-127/39 |
| 117-84-0 | Di-n-octyl phthalate | ND | | 1720 | 1580 | 92 | 1300 | 77 | 19 | 25-140/43 |
| 84-66-2 | Diethyl phthalate | ND | | 1720 | 1310 | 76 | 1200 | 71 | 9 | 32-115/37 |
| 131-11-3 | Dimethyl phthalate | ND | | 1720 | 1280 | 74 | 1160 | 68 | 10 | 29-115/37 |
| 117-81-7 | bis(2-Ethylhexyl)phthalate | ND | | 1720 | 1230 | 71 | 1060 | 63 | 15 | 26-140/43 |
| 206-44-0 | Fluoranthene | ND | | 1720 | 1290 | 75 | 1150 | 68 | 11 | 16-134/44 |
| 86-73-7 | Fluorene | ND | | 1720 | 1230 | 71 | 1140 | 67 | 8 | 24-116/39 |
| 118-74-1 | Hexachlorobenzene | ND | | 1720 | 1380 | 80 | 1210 | 71 | 13 | 24-118/41 |
| 87-68-3 | Hexachlorobutadiene | ND | | 1720 | 1430 | 83 | 1290 | 76 | 10 | 15-110/42 |
| 77-47-4 | Hexachlorocyclopentadiene | ND | | 3450 | 1130 | 33 | 951 | 28 | 17 | 10-110/52 |
| 67-72-1 | Hexachloroethane | ND | | 1720 | 1350 | 78 | 1270 | 75 | 6 | 11-110/46 |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | ND | | 1720 | 947 | 55 | 856 | 50 | 10 | 23-132/43 |
| 78-59-1 | Isophorone | ND | | 1720 | 1240 | 72 | 1150 | 68 | 8 | 22-105/41 |
| 91-57-6 | 2-Methylnaphthalene | ND | | 1720 | 1230 | 71 | 1140 | 67 | 8 | 16-108/40 |
| 88-74-4 | 2-Nitroaniline | ND | | 1720 | 1160 | 67 | 1070 | 63 | 8 | 23-130/39 |
| 99-09-2 | 3-Nitroaniline | ND | | 1720 | 930 | 54 | 819 | 48 | 13 | 19-116/40 |
| 100-01-6 | 4-Nitroaniline | ND | | 1720 | 1050 | 61 | 1030 | 61 | 2 | 18-124/42 |
| 91-20-3 | Naphthalene | ND | | 1720 | 1170 | 68 | 1090 | 64 | 7 | 13-103/41 |
| 98-95-3 | Nitrobenzene | ND | | 1720 | 1690 | 98 | 1610 | 95 | 5 | 14-109/41 |
| 621-64-7 | N-Nitroso-di-n-propylamine | ND | | 1720 | 1260 | 73 | 1220 | 72 | 3 | 11-113/41 |
| 86-30-6 | N-Nitrosodiphenylamine | ND | | 1720 | 1140 | 66 | 998 | 59 | 13 | 26-119/38 |
| 85-01-8 | Phenanthrene | ND | | 1720 | 1120 | 65 | 1000 | 59 | 11 | 19-126/42 |
| 129-00-0 | Pyrene | ND | | 1720 | 1100 | 64 | 955 | 56 | 14 | 17-136/45 |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | ND | | 1720 | 1380 | 80 | 1330 | 78 | 4 | 22-110/41 |

* = Outside of Control Limits.

7.3.5
 7

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JB57522
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|-----------|----|----------|----|-----------|------------|------------------|
| OP72149-MS | 3P28723.D | 1 | 01/22/14 | CH | 01/21/14 | OP72149 | E3P1215 |
| OP72149-MSD | 3P28724.D | 1 | 01/22/14 | CH | 01/21/14 | OP72149 | E3P1215 |
| JB58216-1 | 3P28711.D | 1 | 01/22/14 | CH | 01/21/14 | OP72149 | E3P1215 |

The QC reported here applies to the following samples:

Method: SW846 8270D

JB58216-1, JB58216-2, JB58216-3, JB58216-4

| CAS No. | Surrogate Recoveries | MS | MSD | JB58216-1 | Limits |
|-----------|----------------------|-----|-----|-----------|---------|
| 367-12-4 | 2-Fluorophenol | 80% | 80% | 58% | 13-110% |
| 4165-62-2 | Phenol-d5 | 81% | 83% | 61% | 15-110% |
| 118-79-6 | 2,4,6-Tribromophenol | 79% | 72% | 48% | 20-123% |
| 4165-60-0 | Nitrobenzene-d5 | 71% | 68% | 56% | 10-110% |
| 321-60-8 | 2-Fluorobiphenyl | 74% | 72% | 63% | 17-110% |
| 1718-51-0 | Terphenyl-d14 | 85% | 76% | 79% | 30-124% |

(a) Outside control limits due to matrix interference.

* = Outside of Control Limits.

Instrument Performance Check (DFTPP)

Job Number: JB57522
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| | | | |
|----------------|---------------|-----------------|----------|
| Sample: | E2P1314-DFTPP | Injection Date: | 12/30/13 |
| Lab File ID: | 2P32034.D | Injection Time: | 10:19 |
| Instrument ID: | GCMS2P | | |

| m/e | Ion Abundance Criteria | Raw Abundance | % Relative Abundance | Pass/Fail |
|-----|------------------------------------|---------------|--------------------------|-----------|
| 51 | 30.0 - 60.0% of mass 198 | 53169 | 53.8 | Pass |
| 68 | Less than 2.0% of mass 69 | 922 | 0.93 (1.89) ^a | Pass |
| 69 | Mass 69 relative abundance | 48713 | 49.3 | Pass |
| 70 | Less than 2.0% of mass 69 | 0 | 0.00 (0.00) ^a | Pass |
| 127 | 40.0 - 60.0% of mass 198 | 54000 | 54.6 | Pass |
| 197 | Less than 1.0% of mass 198 | 0 | 0.00 | Pass |
| 198 | Base peak, 100% relative abundance | 98901 | 100.0 | Pass |
| 199 | 5.0 - 9.0% of mass 198 | 6853 | 6.93 | Pass |
| 275 | 10.0 - 30.0% of mass 198 | 19415 | 19.6 | Pass |
| 365 | 1.0 - 100.0% of mass 198 | 2287 | 2.31 | Pass |
| 441 | Present, but less than mass 443 | 7927 | 8.02 (84.5) ^b | Pass |
| 442 | 40.0 - 100.0% of mass 198 | 50803 | 51.4 | Pass |
| 443 | 17.0 - 23.0% of mass 442 | 9384 | 9.49 (18.5) ^c | Pass |

- (a) Value is % of mass 69
- (b) Value is % of mass 443
- (c) Value is % of mass 442

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

| Lab Sample ID | Lab File ID | Date Analyzed | Time Analyzed | Hours Lapsed | Client Sample ID |
|-----------------|-------------|---------------|---------------|--------------|-----------------------------|
| E2P1314-IC1314 | 2P32035.D | 12/30/13 | 10:37 | 00:18 | Initial cal 100 |
| E2P1314-IC1314 | 2P32036.D | 12/30/13 | 11:01 | 00:42 | Initial cal 1 |
| E2P1314-ICC1314 | 2P32037.D | 12/30/13 | 11:34 | 01:15 | Initial cal 50 |
| E2P1314-IC1314 | 2P32038.D | 12/30/13 | 11:58 | 01:39 | Initial cal 80 |
| E2P1314-IC1314 | 2P32039.D | 12/30/13 | 12:23 | 02:04 | Initial cal 25 |
| E2P1314-IC1314 | 2P32040.D | 12/30/13 | 12:48 | 02:29 | Initial cal 10 |
| E2P1314-IC1314 | 2P32041.D | 12/30/13 | 13:13 | 02:54 | Initial cal 5 |
| E2P1314-IC1314 | 2P32042.D | 12/30/13 | 13:38 | 03:19 | Initial cal 2 |
| E2P1314-IC1314 | 2P32043.D | 12/30/13 | 14:03 | 03:44 | Initial cal 100 |
| E2P1314-IC1314 | 2P32044.D | 12/30/13 | 14:28 | 04:09 | Initial cal 80 |
| E2P1314-IC1314 | 2P32045.D | 12/30/13 | 14:52 | 04:33 | Initial cal 50 |
| E2P1314-IC1314 | 2P32046.D | 12/30/13 | 15:17 | 04:58 | Initial cal 25 |
| E2P1314-IC1314 | 2P32047.D | 12/30/13 | 15:42 | 05:23 | Initial cal 10 |
| E2P1314-IC1314 | 2P32048.D | 12/30/13 | 16:07 | 05:48 | Initial cal 5 |
| E2P1314-IC1314 | 2P32049.D | 12/30/13 | 16:32 | 06:13 | Initial cal 2 |
| E2P1314-IC1314 | 2P32050.D | 12/30/13 | 16:57 | 06:38 | Initial cal 1 |
| E2P1314-ICV1314 | 2P32051.D | 12/30/13 | 17:22 | 07:03 | Initial cal verification 50 |
| E2P1314-ICV1314 | 2P32052.D | 12/30/13 | 17:46 | 07:27 | Initial cal verification 50 |
| E2P1314-ICV1314 | 2P32053.D | 12/30/13 | 18:11 | 07:52 | Initial cal verification 50 |

7.4.1
7

Instrument Performance Check (DFTPP)

Job Number: JB57522
Account: AKRFNYNY AKRF
Project: Flushing Commons, Union Street, Flushing, NY

| | |
|-------------------------------|---------------------------------|
| Sample: E2P1314-DFTPP | Injection Date: 12/30/13 |
| Lab File ID: 2P32034.D | Injection Time: 10:19 |
| Instrument ID: GCMS2P | |

| Lab Sample ID | Lab File ID | Date Analyzed | Time Analyzed | Hours Lapsed | Client Sample ID |
|-----------------|-------------|---------------|---------------|--------------|-----------------------------|
| E2P1314-ICV1314 | 2P32054.D | 12/30/13 | 18:36 | 08:17 | Initial cal verification 50 |
| E2P1314-ICV1314 | 2P32056.D | 12/30/13 | 19:26 | 09:07 | Initial cal verification 50 |
| E2P1314-ICV1314 | 2P32057.D | 12/30/13 | 19:51 | 09:32 | Initial cal verification 50 |

7.4.1
7

Instrument Performance Check (DFTPP)

Job Number: JB57522
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| | | | |
|----------------|---------------|-----------------|----------|
| Sample: | E2P1337-DFTPP | Injection Date: | 01/16/14 |
| Lab File ID: | 2P32598.D | Injection Time: | 10:01 |
| Instrument ID: | GCMS2P | | |

| m/e | Ion Abundance Criteria | Raw Abundance | % Relative Abundance | Pass/Fail |
|-----|------------------------------------|---------------|--------------------------|-----------|
| 51 | 30.0 - 60.0% of mass 198 | 54697 | 53.1 | Pass |
| 68 | Less than 2.0% of mass 69 | 594 | 0.58 (1.16) ^a | Pass |
| 69 | Mass 69 relative abundance | 51056 | 49.6 | Pass |
| 70 | Less than 2.0% of mass 69 | 799 | 0.78 (1.56) ^a | Pass |
| 127 | 40.0 - 60.0% of mass 198 | 60302 | 58.5 | Pass |
| 197 | Less than 1.0% of mass 198 | 0 | 0.00 | Pass |
| 198 | Base peak, 100% relative abundance | 103014 | 100.0 | Pass |
| 199 | 5.0 - 9.0% of mass 198 | 7585 | 7.36 | Pass |
| 275 | 10.0 - 30.0% of mass 198 | 23484 | 22.8 | Pass |
| 365 | 1.0 - 100.0% of mass 198 | 3959 | 3.84 | Pass |
| 441 | Present, but less than mass 443 | 9161 | 8.89 (80.8) ^b | Pass |
| 442 | 40.0 - 100.0% of mass 198 | 57232 | 55.6 | Pass |
| 443 | 17.0 - 23.0% of mass 442 | 11341 | 11.0 (19.8) ^c | Pass |

- (a) Value is % of mass 69
- (b) Value is % of mass 443
- (c) Value is % of mass 442

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

| Lab Sample ID | Lab File ID | Date Analyzed | Time Analyzed | Hours Lapsed | Client Sample ID |
|----------------|-------------|---------------|---------------|--------------|-----------------------|
| E2P1337-CC1314 | 2P32599.D | 01/16/14 | 10:13 | 00:12 | Continuing cal 50 |
| E2P1337-CC1314 | 2P32600.D | 01/16/14 | 10:48 | 00:47 | Continuing cal 50 |
| OP72024-MB1 | 2P32601.D | 01/16/14 | 11:15 | 01:14 | Method Blank |
| OP71672B-MB1 | 2P32603.D | 01/16/14 | 12:05 | 02:04 | Method Blank |
| OP71672B-BS1 | 2P32604.D | 01/16/14 | 12:30 | 02:29 | Blank Spike |
| OP71672B-BSD | 2P32605.D | 01/16/14 | 12:55 | 02:54 | Blank Spike Duplicate |
| ZZZZZZ | 2P32606.D | 01/16/14 | 13:19 | 03:18 | (unrelated sample) |
| ZZZZZZ | 2P32607.D | 01/16/14 | 13:44 | 03:43 | (unrelated sample) |
| ZZZZZZ | 2P32608.D | 01/16/14 | 14:09 | 04:08 | (unrelated sample) |
| ZZZZZZ | 2P32609.D | 01/16/14 | 14:34 | 04:33 | (unrelated sample) |
| ZZZZZZ | 2P32610.D | 01/16/14 | 14:59 | 04:58 | (unrelated sample) |
| ZZZZZZ | 2P32611.D | 01/16/14 | 15:24 | 05:23 | (unrelated sample) |
| ZZZZZZ | 2P32612.D | 01/16/14 | 15:49 | 05:48 | (unrelated sample) |
| ZZZZZZ | 2P32613.D | 01/16/14 | 16:14 | 06:13 | (unrelated sample) |
| ZZZZZZ | 2P32614.D | 01/16/14 | 16:38 | 06:37 | (unrelated sample) |
| ZZZZZZ | 2P32615.D | 01/16/14 | 17:28 | 07:27 | (unrelated sample) |
| ZZZZZZ | 2P32616.D | 01/16/14 | 17:53 | 07:52 | (unrelated sample) |
| ZZZZZZ | 2P32618.D | 01/16/14 | 18:43 | 08:42 | (unrelated sample) |
| ZZZZZZ | 2P32619.D | 01/16/14 | 19:08 | 09:07 | (unrelated sample) |

7.4.2
7

Instrument Performance Check (DFTPP)

Job Number: JB57522
Account: AKRFNYNY AKRF
Project: Flushing Commons, Union Street, Flushing, NY

| | | | |
|----------------|---------------|-----------------|----------|
| Sample: | E2P1337-DFTPP | Injection Date: | 01/16/14 |
| Lab File ID: | 2P32598.D | Injection Time: | 10:01 |
| Instrument ID: | GCMS2P | | |

| Lab Sample ID | Lab File ID | Date Analyzed | Time Analyzed | Hours Lapsed | Client Sample ID |
|---------------|-------------|---------------|---------------|--------------|--------------------|
| <u>ZZZZZZ</u> | 2P32620.D | 01/16/14 | 19:33 | 09:32 | (unrelated sample) |
| <u>ZZZZZZ</u> | 2P32621.D | 01/16/14 | 19:58 | 09:57 | (unrelated sample) |
| <u>ZZZZZZ</u> | 2P32622.D | 01/16/14 | 20:23 | 10:22 | (unrelated sample) |

7.4.2
7

Instrument Performance Check (DFTPP)

Job Number: JB57522
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| | | | |
|----------------|---------------|-----------------|----------|
| Sample: | E2P1343-DFTPP | Injection Date: | 01/22/14 |
| Lab File ID: | 2P32777.D | Injection Time: | 10:27 |
| Instrument ID: | GCMS2P | | |

| m/e | Ion Abundance Criteria | Raw Abundance | % Relative Abundance | Pass/Fail |
|-----|------------------------------------|---------------|--------------------------|-----------|
| 51 | 30.0 - 60.0% of mass 198 | 76162 | 53.9 | Pass |
| 68 | Less than 2.0% of mass 69 | 152 | 0.11 (0.21) ^a | Pass |
| 69 | Mass 69 relative abundance | 71304 | 50.5 | Pass |
| 70 | Less than 2.0% of mass 69 | 806 | 0.57 (1.13) ^a | Pass |
| 127 | 40.0 - 60.0% of mass 198 | 78915 | 55.9 | Pass |
| 197 | Less than 1.0% of mass 198 | 529 | 0.37 | Pass |
| 198 | Base peak, 100% relative abundance | 141232 | 100.0 | Pass |
| 199 | 5.0 - 9.0% of mass 198 | 9864 | 6.98 | Pass |
| 275 | 10.0 - 30.0% of mass 198 | 29331 | 20.8 | Pass |
| 365 | 1.0 - 100.0% of mass 198 | 4311 | 3.05 | Pass |
| 441 | Present, but less than mass 443 | 10844 | 7.68 (83.1) ^b | Pass |
| 442 | 40.0 - 100.0% of mass 198 | 65397 | 46.3 | Pass |
| 443 | 17.0 - 23.0% of mass 442 | 13051 | 9.24 (20.0) ^c | Pass |

- (a) Value is % of mass 69
- (b) Value is % of mass 443
- (c) Value is % of mass 442

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

| Lab Sample ID | Lab File ID | Date Analyzed | Time Analyzed | Hours Lapsed | Client Sample ID |
|----------------|-------------|---------------|---------------|--------------|-----------------------|
| E2P1343-CC1314 | 2P32778.D | 01/22/14 | 10:41 | 00:14 | Continuing cal 50 |
| E2P1343-CC1314 | 2P32779.D | 01/22/14 | 11:11 | 00:44 | Continuing cal 50 |
| OP72149-MB1 | 2P32781.D | 01/22/14 | 12:14 | 01:47 | Method Blank |
| OP72042A-MB1 | 2P32782.D | 01/22/14 | 12:39 | 02:12 | Method Blank |
| OP72042A-BS1 | 2P32783.D | 01/22/14 | 13:04 | 02:37 | Blank Spike |
| OP72042A-BSD | 2P32784.D | 01/22/14 | 13:29 | 03:02 | Blank Spike Duplicate |
| ZZZZZZ | 2P32785.D | 01/22/14 | 13:54 | 03:27 | (unrelated sample) |
| ZZZZZZ | 2P32786.D | 01/22/14 | 14:19 | 03:52 | (unrelated sample) |
| ZZZZZZ | 2P32787.D | 01/22/14 | 14:44 | 04:17 | (unrelated sample) |
| ZZZZZZ | 2P32788.D | 01/22/14 | 15:08 | 04:41 | (unrelated sample) |
| ZZZZZZ | 2P32789.D | 01/22/14 | 15:33 | 05:06 | (unrelated sample) |
| ZZZZZZ | 2P32790.D | 01/22/14 | 15:58 | 05:31 | (unrelated sample) |
| ZZZZZZ | 2P32791.D | 01/22/14 | 16:23 | 05:56 | (unrelated sample) |
| ZZZZZZ | 2P32792.D | 01/22/14 | 16:48 | 06:21 | (unrelated sample) |
| ZZZZZZ | 2P32793.D | 01/22/14 | 17:13 | 06:46 | (unrelated sample) |

7.4.3
7

Instrument Performance Check (DFTPP)

Job Number: JB57522
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| | |
|------------------------|--------------------------|
| Sample: E3P1192-DFTPP | Injection Date: 01/07/14 |
| Lab File ID: 3P28219.D | Injection Time: 16:14 |
| Instrument ID: GCMS3P | |

| m/e | Ion Abundance Criteria | Raw Abundance | % Relative Abundance | Pass/Fail |
|-----|------------------------------------|---------------|--------------------------|-----------|
| 51 | 30.0 - 60.0% of mass 198 | 66245 | 32.0 | Pass |
| 68 | Less than 2.0% of mass 69 | 1519 | 0.73 (1.67) ^a | Pass |
| 69 | Mass 69 relative abundance | 91156 | 44.0 | Pass |
| 70 | Less than 2.0% of mass 69 | 411 | 0.20 (0.45) ^a | Pass |
| 127 | 40.0 - 60.0% of mass 198 | 107289 | 51.8 | Pass |
| 197 | Less than 1.04% of mass 198 | 562 | 0.27 | Pass |
| 198 | Base peak, 100% relative abundance | 207296 | 100.0 | Pass |
| 199 | 5.0 - 9.0% of mass 198 | 13795 | 6.65 | Pass |
| 275 | 10.0 - 30.0% of mass 198 | 49691 | 24.0 | Pass |
| 365 | 1.0 - 100.0% of mass 198 | 6392 | 3.08 | Pass |
| 441 | Present, but less than mass 443 | 20133 | 9.71 (77.7) ^b | Pass |
| 442 | 40.0 - 100.0% of mass 198 | 135104 | 65.2 | Pass |
| 443 | 17.0 - 23.0% of mass 442 | 25913 | 12.5 (19.2) ^c | Pass |

- (a) Value is % of mass 69
- (b) Value is % of mass 443
- (c) Value is % of mass 442

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

| Lab Sample ID | Lab File ID | Date Analyzed | Time Analyzed | Hours Lapsed | Client Sample ID |
|-----------------|-------------|---------------|---------------|--------------|-----------------------------|
| E3P1192-ICC1192 | 3P28220.D | 01/07/14 | 16:26 | 00:12 | Initial cal 50 |
| E3P1192-IC1192 | 3P28221.D | 01/07/14 | 16:51 | 00:37 | Initial cal 100 |
| E3P1192-IC1192 | 3P28222.D | 01/07/14 | 17:16 | 01:02 | Initial cal 1 |
| E3P1192-IC1192 | 3P28223.D | 01/07/14 | 17:40 | 01:26 | Initial cal 80 |
| E3P1192-IC1192 | 3P28224.D | 01/07/14 | 18:05 | 01:51 | Initial cal 25 |
| E3P1192-IC1192 | 3P28225.D | 01/07/14 | 18:30 | 02:16 | Initial cal 10 |
| E3P1192-IC1192 | 3P28226.D | 01/07/14 | 18:55 | 02:41 | Initial cal 5 |
| E3P1192-IC1192 | 3P28227.D | 01/07/14 | 19:20 | 03:06 | Initial cal 2 |
| E3P1192-ICV1192 | 3P28236.D | 01/07/14 | 23:02 | 06:48 | Initial cal verification 50 |
| E3P1192-ICV1192 | 3P28237.D | 01/07/14 | 23:27 | 07:13 | Initial cal verification 50 |
| E3P1192-ICV1192 | 3P28238.D | 01/07/14 | 23:51 | 07:37 | Initial cal verification 50 |
| E3P1192-ICV1192 | 3P28239.D | 01/08/14 | 00:16 | 08:02 | Initial cal verification 50 |
| E3P1192-ICV1192 | 3P28241.D | 01/08/14 | 01:05 | 08:51 | Initial cal verification 50 |

7.4.4
7

Instrument Performance Check (DFTPP)

Job Number: JB57522
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| | | | |
|----------------|---------------|-----------------|----------|
| Sample: | E3P1194-DFTPP | Injection Date: | 01/08/14 |
| Lab File ID: | 3P28248.D | Injection Time: | 11:19 |
| Instrument ID: | GCMS3P | | |

| m/e | Ion Abundance Criteria | Raw Abundance | % Relative Abundance | Pass/Fail |
|-----|------------------------------------|---------------|--------------------------|-----------|
| 51 | 30.0 - 60.0% of mass 198 | 119644 | 32.0 | Pass |
| 68 | Less than 2.0% of mass 69 | 3126 | 0.84 (1.88) ^a | Pass |
| 69 | Mass 69 relative abundance | 165884 | 44.4 | Pass |
| 70 | Less than 2.0% of mass 69 | 804 | 0.22 (0.48) ^a | Pass |
| 127 | 40.0 - 60.0% of mass 198 | 195320 | 52.3 | Pass |
| 197 | Less than 1.04% of mass 198 | 998 | 0.27 | Pass |
| 198 | Base peak, 100% relative abundance | 373344 | 100.0 | Pass |
| 199 | 5.0 - 9.0% of mass 198 | 25563 | 6.85 | Pass |
| 275 | 10.0 - 30.0% of mass 198 | 91195 | 24.4 | Pass |
| 365 | 1.0 - 100.0% of mass 198 | 12001 | 3.21 | Pass |
| 441 | Present, but less than mass 443 | 43981 | 11.8 (77.3) ^b | Pass |
| 442 | 40.0 - 100.0% of mass 198 | 299093 | 80.1 | Pass |
| 443 | 17.0 - 23.0% of mass 442 | 56877 | 15.2 (19.0) ^c | Pass |

- (a) Value is % of mass 69
- (b) Value is % of mass 443
- (c) Value is % of mass 442

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

| Lab Sample ID | Lab File ID | Date Analyzed | Time Analyzed | Hours Lapsed | Client Sample ID |
|-----------------|-------------|---------------|---------------|--------------|-----------------------------|
| E3P1194-ICC1194 | 3P28249.D | 01/08/14 | 11:33 | 00:14 | Initial cal 50 |
| E3P1194-IC1194 | 3P28250.D | 01/08/14 | 11:58 | 00:39 | Initial cal 100 |
| E3P1194-IC1194 | 3P28251.D | 01/08/14 | 12:22 | 01:03 | Initial cal 1 |
| E3P1194-IC1194 | 3P28252.D | 01/08/14 | 12:47 | 01:28 | Initial cal 80 |
| E3P1194-IC1194 | 3P28253.D | 01/08/14 | 13:13 | 01:54 | Initial cal 25 |
| E3P1194-IC1194 | 3P28254.D | 01/08/14 | 13:37 | 02:18 | Initial cal 10 |
| E3P1194-IC1194 | 3P28255.D | 01/08/14 | 14:02 | 02:43 | Initial cal 5 |
| E3P1194-IC1194 | 3P28256.D | 01/08/14 | 14:27 | 03:08 | Initial cal 2 |
| E3P1194-ICV1194 | 3P28257.D | 01/08/14 | 14:52 | 03:33 | Initial cal verification 50 |
| E3P1194-ICV1194 | 3P28258.D | 01/08/14 | 15:17 | 03:58 | Initial cal verification 50 |
| E3P1194-ICV1194 | 3P28260.D | 01/08/14 | 16:07 | 04:48 | Initial cal verification 50 |
| E3P1194-ICV1194 | 3P28261.D | 01/08/14 | 16:33 | 05:14 | Initial cal verification 50 |
| E3P1194-ICV1194 | 3P28262A.D | 01/08/14 | 17:23 | 06:04 | Initial cal verification 50 |

7.4.5
7

Instrument Performance Check (DFTPP)

Job Number: JB57522
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| | | | |
|----------------|---------------|-----------------|----------|
| Sample: | E3P1205-DFTPP | Injection Date: | 01/15/14 |
| Lab File ID: | 3P28475.D | Injection Time: | 08:43 |
| Instrument ID: | GCMS3P | | |

| m/e | Ion Abundance Criteria | Raw Abundance | % Relative Abundance | Pass/Fail |
|-----|------------------------------------|---------------|--------------------------|-----------|
| 51 | 30.0 - 60.0% of mass 198 | 116976 | 31.0 | Pass |
| 68 | Less than 2.0% of mass 69 | 2642 | 0.70 (1.62) ^a | Pass |
| 69 | Mass 69 relative abundance | 163574 | 43.3 | Pass |
| 70 | Less than 2.0% of mass 69 | 616 | 0.16 (0.38) ^a | Pass |
| 127 | 40.0 - 60.0% of mass 198 | 193280 | 51.2 | Pass |
| 197 | Less than 1.04% of mass 198 | 1135 | 0.30 | Pass |
| 198 | Base peak, 100% relative abundance | 377501 | 100.0 | Pass |
| 199 | 5.0 - 9.0% of mass 198 | 25174 | 6.67 | Pass |
| 275 | 10.0 - 30.0% of mass 198 | 92179 | 24.4 | Pass |
| 365 | 1.0 - 100.0% of mass 198 | 11721 | 3.10 | Pass |
| 441 | Present, but less than mass 443 | 44616 | 11.8 (79.1) ^b | Pass |
| 442 | 40.0 - 100.0% of mass 198 | 299413 | 79.3 | Pass |
| 443 | 17.0 - 23.0% of mass 442 | 56381 | 14.9 (18.8) ^c | Pass |

- (a) Value is % of mass 69
- (b) Value is % of mass 443
- (c) Value is % of mass 442

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

| Lab Sample ID | Lab File ID | Date Analyzed | Time Analyzed | Hours Lapsed | Client Sample ID |
|----------------|-------------|---------------|---------------|--------------|--------------------|
| E3P1205-CC1192 | 3P28476.D | 01/15/14 | 08:55 | 00:12 | Continuing cal 25 |
| E3P1205-CC1194 | 3P28477.D | 01/15/14 | 09:23 | 00:40 | Continuing cal 25 |
| OP71995-MB1 | 3P28479.D | 01/15/14 | 10:13 | 01:30 | Method Blank |
| ZZZZZZ | 3P28480.D | 01/15/14 | 10:38 | 01:55 | (unrelated sample) |
| ZZZZZZ | 3P28481.D | 01/15/14 | 11:03 | 02:20 | (unrelated sample) |
| ZZZZZZ | 3P28482.D | 01/15/14 | 11:28 | 02:45 | (unrelated sample) |
| ZZZZZZ | 3P28483.D | 01/15/14 | 11:53 | 03:10 | (unrelated sample) |
| ZZZZZZ | 3P28484.D | 01/15/14 | 12:19 | 03:36 | (unrelated sample) |
| ZZZZZZ | 3P28485.D | 01/15/14 | 12:44 | 04:01 | (unrelated sample) |
| ZZZZZZ | 3P28486.D | 01/15/14 | 13:09 | 04:26 | (unrelated sample) |
| ZZZZZZ | 3P28487.D | 01/15/14 | 13:35 | 04:52 | (unrelated sample) |
| ZZZZZZ | 3P28488.D | 01/15/14 | 14:00 | 05:17 | (unrelated sample) |
| ZZZZZZ | 3P28489.D | 01/15/14 | 14:25 | 05:42 | (unrelated sample) |
| ZZZZZZ | 3P28490.D | 01/15/14 | 14:51 | 06:08 | (unrelated sample) |
| ZZZZZZ | 3P28491.D | 01/15/14 | 15:16 | 06:33 | (unrelated sample) |
| ZZZZZZ | 3P28492.D | 01/15/14 | 15:42 | 06:59 | (unrelated sample) |
| ZZZZZZ | 3P28493.D | 01/15/14 | 16:07 | 07:24 | (unrelated sample) |
| ZZZZZZ | 3P28494.D | 01/15/14 | 16:32 | 07:49 | (unrelated sample) |
| ZZZZZZ | 3P28495.D | 01/15/14 | 16:58 | 08:15 | (unrelated sample) |

7.4.6
7

Instrument Performance Check (DFTPP)

Job Number: JB57522
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| | | | |
|----------------|---------------|-----------------|----------|
| Sample: | E3P1215-DFTPP | Injection Date: | 01/22/14 |
| Lab File ID: | 3P28696.D | Injection Time: | 10:11 |
| Instrument ID: | GCMS3P | | |

| m/e | Ion Abundance Criteria | Raw Abundance | % Relative Abundance | Pass/Fail |
|-----|------------------------------------|---------------|--------------------------|-----------|
| 51 | 30.0 - 60.0% of mass 198 | 77166 | 33.7 | Pass |
| 68 | Less than 2.0% of mass 69 | 1782 | 0.78 (1.69) ^a | Pass |
| 69 | Mass 69 relative abundance | 105374 | 46.0 | Pass |
| 70 | Less than 2.0% of mass 69 | 635 | 0.28 (0.60) ^a | Pass |
| 127 | 40.0 - 60.0% of mass 198 | 120639 | 52.7 | Pass |
| 197 | Less than 1.04% of mass 198 | 1312 | 0.57 | Pass |
| 198 | Base peak, 100% relative abundance | 229011 | 100.0 | Pass |
| 199 | 5.0 - 9.0% of mass 198 | 15808 | 6.90 | Pass |
| 275 | 10.0 - 30.0% of mass 198 | 54680 | 23.9 | Pass |
| 365 | 1.0 - 100.0% of mass 198 | 6895 | 3.01 | Pass |
| 441 | Present, but less than mass 443 | 23757 | 10.4 (75.9) ^b | Pass |
| 442 | 40.0 - 100.0% of mass 198 | 162965 | 71.2 | Pass |
| 443 | 17.0 - 23.0% of mass 442 | 31298 | 13.7 (19.2) ^c | Pass |

- (a) Value is % of mass 69
- (b) Value is % of mass 443
- (c) Value is % of mass 442

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

| Lab Sample ID | Lab File ID | Date Analyzed | Time Analyzed | Hours Lapsed | Client Sample ID |
|----------------|-------------|---------------|---------------|--------------|---|
| E3P1215-CC1192 | 3P28697.D | 01/22/14 | 10:22 | 00:11 | Continuing cal 25 |
| E3P1215-CC1194 | 3P28698.D | 01/22/14 | 10:46 | 00:35 | Continuing cal 25 |
| OP72140-MB1 | 3P28702.D | 01/22/14 | 12:27 | 02:16 | Method Blank |
| OP72140-BS1 | 3P28703.D | 01/22/14 | 12:52 | 02:41 | Blank Spike |
| OP72149-MB1 | 3P28704.D | 01/22/14 | 13:17 | 03:06 | Method Blank |
| OP72149-BS1 | 3P28705.D | 01/22/14 | 13:42 | 03:31 | Blank Spike |
| JB58044-10 | 3P28738.D | 01/22/14 | 15:22 | 05:11 | (used for QC only; not part of job JB57522) |
| ZZZZZZ | 3P28739.D | 01/22/14 | 15:48 | 05:37 | (unrelated sample) |
| ZZZZZZ | 3P28708.D | 01/22/14 | 16:13 | 06:02 | (unrelated sample) |
| ZZZZZZ | 3P28709.D | 01/22/14 | 16:38 | 06:27 | (unrelated sample) |
| ZZZZZZ | 3P28710.D | 01/22/14 | 17:03 | 06:52 | (unrelated sample) |
| JB58216-1 | 3P28711.D | 01/22/14 | 17:28 | 07:17 | SB-10 (0-2) |
| JB58216-2 | 3P28712.D | 01/22/14 | 17:53 | 07:42 | SB-10 (28-30) |
| JB58216-3 | 3P28713.D | 01/22/14 | 18:18 | 08:07 | SB-6 (0-2) |
| JB58216-4 | 3P28714.D | 01/22/14 | 18:43 | 08:32 | SB-6 (49-51) |
| ZZZZZZ | 3P28717.D | 01/22/14 | 19:08 | 08:57 | (unrelated sample) |
| ZZZZZZ | 3P28718.D | 01/22/14 | 19:34 | 09:23 | (unrelated sample) |
| ZZZZZZ | 3P28719.D | 01/22/14 | 19:59 | 09:48 | (unrelated sample) |
| ZZZZZZ | 3P28720.D | 01/22/14 | 20:24 | 10:13 | (unrelated sample) |

7.4.7
7

Instrument Performance Check (DFTPP)

Job Number: JB57522
Account: AKRFNYNY AKRF
Project: Flushing Commons, Union Street, Flushing, NY

| | | | |
|----------------|---------------|-----------------|----------|
| Sample: | E3P1215-DFTPP | Injection Date: | 01/22/14 |
| Lab File ID: | 3P28696.D | Injection Time: | 10:11 |
| Instrument ID: | GCMS3P | | |

| Lab Sample ID | Lab File ID | Date Analyzed | Time Analyzed | Hours Lapsed | Client Sample ID |
|---------------|-------------|---------------|---------------|--------------|---|
| ZZZZZZ | 3P28721.D | 01/22/14 | 20:49 | 10:38 | (unrelated sample) |
| OP72149-MS | 3P28723.D | 01/22/14 | 21:14 | 11:03 | Matrix Spike |
| OP72149-MSD | 3P28724.D | 01/22/14 | 21:40 | 11:29 | Matrix Spike Duplicate |
| ZZZZZZ | 3P28715.D | 01/23/14 | 00:11 | 14:00 | (unrelated sample) |
| JB58083-1 | 3P28716.D | 01/23/14 | 00:36 | 14:25 | (used for QC only; not part of job JB57522) |
| ZZZZZZ | 3P28734.D | 01/23/14 | 01:01 | 14:50 | (unrelated sample) |
| OP72140-MS | 3P28735.D | 01/23/14 | 01:26 | 15:15 | Matrix Spike |
| OP72140-MSD | 3P28736.D | 01/23/14 | 01:52 | 15:41 | Matrix Spike Duplicate |

7.4.7
7

Instrument Performance Check (DFTPP)

Job Number: JB57522
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| | | | |
|----------------|--------------|-----------------|----------|
| Sample: | EM4109-DFTPP | Injection Date: | 01/10/14 |
| Lab File ID: | M100869.D | Injection Time: | 17:10 |
| Instrument ID: | GCMSM | | |

| m/e | Ion Abundance Criteria | Raw Abundance | % Relative Abundance | Pass/Fail |
|-----|------------------------------------|---------------|--------------------------|-----------|
| 51 | 30.0 - 60.0% of mass 198 | 52053 | 42.7 | Pass |
| 68 | Less than 2.0% of mass 69 | 0 | 0.00 (0.00) ^a | Pass |
| 69 | Mass 69 relative abundance | 51442 | 42.2 | Pass |
| 70 | Less than 2.0% of mass 69 | 7 | 0.01 (0.01) ^a | Pass |
| 127 | 40.0 - 60.0% of mass 198 | 62069 | 50.9 | Pass |
| 197 | Less than 1.0% of mass 198 | 0 | 0.00 | Pass |
| 198 | Base peak, 100% relative abundance | 121936 | 100.0 | Pass |
| 199 | 5.0 - 9.0% of mass 198 | 8202 | 6.73 | Pass |
| 275 | 10.0 - 30.0% of mass 198 | 22748 | 18.7 | Pass |
| 365 | 1.0 - 100.0% of mass 198 | 2881 | 2.36 | Pass |
| 441 | Present, but less than mass 443 | 12502 | 10.3 (74.5) ^b | Pass |
| 442 | 40.0 - 100.0% of mass 198 | 86647 | 71.1 | Pass |
| 443 | 17.0 - 23.0% of mass 442 | 16776 | 13.8 (19.4) ^c | Pass |

- (a) Value is % of mass 69
- (b) Value is % of mass 443
- (c) Value is % of mass 442

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

| Lab Sample ID | Lab File ID | Date Analyzed | Time Analyzed | Hours Lapsed | Client Sample ID |
|----------------|-------------|---------------|---------------|--------------|-----------------------------|
| EM4109-IC4109 | M100870.D | 01/10/14 | 17:22 | 00:12 | Initial cal 100 |
| EM4109-IC4109 | M100871.D | 01/10/14 | 17:51 | 00:41 | Initial cal 80 |
| EM4109-ICC4109 | M100872.D | 01/10/14 | 18:20 | 01:10 | Initial cal 50 |
| EM4109-IC4109 | M100873.D | 01/10/14 | 18:49 | 01:39 | Initial cal 25 |
| EM4109-IC4109 | M100874.D | 01/10/14 | 19:18 | 02:08 | Initial cal 10 |
| EM4109-IC4109 | M100875.D | 01/10/14 | 19:47 | 02:37 | Initial cal 5 |
| EM4109-IC4109 | M100876.D | 01/10/14 | 20:16 | 03:06 | Initial cal 2 |
| EM4109-IC4109 | M100877.D | 01/10/14 | 20:44 | 03:34 | Initial cal 1 |
| EM4109-IC4109 | M100878.D | 01/10/14 | 21:13 | 04:03 | Initial cal 100 |
| EM4109-IC4109 | M100879.D | 01/10/14 | 21:42 | 04:32 | Initial cal 80 |
| EM4109-IC4109 | M100880.D | 01/10/14 | 22:11 | 05:01 | Initial cal 50 |
| EM4109-IC4109 | M100881.D | 01/10/14 | 22:40 | 05:30 | Initial cal 25 |
| EM4109-IC4109 | M100882.D | 01/10/14 | 23:09 | 05:59 | Initial cal 10 |
| EM4109-IC4109 | M100883.D | 01/10/14 | 23:38 | 06:28 | Initial cal 5 |
| EM4109-IC4109 | M100884.D | 01/11/14 | 00:07 | 06:57 | Initial cal 2 |
| EM4109-IC4109 | M100885.D | 01/11/14 | 00:36 | 07:26 | Initial cal 1 |
| EM4109-ICV4109 | M100886.D | 01/11/14 | 01:04 | 07:54 | Initial cal verification 50 |
| EM4109-ICV4109 | M100887.D | 01/11/14 | 01:33 | 08:23 | Initial cal verification 50 |
| EM4109-ICV4109 | M100888.D | 01/11/14 | 02:02 | 08:52 | Initial cal verification 50 |

7.4.8
7

Instrument Performance Check (DFTPP)

Job Number: JB57522
Account: AKRFNYNY AKRF
Project: Flushing Commons, Union Street, Flushing, NY

| | |
|-------------------------------|---------------------------------|
| Sample: EM4109-DFTPP | Injection Date: 01/10/14 |
| Lab File ID: M100869.D | Injection Time: 17:10 |
| Instrument ID: GCMSM | |

| Lab Sample ID | Lab File ID | Date Analyzed | Time Analyzed | Hours Lapsed | Client Sample ID |
|----------------|-------------|---------------|---------------|--------------|-----------------------------|
| EM4109-ICV4109 | M100889.D | 01/11/14 | 02:31 | 09:21 | Initial cal verification 50 |
| EM4109-ICV4109 | M100890.D | 01/11/14 | 03:00 | 09:50 | Initial cal verification 50 |
| EM4109-ICV4109 | M100892.D | 01/11/14 | 03:57 | 10:47 | Initial cal verification 50 |

7.4.8
7

Instrument Performance Check (DFTPP)

Job Number: JB57522
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| | | | |
|----------------|--------------|-----------------|----------|
| Sample: | EM4113-DFTPP | Injection Date: | 01/14/14 |
| Lab File ID: | M100975.D | Injection Time: | 11:05 |
| Instrument ID: | GCMSM | | |

| m/e | Ion Abundance Criteria | Raw Abundance | % Relative Abundance | Pass/Fail |
|-----|------------------------------------|---------------|--------------------------|-----------|
| 51 | 30.0 - 60.0% of mass 198 | 53570 | 41.7 | Pass |
| 68 | Less than 2.0% of mass 69 | 101 | 0.08 (0.19) ^a | Pass |
| 69 | Mass 69 relative abundance | 54362 | 42.4 | Pass |
| 70 | Less than 2.0% of mass 69 | 469 | 0.37 (0.86) ^a | Pass |
| 127 | 40.0 - 60.0% of mass 198 | 65256 | 50.8 | Pass |
| 197 | Less than 1.0% of mass 198 | 0 | 0.00 | Pass |
| 198 | Base peak, 100% relative abundance | 128352 | 100.0 | Pass |
| 199 | 5.0 - 9.0% of mass 198 | 8568 | 6.68 | Pass |
| 275 | 10.0 - 30.0% of mass 198 | 23256 | 18.1 | Pass |
| 365 | 1.0 - 100.0% of mass 198 | 2914 | 2.27 | Pass |
| 441 | Present, but less than mass 443 | 13245 | 10.3 (80.1) ^b | Pass |
| 442 | 40.0 - 100.0% of mass 198 | 83613 | 65.1 | Pass |
| 443 | 17.0 - 23.0% of mass 442 | 16539 | 12.9 (19.8) ^c | Pass |

- (a) Value is % of mass 69
- (b) Value is % of mass 443
- (c) Value is % of mass 442

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

| Lab Sample ID | Lab File ID | Date Analyzed | Time Analyzed | Hours Lapsed | Client Sample ID |
|---------------|-------------|---------------|---------------|--------------|-----------------------|
| EM4113-CC4109 | M100976.D | 01/14/14 | 11:19 | 00:14 | Continuing cal 25 |
| EM4113-CC4109 | M100977.D | 01/14/14 | 11:49 | 00:44 | Continuing cal 25 |
| OP71987-MB1 | M100978.D | 01/14/14 | 12:24 | 01:19 | Method Blank |
| OP71987-BS1 | M100979.D | 01/14/14 | 12:53 | 01:48 | Blank Spike |
| OP71987-BSD | M100980.D | 01/14/14 | 13:23 | 02:18 | Blank Spike Duplicate |
| ZZZZZZ | M100982.D | 01/14/14 | 14:21 | 03:16 | (unrelated sample) |
| ZZZZZZ | M100983.D | 01/14/14 | 14:51 | 03:46 | (unrelated sample) |
| OP71995-MB1 | M100999.D | 01/14/14 | 15:49 | 04:44 | Method Blank |
| OP71995-BS1 | M101000.D | 01/14/14 | 16:18 | 05:13 | Blank Spike |
| ZZZZZZ | M101001.D | 01/14/14 | 16:47 | 05:42 | (unrelated sample) |
| ZZZZZZ | M100989.D | 01/14/14 | 19:13 | 08:08 | (unrelated sample) |
| ZZZZZZ | M100990.D | 01/14/14 | 19:42 | 08:37 | (unrelated sample) |

7.4.9
7

Instrument Performance Check (DFTPP)

Job Number: JB57522
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| | | | |
|----------------|--------------|-----------------|----------|
| Sample: | EM4114-DFTPP | Injection Date: | 01/15/14 |
| Lab File ID: | M101002.D | Injection Time: | 09:15 |
| Instrument ID: | GCMSM | | |

| m/e | Ion Abundance Criteria | Raw Abundance | % Relative Abundance | Pass/Fail |
|-----|------------------------------------|---------------|--------------------------|-----------|
| 51 | 30.0 - 60.0% of mass 198 | 63697 | 42.7 | Pass |
| 68 | Less than 2.0% of mass 69 | 379 | 0.25 (0.61) ^a | Pass |
| 69 | Mass 69 relative abundance | 62638 | 42.0 | Pass |
| 70 | Less than 2.0% of mass 69 | 232 | 0.16 (0.37) ^a | Pass |
| 127 | 40.0 - 60.0% of mass 198 | 73810 | 49.5 | Pass |
| 197 | Less than 1.0% of mass 198 | 0 | 0.00 | Pass |
| 198 | Base peak, 100% relative abundance | 149125 | 100.0 | Pass |
| 199 | 5.0 - 9.0% of mass 198 | 9781 | 6.56 | Pass |
| 275 | 10.0 - 30.0% of mass 198 | 27117 | 18.2 | Pass |
| 365 | 1.0 - 100.0% of mass 198 | 3128 | 2.10 | Pass |
| 441 | Present, but less than mass 443 | 15542 | 10.4 (78.1) ^b | Pass |
| 442 | 40.0 - 100.0% of mass 198 | 104754 | 70.2 | Pass |
| 443 | 17.0 - 23.0% of mass 442 | 19898 | 13.3 (19.0) ^c | Pass |

- (a) Value is % of mass 69
- (b) Value is % of mass 443
- (c) Value is % of mass 442

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

| Lab Sample ID | Lab File ID | Date Analyzed | Time Analyzed | Hours Lapsed | Client Sample ID |
|---------------|-------------|---------------|---------------|--------------|---|
| EM4114-CC4109 | M101003.D | 01/15/14 | 09:58 | 00:43 | Continuing cal 50 |
| EM4114-CC4109 | M101004.D | 01/15/14 | 10:27 | 01:12 | Continuing cal 50 |
| JB57522-1 | M101005.D | 01/15/14 | 10:56 | 01:41 | SB-9 (0-2) |
| JB57522-2 | M101006.D | 01/15/14 | 11:25 | 02:10 | SB-9 (28-30) |
| JB57522-3 | M101007.D | 01/15/14 | 11:54 | 02:39 | SB-5 (0-2) |
| JB57522-4 | M101008.D | 01/15/14 | 12:23 | 03:08 | SB-5 (36-38) |
| ZZZZZZ | M101009.D | 01/15/14 | 12:52 | 03:37 | (unrelated sample) |
| JB57389-20 | M101010.D | 01/15/14 | 13:21 | 04:06 | (used for QC only; not part of job JB57522) |
| ZZZZZZ | M101011.D | 01/15/14 | 13:50 | 04:35 | (unrelated sample) |
| ZZZZZZ | M101012.D | 01/15/14 | 14:20 | 05:05 | (unrelated sample) |
| OP71995-MS | M101013.D | 01/15/14 | 14:49 | 05:34 | Matrix Spike |
| OP71995-MSD | M101014.D | 01/15/14 | 15:19 | 06:04 | Matrix Spike Duplicate |
| JB57389-20 | M101015.D | 01/15/14 | 15:48 | 06:33 | (used for QC only; not part of job JB57522) |

7.4.10
7

Instrument Performance Check (DFTPP)

Job Number: JB57522
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| | | | |
|----------------|--------------|-----------------|----------|
| Sample: | EP3465-DFTPP | Injection Date: | 01/06/14 |
| Lab File ID: | P81469.D | Injection Time: | 11:22 |
| Instrument ID: | GCMSP | | |

| m/e | Ion Abundance Criteria | Raw Abundance | % Relative Abundance | Pass/Fail |
|-----|------------------------------------|---------------|--------------------------|-----------|
| 51 | 30.0 - 60.0% of mass 198 | 17881 | 32.0 | Pass |
| 68 | Less than 2.0% of mass 69 | 0 | 0.00 (0.00) ^a | Pass |
| 69 | Mass 69 relative abundance | 25104 | 45.0 | Pass |
| 70 | Less than 2.0% of mass 69 | 0 | 0.00 (0.00) ^a | Pass |
| 127 | 40.0 - 60.0% of mass 198 | 28421 | 50.9 | Pass |
| 197 | Less than 1.0% of mass 198 | 0 | 0.00 | Pass |
| 198 | Base peak, 100% relative abundance | 55794 | 100.0 | Pass |
| 199 | 5.0 - 9.0% of mass 198 | 3737 | 6.70 | Pass |
| 275 | 10.0 - 30.0% of mass 198 | 9447 | 16.9 | Pass |
| 365 | 1.0 - 100.0% of mass 198 | 969 | 1.74 | Pass |
| 441 | Present, but less than mass 443 | 4502 | 8.07 (80.9) ^b | Pass |
| 442 | 40.0 - 100.0% of mass 198 | 29994 | 53.8 | Pass |
| 443 | 17.0 - 23.0% of mass 442 | 5566 | 9.98 (18.6) ^c | Pass |

- (a) Value is % of mass 69
- (b) Value is % of mass 443
- (c) Value is % of mass 442

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

| Lab Sample ID | Lab File ID | Date Analyzed | Time Analyzed | Hours Lapsed | Client Sample ID |
|----------------|-------------|---------------|---------------|--------------|-----------------------------|
| EP3465-ICC3465 | P81470.D | 01/06/14 | 11:33 | 00:11 | Initial cal 50 |
| EP3465-IC3465 | P81471.D | 01/06/14 | 11:59 | 00:37 | Initial cal 100 |
| EP3465-IC3465 | P81472.D | 01/06/14 | 12:25 | 01:03 | Initial cal 1 |
| EP3465-IC3465 | P81473.D | 01/06/14 | 13:09 | 01:47 | Initial cal 80 |
| EP3465-IC3465 | P81474.D | 01/06/14 | 13:34 | 02:12 | Initial cal 25 |
| EP3465-IC3465 | P81475.D | 01/06/14 | 14:00 | 02:38 | Initial cal 10 |
| EP3465-IC3465 | P81476.D | 01/06/14 | 14:26 | 03:04 | Initial cal 5 |
| EP3465-IC3465 | P81477.D | 01/06/14 | 14:51 | 03:29 | Initial cal 2 |
| EP3465-IC3465 | P81478.D | 01/06/14 | 15:17 | 03:55 | Initial cal 50 |
| EP3465-IC3465 | P81479.D | 01/06/14 | 15:42 | 04:20 | Initial cal 25 |
| EP3465-IC3465 | P81480.D | 01/06/14 | 16:08 | 04:46 | Initial cal 100 |
| EP3465-IC3465 | P81481.D | 01/06/14 | 16:33 | 05:11 | Initial cal 1 |
| EP3465-IC3465 | P81482.D | 01/06/14 | 16:59 | 05:37 | Initial cal 80 |
| EP3465-IC3465 | P81483.D | 01/06/14 | 17:24 | 06:02 | Initial cal 10 |
| EP3465-IC3465 | P81484.D | 01/06/14 | 17:50 | 06:28 | Initial cal 5 |
| EP3465-IC3465 | P81485.D | 01/06/14 | 18:16 | 06:54 | Initial cal 2 |
| EP3465-ICV3465 | P81486.D | 01/06/14 | 18:41 | 07:19 | Initial cal verification 50 |
| EP3465-ICV3465 | P81488.D | 01/06/14 | 19:32 | 08:10 | Initial cal verification 50 |
| EP3465-ICV3465 | P81490.D | 01/06/14 | 20:23 | 09:01 | Initial cal verification 50 |

7.4.11
7

Instrument Performance Check (DFTPP)

Job Number: JB57522

Account: AKRFNYNY AKRF

Project: Flushing Commons, Union Street, Flushing, NY

| | | | |
|----------------|--------------|-----------------|----------|
| Sample: | EP3465-DFTPP | Injection Date: | 01/06/14 |
| Lab File ID: | P81469.D | Injection Time: | 11:22 |
| Instrument ID: | GCMSP | | |

| Lab Sample ID | Lab File ID | Date Analyzed | Time Analyzed | Hours Lapsed | Client Sample ID |
|----------------|-------------|---------------|---------------|--------------|-----------------------------|
| EP3465-ICV3465 | P81491.D | 01/06/14 | 20:48 | 09:26 | Initial cal verification 50 |
| EP3465-ICV3465 | P81492.D | 01/06/14 | 21:14 | 09:52 | Initial cal verification 50 |

7.4.11

7

Instrument Performance Check (DFTPP)

Job Number: JB57522
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| | | | |
|----------------|--------------|-----------------|----------|
| Sample: | EP3489-DFTPP | Injection Date: | 01/20/14 |
| Lab File ID: | P81945.D | Injection Time: | 18:35 |
| Instrument ID: | GCMSP | | |

| m/e | Ion Abundance Criteria | Raw Abundance | % Relative Abundance | Pass/Fail |
|-----|------------------------------------|---------------|--------------------------|-----------|
| 51 | 30.0 - 60.0% of mass 198 | 51454 | 37.1 | Pass |
| 68 | Less than 2.0% of mass 69 | 0 | 0.00 (0.00) ^a | Pass |
| 69 | Mass 69 relative abundance | 70504 | 50.9 | Pass |
| 70 | Less than 2.0% of mass 69 | 317 | 0.23 (0.45) ^a | Pass |
| 127 | 40.0 - 60.0% of mass 198 | 73026 | 52.7 | Pass |
| 197 | Less than 1.0% of mass 198 | 0 | 0.00 | Pass |
| 198 | Base peak, 100% relative abundance | 138536 | 100.0 | Pass |
| 199 | 5.0 - 9.0% of mass 198 | 9936 | 7.17 | Pass |
| 275 | 10.0 - 30.0% of mass 198 | 26680 | 19.3 | Pass |
| 365 | 1.0 - 100.0% of mass 198 | 3443 | 2.49 | Pass |
| 441 | Present, but less than mass 443 | 11920 | 8.60 (82.3) ^b | Pass |
| 442 | 40.0 - 100.0% of mass 198 | 76373 | 55.1 | Pass |
| 443 | 17.0 - 23.0% of mass 442 | 14488 | 10.5 (19.0) ^c | Pass |

- (a) Value is % of mass 69
- (b) Value is % of mass 443
- (c) Value is % of mass 442

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

| Lab Sample ID | Lab File ID | Date Analyzed | Time Analyzed | Hours Lapsed | Client Sample ID |
|---------------|-------------|---------------|---------------|--------------|---|
| EP3489-CC3465 | P81946.D | 01/20/14 | 18:47 | 00:12 | Continuing cal 25 |
| EP3489-CC3465 | P81947.D | 01/20/14 | 19:12 | 00:37 | Continuing cal 25 |
| OP72113-MB1 | P81948.D | 01/20/14 | 19:37 | 01:02 | Method Blank |
| OP72113-BS1 | P81949.D | 01/20/14 | 20:02 | 01:27 | Blank Spike |
| OP72113-MS | P81950.D | 01/20/14 | 20:26 | 01:51 | Matrix Spike |
| OP72113-MSD | P81951.D | 01/20/14 | 20:51 | 02:16 | Matrix Spike Duplicate |
| JB58122-2 | P81952.D | 01/20/14 | 21:16 | 02:41 | (used for QC only; not part of job JB57522) |
| ZZZZZZ | P81953.D | 01/20/14 | 21:41 | 03:06 | (unrelated sample) |
| ZZZZZZ | P81954.D | 01/20/14 | 22:07 | 03:32 | (unrelated sample) |
| ZZZZZZ | P81955.D | 01/20/14 | 22:32 | 03:57 | (unrelated sample) |
| ZZZZZZ | P81969.D | 01/20/14 | 22:57 | 04:22 | (unrelated sample) |
| ZZZZZZ | P81956.D | 01/20/14 | 23:22 | 04:47 | (unrelated sample) |
| ZZZZZZ | P81957.D | 01/20/14 | 23:47 | 05:12 | (unrelated sample) |
| ZZZZZZ | P81958.D | 01/21/14 | 00:12 | 05:37 | (unrelated sample) |
| JB58123-3 | P81959.D | 01/21/14 | 00:37 | 06:02 | SB-3 (0-2) |
| JB58123-4 | P81960.D | 01/21/14 | 01:02 | 06:27 | SB-3 (43-45) |
| JB58123-5 | P81961.D | 01/21/14 | 01:27 | 06:52 | SB-1 (0-2) |
| JB58123-6 | P81962.D | 01/21/14 | 01:52 | 07:17 | SB-1 (40-42) |
| JB58123-7 | P81963.D | 01/21/14 | 02:17 | 07:42 | SB-4 (0-2) |

7.4.12
7

Instrument Performance Check (DFTPP)

Job Number: JB57522
Account: AKRFNYNY AKRF
Project: Flushing Commons, Union Street, Flushing, NY

| | | | |
|----------------|--------------|-----------------|----------|
| Sample: | EP3489-DFTPP | Injection Date: | 01/20/14 |
| Lab File ID: | P81945.D | Injection Time: | 18:35 |
| Instrument ID: | GCMSP | | |

| Lab Sample ID | Lab File ID | Date Analyzed | Time Analyzed | Hours Lapsed | Client Sample ID |
|---------------|-------------|---------------|---------------|--------------|--------------------|
| JB58123-8 | P81964.D | 01/21/14 | 02:42 | 08:07 | SB-4 (28-30) |
| ZZZZZZ | P81965.D | 01/21/14 | 03:07 | 08:32 | (unrelated sample) |
| ZZZZZZ | P81966.D | 01/21/14 | 03:33 | 08:58 | (unrelated sample) |
| ZZZZZZ | P81967.D | 01/21/14 | 03:58 | 09:23 | (unrelated sample) |
| ZZZZZZ | P81968.D | 01/21/14 | 04:23 | 09:48 | (unrelated sample) |
| ZZZZZZ | P81970.D | 01/21/14 | 04:49 | 10:14 | (unrelated sample) |

7.4.12
7

Instrument Performance Check (DFTPP)

Job Number: JB57522
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| | |
|-----------------------|--------------------------|
| Sample: EP3490-DFTPP | Injection Date: 01/21/14 |
| Lab File ID: P81980.D | Injection Time: 11:17 |
| Instrument ID: GCMSP | |

| m/e | Ion Abundance Criteria | Raw Abundance | % Relative Abundance | Pass/Fail |
|-----|------------------------------------|---------------|--------------------------|-----------|
| 51 | 30.0 - 60.0% of mass 198 | 29176 | 30.4 | Pass |
| 68 | Less than 2.0% of mass 69 | 186 | 0.19 (0.43) ^a | Pass |
| 69 | Mass 69 relative abundance | 43482 | 45.3 | Pass |
| 70 | Less than 2.0% of mass 69 | 298 | 0.31 (0.69) ^a | Pass |
| 127 | 40.0 - 60.0% of mass 198 | 51282 | 53.4 | Pass |
| 197 | Less than 1.0% of mass 198 | 0 | 0.00 | Pass |
| 198 | Base peak, 100% relative abundance | 96010 | 100.0 | Pass |
| 199 | 5.0 - 9.0% of mass 198 | 6477 | 6.75 | Pass |
| 275 | 10.0 - 30.0% of mass 198 | 16851 | 17.6 | Pass |
| 365 | 1.0 - 100.0% of mass 198 | 1874 | 1.95 | Pass |
| 441 | Present, but less than mass 443 | 6497 | 6.77 (79.8) ^b | Pass |
| 442 | 40.0 - 100.0% of mass 198 | 44053 | 45.9 | Pass |
| 443 | 17.0 - 23.0% of mass 442 | 8146 | 8.48 (18.5) ^c | Pass |

- (a) Value is % of mass 69
- (b) Value is % of mass 443
- (c) Value is % of mass 442

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

| Lab Sample ID | Lab File ID | Date Analyzed | Time Analyzed | Hours Lapsed | Client Sample ID |
|---------------|-------------|---------------|---------------|--------------|------------------------|
| EP3490-CC3465 | P81981.D | 01/21/14 | 11:33 | 00:16 | Continuing cal 50 |
| EP3490-CC3465 | P81982.D | 01/21/14 | 12:01 | 00:44 | Continuing cal 50 |
| OP72142-MB1 | P81984.D | 01/21/14 | 12:53 | 01:36 | Method Blank |
| OP72142-BS1 | P81985.D | 01/21/14 | 13:18 | 02:01 | Blank Spike |
| ZZZZZZ | P81986.D | 01/21/14 | 13:44 | 02:27 | (unrelated sample) |
| ZZZZZZ | P81987.D | 01/21/14 | 14:09 | 02:52 | (unrelated sample) |
| ZZZZZZ | P81988.D | 01/21/14 | 14:35 | 03:18 | (unrelated sample) |
| ZZZZZZ | P81989.D | 01/21/14 | 15:00 | 03:43 | (unrelated sample) |
| OP72142-MS | P81990.D | 01/21/14 | 15:26 | 04:09 | Matrix Spike |
| OP72142-MSD | P81991.D | 01/21/14 | 15:51 | 04:34 | Matrix Spike Duplicate |
| ZZZZZZ | P81993.D | 01/21/14 | 16:42 | 05:25 | (unrelated sample) |
| JB58123-8 | P81994.D | 01/21/14 | 17:07 | 05:50 | SB-4 (28-30) |
| ZZZZZZ | P81995.D | 01/21/14 | 17:33 | 06:16 | (unrelated sample) |
| ZZZZZZ | P81996.D | 01/21/14 | 17:58 | 06:41 | (unrelated sample) |

7.4.13

7

Instrument Performance Check (DFTPP)

Job Number: JB57522
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| | | | |
|----------------|--------------|-----------------|----------|
| Sample: | EZ4394-DFTPP | Injection Date: | 01/14/14 |
| Lab File ID: | Z88044.D | Injection Time: | 16:23 |
| Instrument ID: | GCMSZ | | |

| m/e | Ion Abundance Criteria | Raw Abundance | % Relative Abundance | Pass/Fail |
|-----|------------------------------------|---------------|--------------------------|-----------|
| 51 | 30.0 - 60.0% of mass 198 | 46114 | 43.9 | Pass |
| 68 | Less than 2.0% of mass 69 | 0 | 0.00 (0.00) ^a | Pass |
| 69 | Mass 69 relative abundance | 53426 | 50.9 | Pass |
| 70 | Less than 2.0% of mass 69 | 194 | 0.18 (0.36) ^a | Pass |
| 127 | 40.0 - 60.0% of mass 198 | 59434 | 56.6 | Pass |
| 197 | Less than 1.0% of mass 198 | 0 | 0.00 | Pass |
| 198 | Base peak, 100% relative abundance | 105005 | 100.0 | Pass |
| 199 | 5.0 - 9.0% of mass 198 | 6549 | 6.24 | Pass |
| 275 | 10.0 - 30.0% of mass 198 | 30194 | 28.8 | Pass |
| 365 | 1.0 - 100.0% of mass 198 | 3787 | 3.61 | Pass |
| 441 | Present, but less than mass 443 | 12812 | 12.2 (76.5) ^b | Pass |
| 442 | 40.0 - 100.0% of mass 198 | 84605 | 80.6 | Pass |
| 443 | 17.0 - 23.0% of mass 442 | 16738 | 15.9 (19.8) ^c | Pass |

- (a) Value is % of mass 69
- (b) Value is % of mass 443
- (c) Value is % of mass 442

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

| Lab Sample ID | Lab File ID | Date Analyzed | Time Analyzed | Hours Lapsed | Client Sample ID |
|----------------|-------------|---------------|---------------|--------------|-----------------------------|
| EZ4394-ICC4394 | Z88045.D | 01/14/14 | 16:36 | 00:13 | Initial cal 50 |
| EZ4394-IC4394 | Z88046.D | 01/14/14 | 17:14 | 00:51 | Initial cal 100 |
| EZ4394-IC4394 | Z88047.D | 01/14/14 | 17:59 | 01:36 | Initial cal 1 |
| EZ4394-IC4394 | Z88048.D | 01/14/14 | 18:27 | 02:04 | Initial cal 80 |
| EZ4394-IC4394 | Z88049.D | 01/14/14 | 18:55 | 02:32 | Initial cal 2 |
| EZ4394-IC4394 | Z88050.D | 01/14/14 | 19:23 | 03:00 | Initial cal 25 |
| EZ4394-IC4394 | Z88051.D | 01/14/14 | 19:51 | 03:28 | Initial cal 5 |
| EZ4394-IC4394 | Z88052.D | 01/14/14 | 20:19 | 03:56 | Initial cal 10 |
| EZ4394-IC4394 | Z88053.D | 01/14/14 | 20:48 | 04:25 | Initial cal 100 |
| EZ4394-IC4394 | Z88054A.D | 01/14/14 | 23:22 | 06:59 | Initial cal 80 |
| EZ4394-IC4394 | Z88055.D | 01/14/14 | 23:51 | 07:28 | Initial cal 50 |
| EZ4394-IC4394 | Z88056.D | 01/15/14 | 00:18 | 07:55 | Initial cal 25 |
| EZ4394-IC4394 | Z88057.D | 01/15/14 | 00:47 | 08:24 | Initial cal 10 |
| EZ4394-IC4394 | Z88058.D | 01/15/14 | 01:15 | 08:52 | Initial cal 5 |
| EZ4394-IC4394 | Z88059.D | 01/15/14 | 01:43 | 09:20 | Initial cal 2 |
| EZ4394-IC4394 | Z88060.D | 01/15/14 | 02:11 | 09:48 | Initial cal 1 |
| EZ4394-ICV4394 | Z88061.D | 01/15/14 | 02:39 | 10:16 | Initial cal verification 50 |
| EZ4394-ICV4394 | Z88062.D | 01/15/14 | 03:07 | 10:44 | Initial cal verification 50 |
| EZ4394-ICV4394 | Z88063.D | 01/15/14 | 03:35 | 11:12 | Initial cal verification 50 |

7.4.14
7

Instrument Performance Check (DFTPP)

Job Number: JB57522

Account: AKRFNYNY AKRF

Project: Flushing Commons, Union Street, Flushing, NY

Sample: EZ4394-DFTPP

Injection Date: 01/14/14

Lab File ID: Z88044.D

Injection Time: 16:23

Instrument ID: GCMSZ

| Lab Sample ID | Lab File ID | Date Analyzed | Time Analyzed | Hours Lapsed | Client Sample ID |
|----------------|-------------|---------------|---------------|--------------|-----------------------------|
| EZ4394-ICV4394 | Z88064.D | 01/15/14 | 04:03 | 11:40 | Initial cal verification 50 |
| EZ4394-ICV4394 | Z88066.D | 01/15/14 | 04:59 | 12:36 | Initial cal verification 50 |
| EZ4394-ICV4394 | Z88067.D | 01/15/14 | 05:27 | 13:04 | Initial cal verification 50 |

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Instrument Performance Check (DFTPP)

Job Number: JB57522
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| | | | |
|----------------|--------------|-----------------|----------|
| Sample: | EZ4399-DFTPP | Injection Date: | 01/16/14 |
| Lab File ID: | Z88112.D | Injection Time: | 10:27 |
| Instrument ID: | GCMSZ | | |

| m/e | Ion Abundance Criteria | Raw Abundance | % Relative Abundance | Pass/Fail |
|-----|------------------------------------|---------------|--------------------------|-----------|
| 51 | 30.0 - 60.0% of mass 198 | 26093 | 36.2 | Pass |
| 68 | Less than 2.0% of mass 69 | 0 | 0.00 (0.00) ^a | Pass |
| 69 | Mass 69 relative abundance | 31078 | 43.2 | Pass |
| 70 | Less than 2.0% of mass 69 | 151 | 0.21 (0.49) ^a | Pass |
| 127 | 40.0 - 60.0% of mass 198 | 34782 | 48.3 | Pass |
| 197 | Less than 1.0% of mass 198 | 0 | 0.00 | Pass |
| 198 | Base peak, 100% relative abundance | 72002 | 100.0 | Pass |
| 199 | 5.0 - 9.0% of mass 198 | 5015 | 6.97 | Pass |
| 275 | 10.0 - 30.0% of mass 198 | 20722 | 28.8 | Pass |
| 365 | 1.0 - 100.0% of mass 198 | 2820 | 3.92 | Pass |
| 441 | Present, but less than mass 443 | 10278 | 14.3 (82.5) ^b | Pass |
| 442 | 40.0 - 100.0% of mass 198 | 63146 | 87.7 | Pass |
| 443 | 17.0 - 23.0% of mass 442 | 12461 | 17.3 (19.7) ^c | Pass |

- (a) Value is % of mass 69
- (b) Value is % of mass 443
- (c) Value is % of mass 442

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

| Lab Sample ID | Lab File ID | Date Analyzed | Time Analyzed | Hours Lapsed | Client Sample ID |
|---------------|-------------|---------------|---------------|--------------|---|
| EZ4399-CC4394 | Z88113.D | 01/16/14 | 10:39 | 00:12 | Continuing cal 25 |
| EZ4399-CC4394 | Z88115.D | 01/16/14 | 11:34 | 01:07 | Continuing cal 25 |
| OP72024-MB1 | Z88116.D | 01/16/14 | 12:02 | 01:35 | Method Blank |
| OP72024-BS1 | Z88117.D | 01/16/14 | 12:30 | 02:03 | Blank Spike |
| OP72054-MB1 | Z88118.D | 01/16/14 | 12:58 | 02:31 | Method Blank |
| OP72054-BS1 | Z88119.D | 01/16/14 | 13:26 | 02:59 | Blank Spike |
| OP72006-MB1 | Z88131.D | 01/16/14 | 13:54 | 03:27 | Method Blank |
| ZZZZZZ | Z88120.D | 01/16/14 | 14:22 | 03:55 | (unrelated sample) |
| ZZZZZZ | Z88132.D | 01/16/14 | 14:50 | 04:23 | (unrelated sample) |
| ZZZZZZ | Z88133.D | 01/16/14 | 15:18 | 04:51 | (unrelated sample) |
| JB57675-20 | Z88121.D | 01/16/14 | 15:46 | 05:19 | (used for QC only; not part of job JB57522) |
| ZZZZZZ | Z88122.D | 01/16/14 | 16:14 | 05:47 | (unrelated sample) |
| JB57666-1 | Z88123.D | 01/16/14 | 16:42 | 06:15 | SB-2 (0-2) |
| JB57666-2 | Z88124.D | 01/16/14 | 17:10 | 06:43 | SB-2 (48-50) |
| ZZZZZZ | Z88125.D | 01/16/14 | 17:38 | 07:11 | (unrelated sample) |
| ZZZZZZ | Z88126.D | 01/16/14 | 18:06 | 07:39 | (unrelated sample) |
| ZZZZZZ | Z88127.D | 01/16/14 | 18:34 | 08:07 | (unrelated sample) |
| ZZZZZZ | Z88128.D | 01/16/14 | 19:02 | 08:35 | (unrelated sample) |
| OP72024-MS | Z88129.D | 01/16/14 | 19:30 | 09:03 | Matrix Spike |

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Instrument Performance Check (DFTPP)

Job Number: JB57522
Account: AKRFNYNY AKRF
Project: Flushing Commons, Union Street, Flushing, NY

| | |
|------------------------------|---------------------------------|
| Sample: EZ4399-DFTPP | Injection Date: 01/16/14 |
| Lab File ID: Z88112.D | Injection Time: 10:27 |
| Instrument ID: GCMSZ | |

| Lab Sample ID | Lab File ID | Date Analyzed | Time Analyzed | Hours Lapsed | Client Sample ID |
|---------------|-------------|---------------|---------------|--------------|------------------------|
| OP72024-MSD | Z88130.D | 01/16/14 | 19:58 | 09:31 | Matrix Spike Duplicate |

7.4.15
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Instrument Performance Check (DFTPP)

Job Number: JB57522
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| | | | |
|----------------|--------------|-----------------|----------|
| Sample: | EZ4400-DFTPP | Injection Date: | 01/16/14 |
| Lab File ID: | Z88134.D | Injection Time: | 22:07 |
| Instrument ID: | GCMSZ | | |

| m/e | Ion Abundance Criteria | Raw Abundance | % Relative Abundance | Pass/Fail |
|-----|------------------------------------|---------------|--------------------------|-----------|
| 51 | 30.0 - 60.0% of mass 198 | 47389 | 38.4 | Pass |
| 68 | Less than 2.0% of mass 69 | 0 | 0.00 (0.00) ^a | Pass |
| 69 | Mass 69 relative abundance | 57412 | 46.5 | Pass |
| 70 | Less than 2.0% of mass 69 | 209 | 0.17 (0.36) ^a | Pass |
| 127 | 40.0 - 60.0% of mass 198 | 61069 | 49.5 | Pass |
| 197 | Less than 1.0% of mass 198 | 0 | 0.00 | Pass |
| 198 | Base peak, 100% relative abundance | 123450 | 100.0 | Pass |
| 199 | 5.0 - 9.0% of mass 198 | 8703 | 7.05 | Pass |
| 275 | 10.0 - 30.0% of mass 198 | 34989 | 28.3 | Pass |
| 365 | 1.0 - 100.0% of mass 198 | 3801 | 3.08 | Pass |
| 441 | Present, but less than mass 443 | 15444 | 12.5 (78.1) ^b | Pass |
| 442 | 40.0 - 100.0% of mass 198 | 102298 | 82.9 | Pass |
| 443 | 17.0 - 23.0% of mass 442 | 19762 | 16.0 (19.3) ^c | Pass |

- (a) Value is % of mass 69
- (b) Value is % of mass 443
- (c) Value is % of mass 442

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

| Lab Sample ID | Lab File ID | Date Analyzed | Time Analyzed | Hours Lapsed | Client Sample ID |
|---------------|-------------|---------------|---------------|--------------|---|
| EZ4400-CC4394 | Z88136.D | 01/16/14 | 22:47 | 00:40 | Continuing cal 50 |
| EZ4400-CC4394 | Z88137.D | 01/16/14 | 23:18 | 01:11 | Continuing cal 50 |
| JB57834-1 | Z88138.D | 01/16/14 | 23:46 | 01:39 | SB-8 (0-2) |
| JB57834-2 | Z88139.D | 01/17/14 | 00:14 | 02:07 | SB-8 (49-51) |
| JB57834-3 | Z88140.D | 01/17/14 | 00:42 | 02:35 | SB-7 (0-2) |
| JB57834-4 | Z88141.D | 01/17/14 | 01:10 | 03:03 | SB-7 (49-51) |
| JB57834-5 | Z88142.D | 01/17/14 | 01:38 | 03:31 | SB-7B (49-51) |
| ZZZZZZ | Z88143.D | 01/17/14 | 02:07 | 04:00 | (unrelated sample) |
| ZZZZZZ | Z88144.D | 01/17/14 | 02:35 | 04:28 | (unrelated sample) |
| ZZZZZZ | Z88145.D | 01/17/14 | 03:03 | 04:56 | (unrelated sample) |
| ZZZZZZ | Z88146.D | 01/17/14 | 03:31 | 05:24 | (unrelated sample) |
| ZZZZZZ | Z88147.D | 01/17/14 | 03:59 | 05:52 | (unrelated sample) |
| ZZZZZZ | Z88148.D | 01/17/14 | 04:27 | 06:20 | (unrelated sample) |
| ZZZZZZ | Z88149.D | 01/17/14 | 04:55 | 06:48 | (unrelated sample) |
| ZZZZZZ | Z88150.D | 01/17/14 | 05:24 | 07:17 | (unrelated sample) |
| ZZZZZZ | Z88151.D | 01/17/14 | 05:52 | 07:45 | (unrelated sample) |
| JB57808-9 | Z88152.D | 01/17/14 | 06:20 | 08:13 | (used for QC only; not part of job JB57522) |
| OP72054-MS | Z88153.D | 01/17/14 | 06:47 | 08:40 | Matrix Spike |
| OP72054-MSD | Z88154.D | 01/17/14 | 07:15 | 09:08 | Matrix Spike Duplicate |

7.4.16
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Semivolatle Surrogate Recovery Summary

Job Number: JB57522
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| | |
|---------------------|------------|
| Method: SW846 8270D | Matrix: SO |
|---------------------|------------|

Samples and QC shown here apply to the above method

| Lab Sample ID | Lab File ID | S1 | S2 | S3 | S4 | S5 | S6 |
|---------------|-------------|-------|-------|----------|----------|-------|-------|
| JB57522-1 | M101005.D | 84.0 | 79.0 | 71.0 | 82.0 | 78.0 | 85.0 |
| JB57522-2 | M101006.D | 84.0 | 82.0 | 78.0 | 76.0 | 77.0 | 90.0 |
| JB57522-3 | M101007.D | 90.0 | 89.0 | 76.0 | 91.0 | 90.0 | 99.0 |
| JB57522-4 | M101008.D | 83.0 | 79.0 | 74.0 | 79.0 | 76.0 | 90.0 |
| JB57666-1 | Z88123.D | 88.0 | 78.0 | 73.0 | 82.0 | 78.0 | 83.0 |
| JB57666-2 | Z88124.D | 90.0 | 82.0 | 79.0 | 83.0 | 80.0 | 89.0 |
| JB57834-1 | Z88138.D | 82.0 | 72.0 | 82.0 | 71.0 | 69.0 | 90.0 |
| JB57834-2 | Z88139.D | 91.0 | 79.0 | 80.0 | 69.0 | 69.0 | 74.0 |
| JB57834-3 | Z88140.D | 84.0 | 73.0 | 86.0 | 72.0 | 72.0 | 90.0 |
| JB57834-4 | Z88141.D | 98.0 | 85.0 | 97.0 | 86.0 | 83.0 | 100.0 |
| JB57834-5 | Z88142.D | 98.0 | 85.0 | 80.0 | 72.0 | 70.0 | 78.0 |
| JB58123-3 | P81959.D | 78.0 | 74.0 | 73.0 | 72.0 | 77.0 | 87.0 |
| JB58123-4 | P81960.D | 70.0 | 66.0 | 86.0 | 62.0 | 69.0 | 87.0 |
| JB58123-5 | P81961.D | 69.0 | 65.0 | 77.0 | 65.0 | 73.0 | 79.0 |
| JB58123-6 | P81962.D | 73.0 | 69.0 | 82.0 | 74.0 | 78.0 | 88.0 |
| JB58123-7 | P81963.D | 64.0 | 62.0 | 77.0 | 61.0 | 67.0 | 82.0 |
| JB58123-8 | P81964.D | 60.0 | 62.0 | 86.0 | 52.0 | 72.0 | 80.0 |
| JB58123-8 | P81994.D | 62.0 | 65.0 | 83.0 | 49.0 | 71.0 | 83.0 |
| JB58216-1 | 3P28711.D | 58.0 | 61.0 | 48.0 | 56.0 | 63.0 | 79.0 |
| JB58216-2 | 3P28712.D | 74.0 | 76.0 | 66.0 | 72.0 | 76.0 | 93.0 |
| JB58216-3 | 3P28713.D | 79.0 | 81.0 | 71.0 | 75.0 | 77.0 | 91.0 |
| JB58216-4 | 3P28714.D | 80.0 | 81.0 | 69.0 | 74.0 | 77.0 | 89.0 |
| OP71995-BS1 | M101000.D | 91.0 | 86.0 | 81.0 | 89.0 | 85.0 | 98.0 |
| OP71995-MB1 | M100999.D | 92.0 | 84.0 | 76.0 | 90.0 | 84.0 | 92.0 |
| OP71995-MB1 | 3P28479.D | 78.0 | 76.0 | 87.0 | 79.0 | 82.0 | 100.0 |
| OP71995-MS | M101013.D | 51.0 | 108.0 | 153.0* a | 321.0* a | 109.0 | 107.0 |
| OP71995-MSD | M101014.D | 50.0 | 96.0 | 142.0* a | 317.0* a | 102.0 | 94.0 |
| OP72024-BS1 | Z88117.D | 80.0 | 71.0 | 92.0 | 72.0 | 73.0 | 93.0 |
| OP72024-MB1 | 2P32601.D | 70.0 | 68.0 | 87.0 | 89.0 | 87.0 | 98.0 |
| OP72024-MB1 | Z88116.D | 89.0 | 78.0 | 78.0 | 83.0 | 83.0 | 97.0 |
| OP72024-MS | Z88129.D | 76.0 | 67.0 | 64.0 | 68.0 | 63.0 | 64.0 |
| OP72024-MSD | Z88130.D | 69.0 | 61.0 | 60.0 | 62.0 | 57.0 | 61.0 |
| OP72054-BS1 | Z88119.D | 98.0 | 85.0 | 91.0 | 87.0 | 81.0 | 91.0 |
| OP72054-MB1 | Z88118.D | 102.0 | 87.0 | 92.0 | 91.0 | 88.0 | 97.0 |
| OP72054-MS | Z88153.D | 82.0 | 75.0 | 99.0 | 70.0 | 75.0 | 94.0 |
| OP72054-MSD | Z88154.D | 77.0 | 69.0 | 77.0 | 66.0 | 67.0 | 71.0 |
| OP72113-BS1 | P81949.D | 80.0 | 71.0 | 103.0 | 80.0 | 80.0 | 88.0 |
| OP72113-MB1 | P81948.D | 84.0 | 76.0 | 103.0 | 78.0 | 84.0 | 90.0 |
| OP72113-MS | P81950.D | 78.0 | 70.0 | 105.0 | 76.0 | 80.0 | 95.0 |
| OP72113-MSD | P81951.D | 69.0 | 65.0 | 92.0 | 68.0 | 72.0 | 91.0 |

7.5.1
7

Semivolatiles Surrogate Recovery Summary

Job Number: JB57522

Account: AKRFNYNY AKRF

Project: Flushing Commons, Union Street, Flushing, NY

Method: SW846 8270D

Matrix: SO

Samples and QC shown here apply to the above method

| Lab Sample ID | Lab File ID | S1 | S2 | S3 | S4 | S5 | S6 |
|---------------|-------------|------|------|-------|------|------|-------|
| OP72149-BS1 | 3P28705.D | 87.0 | 88.0 | 105.0 | 69.0 | 80.0 | 98.0 |
| OP72149-MB1 | 3P28704.D | 85.0 | 86.0 | 95.0 | 79.0 | 84.0 | 95.0 |
| OP72149-MB1 | 2P32781.D | 75.0 | 74.0 | 98.0 | 95.0 | 92.0 | 100.0 |
| OP72149-MS | 3P28723.D | 80.0 | 81.0 | 79.0 | 71.0 | 74.0 | 85.0 |
| OP72149-MSD | 3P28724.D | 80.0 | 83.0 | 72.0 | 68.0 | 72.0 | 76.0 |

Surrogate Compounds Recovery Limits

| | |
|---------------------------|---------|
| S1 = 2-Fluorophenol | 13-110% |
| S2 = Phenol-d5 | 15-110% |
| S3 = 2,4,6-Tribromophenol | 20-123% |
| S4 = Nitrobenzene-d5 | 10-110% |
| S5 = 2-Fluorobiphenyl | 17-110% |
| S6 = Terphenyl-d14 | 30-124% |

(a) Outside control limits due to matrix interference.

7.5.1
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GC Semi-volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Surrogate Recovery Summaries

Method Blank Summary

Job Number: JB57522
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|-----------|----|----------|----|-----------|------------|------------------|
| OP71989-MB1 | 4G40132.D | 1 | 01/14/14 | DG | 01/14/14 | OP71989 | G4G1001 |

The QC reported here applies to the following samples: Method: SW846 8081B

JB57522-1, JB57522-2, JB57522-3, JB57522-4

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|---------------------|--------|------|------|-------|---|
| 309-00-2 | Aldrin | ND | 0.67 | 0.31 | ug/kg | |
| 319-84-6 | alpha-BHC | ND | 0.67 | 0.20 | ug/kg | |
| 319-85-7 | beta-BHC | ND | 0.67 | 0.42 | ug/kg | |
| 319-86-8 | delta-BHC | ND | 0.67 | 0.33 | ug/kg | |
| 58-89-9 | gamma-BHC (Lindane) | ND | 0.67 | 0.33 | ug/kg | |
| 5103-71-9 | alpha-Chlordane | ND | 0.67 | 0.25 | ug/kg | |
| 5103-74-2 | gamma-Chlordane | ND | 0.67 | 0.46 | ug/kg | |
| 60-57-1 | Dieldrin | ND | 0.67 | 0.26 | ug/kg | |
| 72-54-8 | 4,4'-DDD | ND | 0.67 | 0.36 | ug/kg | |
| 72-55-9 | 4,4'-DDE | ND | 0.67 | 0.27 | ug/kg | |
| 50-29-3 | 4,4'-DDT | ND | 0.67 | 0.33 | ug/kg | |
| 72-20-8 | Endrin | ND | 0.67 | 0.22 | ug/kg | |
| 1031-07-8 | Endosulfan sulfate | ND | 0.67 | 0.29 | ug/kg | |
| 7421-93-4 | Endrin aldehyde | ND | 0.67 | 0.35 | ug/kg | |
| 959-98-8 | Endosulfan-I | ND | 0.67 | 0.25 | ug/kg | |
| 33213-65-9 | Endosulfan-II | ND | 0.67 | 0.40 | ug/kg | |
| 76-44-8 | Heptachlor | ND | 0.67 | 0.32 | ug/kg | |
| 1024-57-3 | Heptachlor epoxide | ND | 0.67 | 0.25 | ug/kg | |
| 72-43-5 | Methoxychlor | ND | 1.3 | 0.65 | ug/kg | |
| 53494-70-5 | Endrin ketone | ND | 0.67 | 0.27 | ug/kg | |
| 8001-35-2 | Toxaphene | ND | 17 | 8.4 | ug/kg | |

| CAS No. | Surrogate Recoveries | Limits | |
|-----------|----------------------|--------|---------|
| 877-09-8 | Tetrachloro-m-xylene | 109% | 10-147% |
| 877-09-8 | Tetrachloro-m-xylene | 100% | 10-147% |
| 2051-24-3 | Decachlorobiphenyl | 89% | 10-154% |
| 2051-24-3 | Decachlorobiphenyl | 93% | 10-154% |

8.1.1
8

Method Blank Summary

Job Number: JB57522
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------------|-----------|----|----------|----|-----------|------------|------------------|
| OP71989-MB11 | 4G40140.D | 1 | 01/15/14 | DG | 01/14/14 | OP71989 | G4G1002 |

The QC reported here applies to the following samples:

Method: SW846 8081B

JB57522-1, JB57522-2, JB57522-3, JB57522-4

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|---------------------|--------|-------|-------|-------|---|
| 309-00-2 | Aldrin | ND | 0.067 | 0.031 | ug/kg | |
| 319-84-6 | alpha-BHC | ND | 0.067 | 0.020 | ug/kg | |
| 319-85-7 | beta-BHC | ND | 0.067 | 0.042 | ug/kg | |
| 319-86-8 | delta-BHC | ND | 0.067 | 0.033 | ug/kg | |
| 58-89-9 | gamma-BHC (Lindane) | ND | 0.067 | 0.033 | ug/kg | |
| 5103-71-9 | alpha-Chlordane | ND | 0.067 | 0.025 | ug/kg | |
| 5103-74-2 | gamma-Chlordane | ND | 0.067 | 0.046 | ug/kg | |
| 60-57-1 | Dieldrin | ND | 0.067 | 0.026 | ug/kg | |
| 72-54-8 | 4,4'-DDD | ND | 0.067 | 0.036 | ug/kg | |
| 72-55-9 | 4,4'-DDE | ND | 0.067 | 0.027 | ug/kg | |
| 50-29-3 | 4,4'-DDT | ND | 0.067 | 0.033 | ug/kg | |
| 72-20-8 | Endrin | ND | 0.067 | 0.022 | ug/kg | |
| 1031-07-8 | Endosulfan sulfate | ND | 0.067 | 0.029 | ug/kg | |
| 7421-93-4 | Endrin aldehyde | ND | 0.067 | 0.035 | ug/kg | |
| 959-98-8 | Endosulfan-I | ND | 0.067 | 0.025 | ug/kg | |
| 33213-65-9 | Endosulfan-II | ND | 0.067 | 0.040 | ug/kg | |
| 76-44-8 | Heptachlor | ND | 0.067 | 0.032 | ug/kg | |
| 1024-57-3 | Heptachlor epoxide | ND | 0.067 | 0.025 | ug/kg | |
| 72-43-5 | Methoxychlor | ND | 0.13 | 0.065 | ug/kg | |
| 53494-70-5 | Endrin ketone | ND | 0.067 | 0.027 | ug/kg | |
| 8001-35-2 | Toxaphene | ND | 1.7 | 0.84 | ug/kg | |

| CAS No. | Surrogate Recoveries | Limits | |
|-----------|----------------------|--------|---------|
| 877-09-8 | Tetrachloro-m-xylene | 102% | 10-147% |
| 877-09-8 | Tetrachloro-m-xylene | 95% | 10-147% |
| 2051-24-3 | Decachlorobiphenyl | 75% | 10-154% |
| 2051-24-3 | Decachlorobiphenyl | 66% | 10-154% |

Method Blank Summary

Job Number: JB57522
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|-----------|----|----------|----|-----------|------------|------------------|
| OP72022-MB1 | 1G98501.D | 1 | 01/15/14 | JN | 01/15/14 | OP72022 | G1G3232 |

The QC reported here applies to the following samples:

Method: SW846 8081B

JB57666-1, JB57666-2

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|---------------------|--------|------|------|-------|---|
| 309-00-2 | Aldrin | ND | 0.67 | 0.31 | ug/kg | |
| 319-84-6 | alpha-BHC | ND | 0.67 | 0.20 | ug/kg | |
| 319-85-7 | beta-BHC | ND | 0.67 | 0.42 | ug/kg | |
| 319-86-8 | delta-BHC | ND | 0.67 | 0.33 | ug/kg | |
| 58-89-9 | gamma-BHC (Lindane) | ND | 0.67 | 0.33 | ug/kg | |
| 5103-71-9 | alpha-Chlordane | ND | 0.67 | 0.25 | ug/kg | |
| 5103-74-2 | gamma-Chlordane | ND | 0.67 | 0.46 | ug/kg | |
| 60-57-1 | Dieldrin | ND | 0.67 | 0.26 | ug/kg | |
| 72-54-8 | 4,4'-DDD | ND | 0.67 | 0.36 | ug/kg | |
| 72-55-9 | 4,4'-DDE | ND | 0.67 | 0.27 | ug/kg | |
| 50-29-3 | 4,4'-DDT | ND | 0.67 | 0.33 | ug/kg | |
| 72-20-8 | Endrin | ND | 0.67 | 0.22 | ug/kg | |
| 1031-07-8 | Endosulfan sulfate | ND | 0.67 | 0.29 | ug/kg | |
| 7421-93-4 | Endrin aldehyde | ND | 0.67 | 0.35 | ug/kg | |
| 959-98-8 | Endosulfan-I | ND | 0.67 | 0.25 | ug/kg | |
| 33213-65-9 | Endosulfan-II | ND | 0.67 | 0.40 | ug/kg | |
| 76-44-8 | Heptachlor | ND | 0.67 | 0.32 | ug/kg | |
| 1024-57-3 | Heptachlor epoxide | ND | 0.67 | 0.25 | ug/kg | |
| 72-43-5 | Methoxychlor | ND | 1.3 | 0.65 | ug/kg | |
| 53494-70-5 | Endrin ketone | ND | 0.67 | 0.27 | ug/kg | |
| 8001-35-2 | Toxaphene | ND | 17 | 8.4 | ug/kg | |

| CAS No. | Surrogate Recoveries | Limits | |
|-----------|----------------------|--------|---------|
| 877-09-8 | Tetrachloro-m-xylene | 125% | 10-147% |
| 877-09-8 | Tetrachloro-m-xylene | 114% | 10-147% |
| 2051-24-3 | Decachlorobiphenyl | 153% | 10-154% |
| 2051-24-3 | Decachlorobiphenyl | 149% | 10-154% |

Method Blank Summary

Job Number: JB57522
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| | | | | | | | |
|--------------|-----------|----|----------|----|-----------|------------|------------------|
| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
| OP72022-MB11 | 4G40189.D | 1 | 01/16/14 | DG | 01/15/14 | OP72022 | G4G1003 |

The QC reported here applies to the following samples: Method: SW846 8081B

JB57666-1, JB57666-2

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|---------------------|--------|-------|-------|-------|---|
| 309-00-2 | Aldrin | ND | 0.067 | 0.031 | ug/kg | |
| 319-84-6 | alpha-BHC | ND | 0.067 | 0.020 | ug/kg | |
| 319-85-7 | beta-BHC | ND | 0.067 | 0.042 | ug/kg | |
| 319-86-8 | delta-BHC | ND | 0.067 | 0.033 | ug/kg | |
| 58-89-9 | gamma-BHC (Lindane) | ND | 0.067 | 0.033 | ug/kg | |
| 5103-71-9 | alpha-Chlordane | ND | 0.067 | 0.025 | ug/kg | |
| 5103-74-2 | gamma-Chlordane | ND | 0.067 | 0.046 | ug/kg | |
| 60-57-1 | Dieldrin | ND | 0.067 | 0.026 | ug/kg | |
| 72-54-8 | 4,4'-DDD | ND | 0.067 | 0.036 | ug/kg | |
| 72-55-9 | 4,4'-DDE | ND | 0.067 | 0.027 | ug/kg | |
| 50-29-3 | 4,4'-DDT | ND | 0.067 | 0.033 | ug/kg | |
| 72-20-8 | Endrin | ND | 0.067 | 0.022 | ug/kg | |
| 1031-07-8 | Endosulfan sulfate | ND | 0.067 | 0.029 | ug/kg | |
| 7421-93-4 | Endrin aldehyde | ND | 0.067 | 0.035 | ug/kg | |
| 959-98-8 | Endosulfan-I | ND | 0.067 | 0.025 | ug/kg | |
| 33213-65-9 | Endosulfan-II | ND | 0.067 | 0.040 | ug/kg | |
| 76-44-8 | Heptachlor | ND | 0.067 | 0.032 | ug/kg | |
| 1024-57-3 | Heptachlor epoxide | ND | 0.067 | 0.025 | ug/kg | |
| 72-43-5 | Methoxychlor | ND | 0.13 | 0.065 | ug/kg | |
| 53494-70-5 | Endrin ketone | ND | 0.067 | 0.027 | ug/kg | |
| 8001-35-2 | Toxaphene | ND | 1.7 | 0.84 | ug/kg | |

| CAS No. | Surrogate Recoveries | Limits | |
|-----------|----------------------|--------|---------|
| 877-09-8 | Tetrachloro-m-xylene | 99% | 10-147% |
| 877-09-8 | Tetrachloro-m-xylene | 100% | 10-147% |
| 2051-24-3 | Decachlorobiphenyl | 89% | 10-154% |
| 2051-24-3 | Decachlorobiphenyl | 96% | 10-154% |

8.1.4
8

Method Blank Summary

Job Number: JB57522
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------------|-----------|----|----------|----|-----------|------------|------------------|
| OP72052-MB11 | 4G40244.D | 1 | 01/17/14 | DG | 01/16/14 | OP72052 | G4G1004 |

The QC reported here applies to the following samples: Method: SW846 8081B

JB57834-1, JB57834-2, JB57834-3, JB57834-4, JB57834-5

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|---------------------|--------|-------|-------|-------|---|
| 309-00-2 | Aldrin | ND | 0.067 | 0.031 | ug/kg | |
| 319-84-6 | alpha-BHC | ND | 0.067 | 0.020 | ug/kg | |
| 319-85-7 | beta-BHC | ND | 0.067 | 0.042 | ug/kg | |
| 319-86-8 | delta-BHC | ND | 0.067 | 0.033 | ug/kg | |
| 58-89-9 | gamma-BHC (Lindane) | ND | 0.067 | 0.033 | ug/kg | |
| 5103-71-9 | alpha-Chlordane | ND | 0.067 | 0.025 | ug/kg | |
| 5103-74-2 | gamma-Chlordane | ND | 0.067 | 0.046 | ug/kg | |
| 60-57-1 | Dieldrin | ND | 0.067 | 0.026 | ug/kg | |
| 72-54-8 | 4,4'-DDD | ND | 0.067 | 0.036 | ug/kg | |
| 72-55-9 | 4,4'-DDE | ND | 0.067 | 0.027 | ug/kg | |
| 50-29-3 | 4,4'-DDT | ND | 0.067 | 0.033 | ug/kg | |
| 72-20-8 | Endrin | ND | 0.067 | 0.022 | ug/kg | |
| 1031-07-8 | Endosulfan sulfate | ND | 0.067 | 0.029 | ug/kg | |
| 7421-93-4 | Endrin aldehyde | ND | 0.067 | 0.035 | ug/kg | |
| 959-98-8 | Endosulfan-I | ND | 0.067 | 0.025 | ug/kg | |
| 33213-65-9 | Endosulfan-II | ND | 0.067 | 0.040 | ug/kg | |
| 76-44-8 | Heptachlor | ND | 0.067 | 0.032 | ug/kg | |
| 1024-57-3 | Heptachlor epoxide | ND | 0.067 | 0.025 | ug/kg | |
| 72-43-5 | Methoxychlor | ND | 0.13 | 0.065 | ug/kg | |
| 53494-70-5 | Endrin ketone | ND | 0.067 | 0.027 | ug/kg | |
| 8001-35-2 | Toxaphene | ND | 1.7 | 0.84 | ug/kg | |

| CAS No. | Surrogate Recoveries | Limits | |
|-----------|----------------------|--------|---------|
| 877-09-8 | Tetrachloro-m-xylene | 91% | 10-147% |
| 877-09-8 | Tetrachloro-m-xylene | 93% | 10-147% |
| 2051-24-3 | Decachlorobiphenyl | 74% | 10-154% |
| 2051-24-3 | Decachlorobiphenyl | 86% | 10-154% |

Method Blank Summary

Job Number: JB57522
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|----------|----|----------|----|-----------|------------|------------------|
| OP72052-MB1 | 6G8366.D | 1 | 01/20/14 | JN | 01/16/14 | OP72052 | G6G237 |

The QC reported here applies to the following samples: Method: SW846 8081B

JB57834-1, JB57834-2, JB57834-3, JB57834-4, JB57834-5

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|---------------------|--------|------|------|-------|---|
| 309-00-2 | Aldrin | ND | 0.67 | 0.31 | ug/kg | |
| 319-84-6 | alpha-BHC | ND | 0.67 | 0.20 | ug/kg | |
| 319-85-7 | beta-BHC | ND | 0.67 | 0.42 | ug/kg | |
| 319-86-8 | delta-BHC | ND | 0.67 | 0.33 | ug/kg | |
| 58-89-9 | gamma-BHC (Lindane) | ND | 0.67 | 0.33 | ug/kg | |
| 5103-71-9 | alpha-Chlordane | ND | 0.67 | 0.25 | ug/kg | |
| 5103-74-2 | gamma-Chlordane | ND | 0.67 | 0.46 | ug/kg | |
| 60-57-1 | Dieldrin | ND | 0.67 | 0.26 | ug/kg | |
| 72-54-8 | 4,4'-DDD | ND | 0.67 | 0.36 | ug/kg | |
| 72-55-9 | 4,4'-DDE | ND | 0.67 | 0.27 | ug/kg | |
| 50-29-3 | 4,4'-DDT | ND | 0.67 | 0.33 | ug/kg | |
| 72-20-8 | Endrin | ND | 0.67 | 0.22 | ug/kg | |
| 1031-07-8 | Endosulfan sulfate | ND | 0.67 | 0.29 | ug/kg | |
| 7421-93-4 | Endrin aldehyde | ND | 0.67 | 0.35 | ug/kg | |
| 959-98-8 | Endosulfan-I | ND | 0.67 | 0.25 | ug/kg | |
| 33213-65-9 | Endosulfan-II | ND | 0.67 | 0.40 | ug/kg | |
| 76-44-8 | Heptachlor | ND | 0.67 | 0.32 | ug/kg | |
| 1024-57-3 | Heptachlor epoxide | ND | 0.67 | 0.25 | ug/kg | |
| 72-43-5 | Methoxychlor | ND | 1.3 | 0.65 | ug/kg | |
| 53494-70-5 | Endrin ketone | ND | 0.67 | 0.27 | ug/kg | |
| 8001-35-2 | Toxaphene | ND | 17 | 8.4 | ug/kg | |

| CAS No. | Surrogate Recoveries | Limits | |
|-----------|----------------------|--------|---------|
| 877-09-8 | Tetrachloro-m-xylene | 116% | 10-147% |
| 877-09-8 | Tetrachloro-m-xylene | 107% | 10-147% |
| 2051-24-3 | Decachlorobiphenyl | 107% | 10-154% |
| 2051-24-3 | Decachlorobiphenyl | 113% | 10-154% |

8.1.6
8

Method Blank Summary

Job Number: JB57522
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|-----------|----|----------|----|-----------|------------|------------------|
| OP72115-MB1 | 1G98609.D | 1 | 01/20/14 | JN | 01/20/14 | OP72115 | G1G3235 |

The QC reported here applies to the following samples: Method: SW846 8081B

JB58123-3, JB58123-4, JB58123-5, JB58123-6, JB58123-7, JB58123-8

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|---------------------|--------|------|------|-------|---|
| 309-00-2 | Aldrin | ND | 0.67 | 0.31 | ug/kg | |
| 319-84-6 | alpha-BHC | ND | 0.67 | 0.20 | ug/kg | |
| 319-85-7 | beta-BHC | ND | 0.67 | 0.42 | ug/kg | |
| 319-86-8 | delta-BHC | ND | 0.67 | 0.33 | ug/kg | |
| 58-89-9 | gamma-BHC (Lindane) | ND | 0.67 | 0.33 | ug/kg | |
| 5103-71-9 | alpha-Chlordane | ND | 0.67 | 0.25 | ug/kg | |
| 5103-74-2 | gamma-Chlordane | ND | 0.67 | 0.46 | ug/kg | |
| 60-57-1 | Dieldrin | ND | 0.67 | 0.26 | ug/kg | |
| 72-54-8 | 4,4'-DDD | ND | 0.67 | 0.36 | ug/kg | |
| 72-55-9 | 4,4'-DDE | ND | 0.67 | 0.27 | ug/kg | |
| 50-29-3 | 4,4'-DDT | ND | 0.67 | 0.33 | ug/kg | |
| 72-20-8 | Endrin | ND | 0.67 | 0.22 | ug/kg | |
| 1031-07-8 | Endosulfan sulfate | ND | 0.67 | 0.29 | ug/kg | |
| 7421-93-4 | Endrin aldehyde | ND | 0.67 | 0.35 | ug/kg | |
| 959-98-8 | Endosulfan-I | ND | 0.67 | 0.25 | ug/kg | |
| 33213-65-9 | Endosulfan-II | ND | 0.67 | 0.40 | ug/kg | |
| 76-44-8 | Heptachlor | ND | 0.67 | 0.32 | ug/kg | |
| 1024-57-3 | Heptachlor epoxide | ND | 0.67 | 0.25 | ug/kg | |
| 72-43-5 | Methoxychlor | ND | 1.3 | 0.65 | ug/kg | |
| 53494-70-5 | Endrin ketone | ND | 0.67 | 0.27 | ug/kg | |
| 8001-35-2 | Toxaphene | ND | 17 | 8.4 | ug/kg | |

| CAS No. | Surrogate Recoveries | Limits | |
|-----------|----------------------|--------|---------|
| 877-09-8 | Tetrachloro-m-xylene | 89% | 10-147% |
| 877-09-8 | Tetrachloro-m-xylene | 84% | 10-147% |
| 2051-24-3 | Decachlorobiphenyl | 94% | 10-154% |
| 2051-24-3 | Decachlorobiphenyl | 102% | 10-154% |

Method Blank Summary

Job Number: JB57522
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| | | | | | | | |
|--------------|-----------|----|----------|----|-----------|------------|------------------|
| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
| OP72115-MB11 | 1G98690.D | 1 | 01/22/14 | JN | 01/20/14 | OP72115 | G1G3237 |

The QC reported here applies to the following samples: Method: SW846 8081B

JB58123-3, JB58123-4, JB58123-5, JB58123-6, JB58123-7, JB58123-8

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|---------------------|--------|-------|-------|-------|---|
| 309-00-2 | Aldrin | ND | 0.067 | 0.031 | ug/kg | |
| 319-84-6 | alpha-BHC | ND | 0.067 | 0.020 | ug/kg | |
| 319-85-7 | beta-BHC | ND | 0.067 | 0.042 | ug/kg | |
| 319-86-8 | delta-BHC | ND | 0.067 | 0.033 | ug/kg | |
| 58-89-9 | gamma-BHC (Lindane) | ND | 0.067 | 0.033 | ug/kg | |
| 5103-71-9 | alpha-Chlordane | ND | 0.067 | 0.025 | ug/kg | |
| 5103-74-2 | gamma-Chlordane | ND | 0.067 | 0.046 | ug/kg | |
| 60-57-1 | Dieldrin | ND | 0.067 | 0.026 | ug/kg | |
| 72-54-8 | 4,4'-DDD | ND | 0.067 | 0.036 | ug/kg | |
| 72-55-9 | 4,4'-DDE | ND | 0.067 | 0.027 | ug/kg | |
| 50-29-3 | 4,4'-DDT | ND | 0.067 | 0.033 | ug/kg | |
| 72-20-8 | Endrin | ND | 0.067 | 0.022 | ug/kg | |
| 1031-07-8 | Endosulfan sulfate | ND | 0.067 | 0.029 | ug/kg | |
| 7421-93-4 | Endrin aldehyde | ND | 0.067 | 0.035 | ug/kg | |
| 959-98-8 | Endosulfan-I | ND | 0.067 | 0.025 | ug/kg | |
| 33213-65-9 | Endosulfan-II | ND | 0.067 | 0.040 | ug/kg | |
| 76-44-8 | Heptachlor | ND | 0.067 | 0.032 | ug/kg | |
| 1024-57-3 | Heptachlor epoxide | ND | 0.067 | 0.025 | ug/kg | |
| 72-43-5 | Methoxychlor | ND | 0.13 | 0.065 | ug/kg | |
| 53494-70-5 | Endrin ketone | ND | 0.067 | 0.027 | ug/kg | |
| 8001-35-2 | Toxaphene | ND | 1.7 | 0.84 | ug/kg | |

| CAS No. | Surrogate Recoveries | Limits | |
|-----------|----------------------|--------|---------|
| 877-09-8 | Tetrachloro-m-xylene | 93% | 10-147% |
| 877-09-8 | Tetrachloro-m-xylene | 76% | 10-147% |
| 2051-24-3 | Decachlorobiphenyl | 95% | 10-154% |
| 2051-24-3 | Decachlorobiphenyl | 99% | 10-154% |

8.1.8
8

Method Blank Summary

Job Number: JB57522
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|-----------|----|----------|----|-----------|------------|------------------|
| OP72159-MB1 | 1G98747.D | 1 | 01/23/14 | JN | 01/22/14 | OP72159 | G1G3238 |

The QC reported here applies to the following samples: Method: SW846 8081B

JB58216-1, JB58216-2, JB58216-3, JB58216-4

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|---------------------|--------|------|------|-------|---|
| 309-00-2 | Aldrin | ND | 0.67 | 0.31 | ug/kg | |
| 319-84-6 | alpha-BHC | ND | 0.67 | 0.20 | ug/kg | |
| 319-85-7 | beta-BHC | ND | 0.67 | 0.42 | ug/kg | |
| 319-86-8 | delta-BHC | ND | 0.67 | 0.33 | ug/kg | |
| 58-89-9 | gamma-BHC (Lindane) | ND | 0.67 | 0.33 | ug/kg | |
| 5103-71-9 | alpha-Chlordane | ND | 0.67 | 0.25 | ug/kg | |
| 5103-74-2 | gamma-Chlordane | ND | 0.67 | 0.46 | ug/kg | |
| 60-57-1 | Dieldrin | ND | 0.67 | 0.26 | ug/kg | |
| 72-54-8 | 4,4'-DDD | ND | 0.67 | 0.36 | ug/kg | |
| 72-55-9 | 4,4'-DDE | ND | 0.67 | 0.27 | ug/kg | |
| 50-29-3 | 4,4'-DDT | ND | 0.67 | 0.33 | ug/kg | |
| 72-20-8 | Endrin | ND | 0.67 | 0.22 | ug/kg | |
| 1031-07-8 | Endosulfan sulfate | ND | 0.67 | 0.29 | ug/kg | |
| 7421-93-4 | Endrin aldehyde | ND | 0.67 | 0.35 | ug/kg | |
| 959-98-8 | Endosulfan-I | ND | 0.67 | 0.25 | ug/kg | |
| 33213-65-9 | Endosulfan-II | ND | 0.67 | 0.40 | ug/kg | |
| 76-44-8 | Heptachlor | ND | 0.67 | 0.32 | ug/kg | |
| 1024-57-3 | Heptachlor epoxide | ND | 0.67 | 0.25 | ug/kg | |
| 72-43-5 | Methoxychlor | ND | 1.3 | 0.65 | ug/kg | |
| 53494-70-5 | Endrin ketone | ND | 0.67 | 0.27 | ug/kg | |
| 8001-35-2 | Toxaphene | ND | 17 | 8.4 | ug/kg | |

| CAS No. | Surrogate Recoveries | Limits | |
|-----------|----------------------|--------|---------|
| 877-09-8 | Tetrachloro-m-xylene | 91% | 10-147% |
| 877-09-8 | Tetrachloro-m-xylene | 82% | 10-147% |
| 2051-24-3 | Decachlorobiphenyl | 109% | 10-154% |
| 2051-24-3 | Decachlorobiphenyl | 91% | 10-154% |

8.1.9
8

Method Blank Summary

Job Number: JB57522
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------------|-----------|----|----------|----|-----------|------------|------------------|
| OP72159-MB11 | 1G98759.D | 1 | 01/23/14 | JN | 01/22/14 | OP72159 | G1G3238 |

The QC reported here applies to the following samples: Method: SW846 8081B

JB58216-1, JB58216-2, JB58216-3, JB58216-4

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|---------------------|--------|-------|-------|-------|---|
| 309-00-2 | Aldrin | ND | 0.067 | 0.031 | ug/kg | |
| 319-84-6 | alpha-BHC | ND | 0.067 | 0.020 | ug/kg | |
| 319-85-7 | beta-BHC | ND | 0.067 | 0.042 | ug/kg | |
| 319-86-8 | delta-BHC | ND | 0.067 | 0.033 | ug/kg | |
| 58-89-9 | gamma-BHC (Lindane) | ND | 0.067 | 0.033 | ug/kg | |
| 5103-71-9 | alpha-Chlordane | ND | 0.067 | 0.025 | ug/kg | |
| 5103-74-2 | gamma-Chlordane | ND | 0.067 | 0.046 | ug/kg | |
| 60-57-1 | Dieldrin | ND | 0.067 | 0.026 | ug/kg | |
| 72-54-8 | 4,4'-DDD | ND | 0.067 | 0.036 | ug/kg | |
| 72-55-9 | 4,4'-DDE | ND | 0.067 | 0.027 | ug/kg | |
| 50-29-3 | 4,4'-DDT | ND | 0.067 | 0.033 | ug/kg | |
| 72-20-8 | Endrin | ND | 0.067 | 0.022 | ug/kg | |
| 1031-07-8 | Endosulfan sulfate | ND | 0.067 | 0.029 | ug/kg | |
| 7421-93-4 | Endrin aldehyde | ND | 0.067 | 0.035 | ug/kg | |
| 959-98-8 | Endosulfan-I | ND | 0.067 | 0.025 | ug/kg | |
| 33213-65-9 | Endosulfan-II | ND | 0.067 | 0.040 | ug/kg | |
| 76-44-8 | Heptachlor | ND | 0.067 | 0.032 | ug/kg | |
| 1024-57-3 | Heptachlor epoxide | ND | 0.067 | 0.025 | ug/kg | |
| 72-43-5 | Methoxychlor | ND | 0.13 | 0.065 | ug/kg | |
| 53494-70-5 | Endrin ketone | ND | 0.067 | 0.027 | ug/kg | |
| 8001-35-2 | Toxaphene | ND | 1.7 | 0.84 | ug/kg | |

| CAS No. | Surrogate Recoveries | Limits | |
|-----------|----------------------|--------|---------|
| 877-09-8 | Tetrachloro-m-xylene | 94% | 10-147% |
| 877-09-8 | Tetrachloro-m-xylene | 76% | 10-147% |
| 2051-24-3 | Decachlorobiphenyl | 82% | 10-154% |
| 2051-24-3 | Decachlorobiphenyl | 85% | 10-154% |

Method Blank Summary

Job Number: JB57522
Account: AKRFNYNY AKRF
Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|-------------|----|----------|----|-----------|------------|------------------|
| OP71988-MB1 | XX144157.D1 | | 01/14/14 | JR | 01/13/14 | OP71988 | GXX4864 |

The QC reported here applies to the following samples:

Method: SW846 8082A

JB57522-1, JB57522-2, JB57522-3, JB57522-4

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|--------------|--------|----|-----|-------|---|
| 12674-11-2 | Aroclor 1016 | ND | 33 | 8.7 | ug/kg | |
| 11104-28-2 | Aroclor 1221 | ND | 33 | 20 | ug/kg | |
| 11141-16-5 | Aroclor 1232 | ND | 33 | 17 | ug/kg | |
| 53469-21-9 | Aroclor 1242 | ND | 33 | 11 | ug/kg | |
| 12672-29-6 | Aroclor 1248 | ND | 33 | 10 | ug/kg | |
| 11097-69-1 | Aroclor 1254 | ND | 33 | 16 | ug/kg | |
| 11096-82-5 | Aroclor 1260 | ND | 33 | 11 | ug/kg | |
| 11100-14-4 | Aroclor 1268 | ND | 33 | 9.8 | ug/kg | |
| 37324-23-5 | Aroclor 1262 | ND | 33 | 11 | ug/kg | |

| CAS No. | Surrogate Recoveries | | Limits |
|-----------|----------------------|------|---------|
| 877-09-8 | Tetrachloro-m-xylene | 94% | 14-139% |
| 877-09-8 | Tetrachloro-m-xylene | 100% | 14-139% |
| 2051-24-3 | Decachlorobiphenyl | 120% | 10-155% |
| 2051-24-3 | Decachlorobiphenyl | 117% | 10-155% |

Method Blank Summary

Job Number: JB57522
Account: AKRFNYNY AKRF
Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|-----------|----|----------|----|-----------|------------|------------------|
| OP71988-MB1 | 2G90732.D | 1 | 01/15/14 | JP | 01/14/14 | OP71988 | G2G2883 |

The QC reported here applies to the following samples:

Method: SW846 8082A

JB57522-1, JB57522-2, JB57522-3, JB57522-4

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|--------------|--------|----|-----|-------|---|
| 12674-11-2 | Aroclor 1016 | ND | 33 | 8.7 | ug/kg | |
| 11104-28-2 | Aroclor 1221 | ND | 33 | 20 | ug/kg | |
| 11141-16-5 | Aroclor 1232 | ND | 33 | 17 | ug/kg | |
| 53469-21-9 | Aroclor 1242 | ND | 33 | 11 | ug/kg | |
| 12672-29-6 | Aroclor 1248 | ND | 33 | 10 | ug/kg | |
| 11097-69-1 | Aroclor 1254 | ND | 33 | 16 | ug/kg | |
| 11096-82-5 | Aroclor 1260 | ND | 33 | 11 | ug/kg | |
| 11100-14-4 | Aroclor 1268 | ND | 33 | 9.8 | ug/kg | |
| 37324-23-5 | Aroclor 1262 | ND | 33 | 11 | ug/kg | |

| CAS No. | Surrogate Recoveries | Limits |
|-----------|----------------------|--------------|
| 877-09-8 | Tetrachloro-m-xylene | 104% 14-139% |
| 877-09-8 | Tetrachloro-m-xylene | 100% 14-139% |
| 2051-24-3 | Decachlorobiphenyl | 106% 10-155% |
| 2051-24-3 | Decachlorobiphenyl | 109% 10-155% |

Method Blank Summary

Job Number: JB57522
Account: AKRFNYNY AKRF
Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------------|-----------|----|----------|----|-----------|------------|------------------|
| OP71988-MB11 | 2G90734.D | 1 | 01/15/14 | JP | 01/14/14 | OP71988 | G2G2883 |

The QC reported here applies to the following samples:

Method: SW846 8082A

JB57522-1, JB57522-2, JB57522-3, JB57522-4

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|--------------|--------|-----|------|-------|---|
| 12674-11-2 | Aroclor 1016 | ND | 3.3 | 0.87 | ug/kg | |
| 11104-28-2 | Aroclor 1221 | ND | 3.3 | 2.0 | ug/kg | |
| 11141-16-5 | Aroclor 1232 | ND | 3.3 | 1.7 | ug/kg | |
| 53469-21-9 | Aroclor 1242 | ND | 3.3 | 1.1 | ug/kg | |
| 12672-29-6 | Aroclor 1248 | ND | 3.3 | 1.0 | ug/kg | |
| 11097-69-1 | Aroclor 1254 | ND | 3.3 | 1.6 | ug/kg | |
| 11096-82-5 | Aroclor 1260 | ND | 3.3 | 1.1 | ug/kg | |
| 11100-14-4 | Aroclor 1268 | ND | 3.3 | 0.98 | ug/kg | |
| 37324-23-5 | Aroclor 1262 | ND | 3.3 | 1.1 | ug/kg | |

| CAS No. | Surrogate Recoveries | | Limits |
|-----------|----------------------|-----|---------|
| 877-09-8 | Tetrachloro-m-xylene | 98% | 14-139% |
| 877-09-8 | Tetrachloro-m-xylene | 74% | 14-139% |
| 2051-24-3 | Decachlorobiphenyl | 92% | 10-155% |
| 2051-24-3 | Decachlorobiphenyl | 85% | 10-155% |

Method Blank Summary

Job Number: JB57522
Account: AKRFNYNY AKRF
Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|-----------|----|----------|----|-----------|------------|------------------|
| OP72021-MB1 | 2G90790.D | 1 | 01/16/14 | JP | 01/15/14 | OP72021 | G2G2884 |

The QC reported here applies to the following samples:

Method: SW846 8082A

JB57666-1, JB57666-2

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|--------------|--------|----|-----|-------|---|
| 12674-11-2 | Aroclor 1016 | ND | 33 | 8.7 | ug/kg | |
| 11104-28-2 | Aroclor 1221 | ND | 33 | 20 | ug/kg | |
| 11141-16-5 | Aroclor 1232 | ND | 33 | 17 | ug/kg | |
| 53469-21-9 | Aroclor 1242 | ND | 33 | 11 | ug/kg | |
| 12672-29-6 | Aroclor 1248 | ND | 33 | 10 | ug/kg | |
| 11097-69-1 | Aroclor 1254 | ND | 33 | 16 | ug/kg | |
| 11096-82-5 | Aroclor 1260 | ND | 33 | 11 | ug/kg | |
| 11100-14-4 | Aroclor 1268 | ND | 33 | 9.8 | ug/kg | |
| 37324-23-5 | Aroclor 1262 | ND | 33 | 11 | ug/kg | |

| CAS No. | Surrogate Recoveries | | Limits |
|-----------|----------------------|------|---------|
| 877-09-8 | Tetrachloro-m-xylene | 93% | 14-139% |
| 877-09-8 | Tetrachloro-m-xylene | 87% | 14-139% |
| 2051-24-3 | Decachlorobiphenyl | 100% | 10-155% |
| 2051-24-3 | Decachlorobiphenyl | 102% | 10-155% |

Method Blank Summary

Job Number: JB57522
Account: AKRFNYNY AKRF
Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------------|-----------|----|----------|----|-----------|------------|------------------|
| OP72021-MB11 | 2G90792.D | 1 | 01/16/14 | JP | 01/15/14 | OP72021 | G2G2884 |

The QC reported here applies to the following samples:

Method: SW846 8082A

JB57666-1, JB57666-2

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|--------------|--------|-----|------|-------|---|
| 12674-11-2 | Aroclor 1016 | ND | 3.3 | 0.87 | ug/kg | |
| 11104-28-2 | Aroclor 1221 | ND | 3.3 | 2.0 | ug/kg | |
| 11141-16-5 | Aroclor 1232 | ND | 3.3 | 1.7 | ug/kg | |
| 53469-21-9 | Aroclor 1242 | ND | 3.3 | 1.1 | ug/kg | |
| 12672-29-6 | Aroclor 1248 | ND | 3.3 | 1.0 | ug/kg | |
| 11097-69-1 | Aroclor 1254 | ND | 3.3 | 1.6 | ug/kg | |
| 11096-82-5 | Aroclor 1260 | ND | 3.3 | 1.1 | ug/kg | |
| 11100-14-4 | Aroclor 1268 | ND | 3.3 | 0.98 | ug/kg | |
| 37324-23-5 | Aroclor 1262 | ND | 3.3 | 1.1 | ug/kg | |

| CAS No. | Surrogate Recoveries | | Limits |
|-----------|----------------------|-----|---------|
| 877-09-8 | Tetrachloro-m-xylene | 92% | 14-139% |
| 877-09-8 | Tetrachloro-m-xylene | 67% | 14-139% |
| 2051-24-3 | Decachlorobiphenyl | 90% | 10-155% |
| 2051-24-3 | Decachlorobiphenyl | 81% | 10-155% |

Method Blank Summary

Job Number: JB57522
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|-------------|----|----------|----|-----------|------------|------------------|
| OP72051-MB1 | XX144259.D1 | | 01/16/14 | JR | 01/16/14 | OP72051 | GXX4866 |

The QC reported here applies to the following samples: Method: SW846 8082A

JB57834-1, JB57834-2, JB57834-3, JB57834-4, JB57834-5

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|--------------|--------|----|-----|-------|---|
| 12674-11-2 | Aroclor 1016 | ND | 33 | 8.7 | ug/kg | |
| 11104-28-2 | Aroclor 1221 | ND | 33 | 20 | ug/kg | |
| 11141-16-5 | Aroclor 1232 | ND | 33 | 17 | ug/kg | |
| 53469-21-9 | Aroclor 1242 | ND | 33 | 11 | ug/kg | |
| 12672-29-6 | Aroclor 1248 | ND | 33 | 10 | ug/kg | |
| 11097-69-1 | Aroclor 1254 | ND | 33 | 16 | ug/kg | |
| 11096-82-5 | Aroclor 1260 | ND | 33 | 11 | ug/kg | |
| 11100-14-4 | Aroclor 1268 | ND | 33 | 9.8 | ug/kg | |
| 37324-23-5 | Aroclor 1262 | ND | 33 | 11 | ug/kg | |

| CAS No. | Surrogate Recoveries | Limits | |
|-----------|----------------------|--------|---------|
| 877-09-8 | Tetrachloro-m-xylene | 84% | 14-139% |
| 877-09-8 | Tetrachloro-m-xylene | 90% | 14-139% |
| 2051-24-3 | Decachlorobiphenyl | 114% | 10-155% |
| 2051-24-3 | Decachlorobiphenyl | 88% | 10-155% |

8.1.16

8

Method Blank Summary

Job Number: JB57522
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------------|-------------|----|----------|----|-----------|------------|------------------|
| OP72051-MB11 | XX144261.D1 | | 01/16/14 | JR | 01/16/14 | OP72051 | GXX4866 |

The QC reported here applies to the following samples: Method: SW846 8082A

JB57834-1, JB57834-2, JB57834-3, JB57834-4, JB57834-5

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|--------------|--------|-----|------|-------|---|
| 12674-11-2 | Aroclor 1016 | ND | 3.3 | 0.87 | ug/kg | |
| 11104-28-2 | Aroclor 1221 | ND | 3.3 | 2.0 | ug/kg | |
| 11141-16-5 | Aroclor 1232 | ND | 3.3 | 1.7 | ug/kg | |
| 53469-21-9 | Aroclor 1242 | ND | 3.3 | 1.1 | ug/kg | |
| 12672-29-6 | Aroclor 1248 | ND | 3.3 | 1.0 | ug/kg | |
| 11097-69-1 | Aroclor 1254 | ND | 3.3 | 1.6 | ug/kg | |
| 11096-82-5 | Aroclor 1260 | ND | 3.3 | 1.1 | ug/kg | |
| 11100-14-4 | Aroclor 1268 | ND | 3.3 | 0.98 | ug/kg | |
| 37324-23-5 | Aroclor 1262 | ND | 3.3 | 1.1 | ug/kg | |

| CAS No. | Surrogate Recoveries | Limits | |
|-----------|----------------------|--------|---------|
| 877-09-8 | Tetrachloro-m-xylene | 86% | 14-139% |
| 877-09-8 | Tetrachloro-m-xylene | 88% | 14-139% |
| 2051-24-3 | Decachlorobiphenyl | 111% | 10-155% |
| 2051-24-3 | Decachlorobiphenyl | 84% | 10-155% |

8.1.17

8

Method Blank Summary

Job Number: JB57522
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|-----------|----|----------|----|-----------|------------|------------------|
| OP72116-MB1 | 5G22347.D | 1 | 01/21/14 | JR | 01/20/14 | OP72116 | G5G574 |

The QC reported here applies to the following samples: Method: SW846 8082A

JB58123-3, JB58123-4, JB58123-5, JB58123-6, JB58123-7, JB58123-8

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|--------------|--------|----|-----|-------|---|
| 12674-11-2 | Aroclor 1016 | ND | 33 | 8.7 | ug/kg | |
| 11104-28-2 | Aroclor 1221 | ND | 33 | 20 | ug/kg | |
| 11141-16-5 | Aroclor 1232 | ND | 33 | 17 | ug/kg | |
| 53469-21-9 | Aroclor 1242 | ND | 33 | 11 | ug/kg | |
| 12672-29-6 | Aroclor 1248 | ND | 33 | 10 | ug/kg | |
| 11097-69-1 | Aroclor 1254 | ND | 33 | 16 | ug/kg | |
| 11096-82-5 | Aroclor 1260 | ND | 33 | 11 | ug/kg | |
| 11100-14-4 | Aroclor 1268 | ND | 33 | 9.8 | ug/kg | |
| 37324-23-5 | Aroclor 1262 | ND | 33 | 11 | ug/kg | |

| CAS No. | Surrogate Recoveries | Limits | |
|-----------|----------------------|--------|---------|
| 877-09-8 | Tetrachloro-m-xylene | 98% | 14-139% |
| 877-09-8 | Tetrachloro-m-xylene | 97% | 14-139% |
| 2051-24-3 | Decachlorobiphenyl | 90% | 10-155% |
| 2051-24-3 | Decachlorobiphenyl | 89% | 10-155% |

8.1.18

8

Method Blank Summary

Job Number: JB57522
Account: AKRFNYNY AKRF
Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------------|-----------|----|----------|----|-----------|------------|------------------|
| OP72116-MB11 | 5G22413.D | 1 | 01/22/14 | JR | 01/20/14 | OP72116 | G5G577 |

The QC reported here applies to the following samples: Method: SW846 8082A

JB58123-3, JB58123-4, JB58123-5, JB58123-6, JB58123-7, JB58123-8

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|--------------|--------|-----|------|-------|---|
| 12674-11-2 | Aroclor 1016 | ND | 3.3 | 0.87 | ug/kg | |
| 11104-28-2 | Aroclor 1221 | ND | 3.3 | 2.0 | ug/kg | |
| 11141-16-5 | Aroclor 1232 | ND | 3.3 | 1.7 | ug/kg | |
| 53469-21-9 | Aroclor 1242 | ND | 3.3 | 1.1 | ug/kg | |
| 12672-29-6 | Aroclor 1248 | ND | 3.3 | 1.0 | ug/kg | |
| 11097-69-1 | Aroclor 1254 | ND | 3.3 | 1.6 | ug/kg | |
| 11096-82-5 | Aroclor 1260 | ND | 3.3 | 1.1 | ug/kg | |
| 11100-14-4 | Aroclor 1268 | ND | 3.3 | 0.98 | ug/kg | |
| 37324-23-5 | Aroclor 1262 | ND | 3.3 | 1.1 | ug/kg | |

| CAS No. | Surrogate Recoveries | Limits |
|-----------|----------------------|-------------|
| 877-09-8 | Tetrachloro-m-xylene | 74% 14-139% |
| 877-09-8 | Tetrachloro-m-xylene | 79% 14-139% |
| 2051-24-3 | Decachlorobiphenyl | 78% 10-155% |
| 2051-24-3 | Decachlorobiphenyl | 76% 10-155% |

Method Blank Summary

Job Number: JB57522
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|-------------|----|----------|----|-----------|------------|------------------|
| OP72158-MB1 | XX144497.D1 | | 01/23/14 | JR | 01/22/14 | OP72158 | GXX4872 |

The QC reported here applies to the following samples: Method: SW846 8082A

JB58216-1, JB58216-2, JB58216-3, JB58216-4

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|--------------|--------|----|-----|-------|---|
| 12674-11-2 | Aroclor 1016 | ND | 33 | 8.7 | ug/kg | |
| 11104-28-2 | Aroclor 1221 | ND | 33 | 20 | ug/kg | |
| 11141-16-5 | Aroclor 1232 | ND | 33 | 17 | ug/kg | |
| 53469-21-9 | Aroclor 1242 | ND | 33 | 11 | ug/kg | |
| 12672-29-6 | Aroclor 1248 | ND | 33 | 10 | ug/kg | |
| 11097-69-1 | Aroclor 1254 | ND | 33 | 16 | ug/kg | |
| 11096-82-5 | Aroclor 1260 | ND | 33 | 11 | ug/kg | |
| 11100-14-4 | Aroclor 1268 | ND | 33 | 9.8 | ug/kg | |
| 37324-23-5 | Aroclor 1262 | ND | 33 | 11 | ug/kg | |

| CAS No. | Surrogate Recoveries | Limits | |
|-----------|----------------------|--------|---------|
| 877-09-8 | Tetrachloro-m-xylene | 89% | 14-139% |
| 877-09-8 | Tetrachloro-m-xylene | 92% | 14-139% |
| 2051-24-3 | Decachlorobiphenyl | 96% | 10-155% |
| 2051-24-3 | Decachlorobiphenyl | 94% | 10-155% |

8.1.20

8

Method Blank Summary

Job Number: JB57522
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------------|-------------|----|----------|----|-----------|------------|------------------|
| OP72158-MB11 | XX144499.D1 | | 01/23/14 | JR | 01/22/14 | OP72158 | GXX4872 |

The QC reported here applies to the following samples: Method: SW846 8082A

JB58216-1, JB58216-2, JB58216-3, JB58216-4

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|--------------|--------|-----|------|-------|---|
| 12674-11-2 | Aroclor 1016 | ND | 3.3 | 0.87 | ug/kg | |
| 11104-28-2 | Aroclor 1221 | ND | 3.3 | 2.0 | ug/kg | |
| 11141-16-5 | Aroclor 1232 | ND | 3.3 | 1.7 | ug/kg | |
| 53469-21-9 | Aroclor 1242 | ND | 3.3 | 1.1 | ug/kg | |
| 12672-29-6 | Aroclor 1248 | ND | 3.3 | 1.0 | ug/kg | |
| 11097-69-1 | Aroclor 1254 | ND | 3.3 | 1.6 | ug/kg | |
| 11096-82-5 | Aroclor 1260 | ND | 3.3 | 1.1 | ug/kg | |
| 11100-14-4 | Aroclor 1268 | ND | 3.3 | 0.98 | ug/kg | |
| 37324-23-5 | Aroclor 1262 | ND | 3.3 | 1.1 | ug/kg | |

| CAS No. | Surrogate Recoveries | Limits | |
|-----------|----------------------|--------|---------|
| 877-09-8 | Tetrachloro-m-xylene | 103% | 14-139% |
| 877-09-8 | Tetrachloro-m-xylene | 101% | 14-139% |
| 2051-24-3 | Decachlorobiphenyl | 107% | 10-155% |
| 2051-24-3 | Decachlorobiphenyl | 101% | 10-155% |

Blank Spike Summary

Job Number: JB57522
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| | | | | | | | |
|-------------|-----------|----|----------|----|-----------|------------|------------------|
| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
| OP71989-BS1 | 4G40133.D | 1 | 01/14/14 | DG | 01/14/14 | OP71989 | G4G1001 |

The QC reported here applies to the following samples:

Method: SW846 8081B

JB57522-1, JB57522-2, JB57522-3, JB57522-4

| CAS No. | Compound | Spike ug/kg | BSP ug/kg | BSP % | Limits |
|------------|---------------------|----------------|--------------|----------|--------|
| 309-00-2 | Aldrin | 16.7 | 20.6 | 124 | 34-150 |
| 319-84-6 | alpha-BHC | 16.7 | 22.9 | 137 | 33-137 |
| 319-85-7 | beta-BHC | 16.7 | 17.2 | 103 | 38-129 |
| 319-86-8 | delta-BHC | 16.7 | 18.2 | 109 | 17-147 |
| 58-89-9 | gamma-BHC (Lindane) | 16.7 | 19.8 | 119 | 34-139 |
| 5103-71-9 | alpha-Chlordane | 16.7 | 17.6 | 106 | 36-137 |
| 5103-74-2 | gamma-Chlordane | 16.7 | 18.2 | 109 | 37-142 |
| 60-57-1 | Dieldrin | 16.7 | 18.9 | 113 | 38-142 |
| 72-54-8 | 4,4'-DDD | 16.7 | 18.8 | 113 | 33-151 |
| 72-55-9 | 4,4'-DDE | 16.7 | 19.3 | 116 | 32-153 |
| 50-29-3 | 4,4'-DDT | 16.7 | 15.7 | 94 | 35-161 |
| 72-20-8 | Endrin | 16.7 | 19.2 | 115 | 35-150 |
| 1031-07-8 | Endosulfan sulfate | 16.7 | 18.1 | 109 | 34-141 |
| 7421-93-4 | Endrin aldehyde | 16.7 | 16.9 | 101 | 29-134 |
| 959-98-8 | Endosulfan-I | 16.7 | 17.6 | 106 | 37-136 |
| 33213-65-9 | Endosulfan-II | 16.7 | 17.8 | 107 | 35-142 |
| 76-44-8 | Heptachlor | 16.7 | 19.0 | 114 | 38-144 |
| 1024-57-3 | Heptachlor epoxide | 16.7 | 18.5 | 111 | 37-140 |
| 72-43-5 | Methoxychlor | 16.7 | 18.8 | 113 | 32-169 |
| 53494-70-5 | Endrin ketone | 16.7 | 19.7 | 118 | 37-134 |

| CAS No. | Surrogate Recoveries | BSP | Limits |
|-----------|----------------------|------|---------|
| 877-09-8 | Tetrachloro-m-xylene | 126% | 10-147% |
| 877-09-8 | Tetrachloro-m-xylene | 111% | 10-147% |
| 2051-24-3 | Decachlorobiphenyl | 101% | 10-154% |
| 2051-24-3 | Decachlorobiphenyl | 98% | 10-154% |

* = Outside of Control Limits.

8.2.1
8

Blank Spike Summary

Job Number: JB57522
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| | | | | | | | |
|-------------|-----------|----|----------|----|-----------|------------|------------------|
| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
| OP72022-BS1 | 1G98502.D | 1 | 01/15/14 | JN | 01/15/14 | OP72022 | G1G3232 |

The QC reported here applies to the following samples:

Method: SW846 8081B

JB57666-1, JB57666-2

| CAS No. | Compound | Spike ug/kg | BSP ug/kg | BSP % | Limits |
|------------|---------------------|----------------|--------------|----------|--------|
| 309-00-2 | Aldrin | 16.7 | 13.4 | 80 | 34-150 |
| 319-84-6 | alpha-BHC | 16.7 | 12.4 | 74 | 33-137 |
| 319-85-7 | beta-BHC | 16.7 | 12.8 | 77 | 38-129 |
| 319-86-8 | delta-BHC | 16.7 | 12.0 | 72 | 17-147 |
| 58-89-9 | gamma-BHC (Lindane) | 16.7 | 12.6 | 76 | 34-139 |
| 5103-71-9 | alpha-Chlordane | 16.7 | 13.8 | 83 | 36-137 |
| 5103-74-2 | gamma-Chlordane | 16.7 | 13.6 | 82 | 37-142 |
| 60-57-1 | Dieldrin | 16.7 | 12.8 | 77 | 38-142 |
| 72-54-8 | 4,4'-DDD | 16.7 | 13.2 | 79 | 33-151 |
| 72-55-9 | 4,4'-DDE | 16.7 | 13.8 | 83 | 32-153 |
| 50-29-3 | 4,4'-DDT | 16.7 | 18.4 | 110 | 35-161 |
| 72-20-8 | Endrin | 16.7 | 13.3 | 80 | 35-150 |
| 1031-07-8 | Endosulfan sulfate | 16.7 | 14.2 | 85 | 34-141 |
| 7421-93-4 | Endrin aldehyde | 16.7 | 12.6 | 76 | 29-134 |
| 959-98-8 | Endosulfan-I | 16.7 | 13.3 | 80 | 37-136 |
| 33213-65-9 | Endosulfan-II | 16.7 | 13.5 | 81 | 35-142 |
| 76-44-8 | Heptachlor | 16.7 | 15.6 | 94 | 38-144 |
| 1024-57-3 | Heptachlor epoxide | 16.7 | 13.3 | 80 | 37-140 |
| 72-43-5 | Methoxychlor | 16.7 | 18.1 | 109 | 32-169 |
| 53494-70-5 | Endrin ketone | 16.7 | 12.8 | 77 | 37-134 |

| CAS No. | Surrogate Recoveries | BSP | Limits |
|-----------|----------------------|-----|---------|
| 877-09-8 | Tetrachloro-m-xylene | 71% | 10-147% |
| 877-09-8 | Tetrachloro-m-xylene | 58% | 10-147% |
| 2051-24-3 | Decachlorobiphenyl | 82% | 10-154% |
| 2051-24-3 | Decachlorobiphenyl | 86% | 10-154% |

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JB57522
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| | | | | | | | |
|-------------|----------|----|----------|----|-----------|------------|------------------|
| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
| OP72052-BS1 | 6G8367.D | 1 | 01/20/14 | JN | 01/16/14 | OP72052 | G6G237 |

The QC reported here applies to the following samples:

Method: SW846 8081B

JB57834-1, JB57834-2, JB57834-3, JB57834-4, JB57834-5

| CAS No. | Compound | Spike ug/kg | BSP ug/kg | BSP % | Limits |
|------------|---------------------|----------------|--------------|----------|--------|
| 309-00-2 | Aldrin | 16.7 | 19.9 | 119 | 34-150 |
| 319-84-6 | alpha-BHC | 16.7 | 20.2 | 121 | 33-137 |
| 319-85-7 | beta-BHC | 16.7 | 19.4 | 116 | 38-129 |
| 319-86-8 | delta-BHC | 16.7 | 20.0 | 120 | 17-147 |
| 58-89-9 | gamma-BHC (Lindane) | 16.7 | 19.2 | 115 | 34-139 |
| 5103-71-9 | alpha-Chlordane | 16.7 | 19.4 | 116 | 36-137 |
| 5103-74-2 | gamma-Chlordane | 16.7 | 20.3 | 122 | 37-142 |
| 60-57-1 | Dieldrin | 16.7 | 20.4 | 122 | 38-142 |
| 72-54-8 | 4,4'-DDD | 16.7 | 20.3 | 122 | 33-151 |
| 72-55-9 | 4,4'-DDE | 16.7 | 19.3 | 116 | 32-153 |
| 50-29-3 | 4,4'-DDT | 16.7 | 21.4 | 128 | 35-161 |
| 72-20-8 | Endrin | 16.7 | 19.9 | 119 | 35-150 |
| 1031-07-8 | Endosulfan sulfate | 16.7 | 21.7 | 130 | 34-141 |
| 7421-93-4 | Endrin aldehyde | 16.7 | 19.4 | 116 | 29-134 |
| 959-98-8 | Endosulfan-I | 16.7 | 19.3 | 116 | 37-136 |
| 33213-65-9 | Endosulfan-II | 16.7 | 20.1 | 121 | 35-142 |
| 76-44-8 | Heptachlor | 16.7 | 20.2 | 121 | 38-144 |
| 1024-57-3 | Heptachlor epoxide | 16.7 | 19.3 | 116 | 37-140 |
| 72-43-5 | Methoxychlor | 16.7 | 20.6 | 124 | 32-169 |
| 53494-70-5 | Endrin ketone | 16.7 | 22.6 | 136* a | 37-134 |

| CAS No. | Surrogate Recoveries | BSP | Limits |
|-----------|----------------------|------|---------|
| 877-09-8 | Tetrachloro-m-xylene | 126% | 10-147% |
| 877-09-8 | Tetrachloro-m-xylene | 114% | 10-147% |
| 2051-24-3 | Decachlorobiphenyl | 124% | 10-154% |
| 2051-24-3 | Decachlorobiphenyl | 122% | 10-154% |

(a) Outside of in house control limits.

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JB57522
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| | | | | | | | |
|-------------|-----------|----|----------|----|-----------|------------|------------------|
| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
| OP72115-BS1 | 1G98610.D | 1 | 01/20/14 | JN | 01/20/14 | OP72115 | G1G3235 |

The QC reported here applies to the following samples:

Method: SW846 8081B

JB58123-3, JB58123-4, JB58123-5, JB58123-6, JB58123-7, JB58123-8

| CAS No. | Compound | Spike ug/kg | BSP ug/kg | BSP % | Limits |
|------------|---------------------|----------------|--------------|----------|--------|
| 309-00-2 | Aldrin | 16.7 | 14.8 | 89 | 34-150 |
| 319-84-6 | alpha-BHC | 16.7 | 13.9 | 83 | 33-137 |
| 319-85-7 | beta-BHC | 16.7 | 14.1 | 85 | 38-129 |
| 319-86-8 | delta-BHC | 16.7 | 11.4 | 68 | 17-147 |
| 58-89-9 | gamma-BHC (Lindane) | 16.7 | 14.0 | 84 | 34-139 |
| 5103-71-9 | alpha-Chlordane | 16.7 | 14.2 | 85 | 36-137 |
| 5103-74-2 | gamma-Chlordane | 16.7 | 14.7 | 88 | 37-142 |
| 60-57-1 | Dieldrin | 16.7 | 14.4 | 86 | 38-142 |
| 72-54-8 | 4,4'-DDD | 16.7 | 14.6 | 88 | 33-151 |
| 72-55-9 | 4,4'-DDE | 16.7 | 14.7 | 88 | 32-153 |
| 50-29-3 | 4,4'-DDT | 16.7 | 17.2 | 103 | 35-161 |
| 72-20-8 | Endrin | 16.7 | 14.3 | 86 | 35-150 |
| 1031-07-8 | Endosulfan sulfate | 16.7 | 12.2 | 73 | 34-141 |
| 7421-93-4 | Endrin aldehyde | 16.7 | 11.4 | 68 | 29-134 |
| 959-98-8 | Endosulfan-I | 16.7 | 14.4 | 86 | 37-136 |
| 33213-65-9 | Endosulfan-II | 16.7 | 13.4 | 80 | 35-142 |
| 76-44-8 | Heptachlor | 16.7 | 15.2 | 91 | 38-144 |
| 1024-57-3 | Heptachlor epoxide | 16.7 | 14.4 | 86 | 37-140 |
| 72-43-5 | Methoxychlor | 16.7 | 13.9 | 83 | 32-169 |
| 53494-70-5 | Endrin ketone | 16.7 | 11.7 | 70 | 37-134 |

| CAS No. | Surrogate Recoveries | BSP | Limits |
|-----------|----------------------|-----|---------|
| 877-09-8 | Tetrachloro-m-xylene | 88% | 10-147% |
| 877-09-8 | Tetrachloro-m-xylene | 83% | 10-147% |
| 2051-24-3 | Decachlorobiphenyl | 93% | 10-154% |
| 2051-24-3 | Decachlorobiphenyl | 96% | 10-154% |

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JB57522
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| | | | | | | | |
|-------------|-----------|----|----------|----|-----------|------------|------------------|
| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
| OP72159-BS1 | 1G98748.D | 1 | 01/23/14 | JN | 01/22/14 | OP72159 | G1G3238 |

The QC reported here applies to the following samples:

Method: SW846 8081B

JB58216-1, JB58216-2, JB58216-3, JB58216-4

| CAS No. | Compound | Spike ug/kg | BSP ug/kg | BSP % | Limits |
|------------|---------------------|----------------|--------------|----------|--------|
| 309-00-2 | Aldrin | 16.7 | 17.7 | 106 | 34-150 |
| 319-84-6 | alpha-BHC | 16.7 | 17.1 | 103 | 33-137 |
| 319-85-7 | beta-BHC | 16.7 | 17.1 | 103 | 38-129 |
| 319-86-8 | delta-BHC | 16.7 | 14.6 | 88 | 17-147 |
| 58-89-9 | gamma-BHC (Lindane) | 16.7 | 17.2 | 103 | 34-139 |
| 5103-71-9 | alpha-Chlordane | 16.7 | 17.0 | 102 | 36-137 |
| 5103-74-2 | gamma-Chlordane | 16.7 | 17.6 | 106 | 37-142 |
| 60-57-1 | Dieldrin | 16.7 | 17.4 | 104 | 38-142 |
| 72-54-8 | 4,4'-DDD | 16.7 | 16.6 | 100 | 33-151 |
| 72-55-9 | 4,4'-DDE | 16.7 | 16.8 | 101 | 32-153 |
| 50-29-3 | 4,4'-DDT | 16.7 | 16.9 | 101 | 35-161 |
| 72-20-8 | Endrin | 16.7 | 16.7 | 100 | 35-150 |
| 1031-07-8 | Endosulfan sulfate | 16.7 | 16.6 | 100 | 34-141 |
| 7421-93-4 | Endrin aldehyde | 16.7 | 14.2 | 85 | 29-134 |
| 959-98-8 | Endosulfan-I | 16.7 | 17.3 | 104 | 37-136 |
| 33213-65-9 | Endosulfan-II | 16.7 | 17.3 | 104 | 35-142 |
| 76-44-8 | Heptachlor | 16.7 | 16.8 | 101 | 38-144 |
| 1024-57-3 | Heptachlor epoxide | 16.7 | 17.5 | 105 | 37-140 |
| 72-43-5 | Methoxychlor | 16.7 | 16.2 | 97 | 32-169 |
| 53494-70-5 | Endrin ketone | 16.7 | 16.6 | 100 | 37-134 |

| CAS No. | Surrogate Recoveries | BSP | Limits |
|-----------|----------------------|------|---------|
| 877-09-8 | Tetrachloro-m-xylene | 96% | 10-147% |
| 877-09-8 | Tetrachloro-m-xylene | 87% | 10-147% |
| 2051-24-3 | Decachlorobiphenyl | 111% | 10-154% |
| 2051-24-3 | Decachlorobiphenyl | 102% | 10-154% |

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JB57522
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|-------------|----|----------|----|-----------|------------|------------------|
| OP71988-BS1 | XX144158.D1 | | 01/14/14 | JR | 01/13/14 | OP71988 | GXX4864 |

The QC reported here applies to the following samples:

Method: SW846 8082A

JB57522-1, JB57522-2, JB57522-3, JB57522-4

| CAS No. | Compound | Spike ug/kg | BSP ug/kg | BSP % | Limits |
|------------|--------------|----------------|--------------|----------|---------------------|
| 12674-11-2 | Aroclor 1016 | 133 | 146 | 109 | 52-146 |
| 11104-28-2 | Aroclor 1221 | | ND | | 70-130 |
| 11141-16-5 | Aroclor 1232 | | ND | | 70-130 |
| 53469-21-9 | Aroclor 1242 | | ND | | 70-130 |
| 12672-29-6 | Aroclor 1248 | | ND | | 70-130 |
| 11097-69-1 | Aroclor 1254 | | ND | | 70-130 |
| 11096-82-5 | Aroclor 1260 | 133 | 127 | 95 | 48-140 |
| 11100-14-4 | Aroclor 1268 | | ND | | 50-150 ^a |
| 37324-23-5 | Aroclor 1262 | | ND | | 50-150 ^a |

| CAS No. | Surrogate Recoveries | BSP | Limits |
|-----------|----------------------|------|---------|
| 877-09-8 | Tetrachloro-m-xylene | 87% | 14-139% |
| 877-09-8 | Tetrachloro-m-xylene | 92% | 14-139% |
| 2051-24-3 | Decachlorobiphenyl | 118% | 10-155% |
| 2051-24-3 | Decachlorobiphenyl | 96% | 10-155% |

(a) Advisory control limits.

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JB57522
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|-----------|----|----------|----|-----------|------------|------------------|
| OP71988-BS1 | 2G90733.D | 1 | 01/15/14 | JP | 01/14/14 | OP71988 | G2G2883 |

The QC reported here applies to the following samples:

Method: SW846 8082A

JB57522-1, JB57522-2, JB57522-3, JB57522-4

| CAS No. | Compound | Spike ug/kg | BSP ug/kg | BSP % | Limits |
|------------|--------------|----------------|--------------|----------|---------------------|
| 12674-11-2 | Aroclor 1016 | 133 | 167 | 125 | 52-146 |
| 11104-28-2 | Aroclor 1221 | | ND | | 70-130 |
| 11141-16-5 | Aroclor 1232 | | ND | | 70-130 |
| 53469-21-9 | Aroclor 1242 | | ND | | 70-130 |
| 12672-29-6 | Aroclor 1248 | | ND | | 70-130 |
| 11097-69-1 | Aroclor 1254 | | ND | | 70-130 |
| 11096-82-5 | Aroclor 1260 | 133 | 150 | 112 | 48-140 |
| 11100-14-4 | Aroclor 1268 | | ND | | 50-150 ^a |
| 37324-23-5 | Aroclor 1262 | | ND | | 50-150 ^a |

| CAS No. | Surrogate Recoveries | BSP | Limits |
|-----------|----------------------|------|---------|
| 877-09-8 | Tetrachloro-m-xylene | 98% | 14-139% |
| 877-09-8 | Tetrachloro-m-xylene | 92% | 14-139% |
| 2051-24-3 | Decachlorobiphenyl | 106% | 10-155% |
| 2051-24-3 | Decachlorobiphenyl | 110% | 10-155% |

(a) Advisory control limits.

* = Outside of Control Limits.

8.2.7
8

Blank Spike Summary

Job Number: JB57522
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|-----------|----|----------|----|-----------|------------|------------------|
| OP72021-BS1 | 2G90791.D | 1 | 01/16/14 | JP | 01/15/14 | OP72021 | G2G2884 |

The QC reported here applies to the following samples:

Method: SW846 8082A

JB57666-1, JB57666-2

| CAS No. | Compound | Spike ug/kg | BSP ug/kg | BSP % | Limits |
|------------|--------------|----------------|--------------|----------|---------------------|
| 12674-11-2 | Aroclor 1016 | 133 | 124 | 93 | 52-146 |
| 11104-28-2 | Aroclor 1221 | | ND | | 70-130 |
| 11141-16-5 | Aroclor 1232 | | ND | | 70-130 |
| 53469-21-9 | Aroclor 1242 | | ND | | 70-130 |
| 12672-29-6 | Aroclor 1248 | | ND | | 70-130 |
| 11097-69-1 | Aroclor 1254 | | ND | | 70-130 |
| 11096-82-5 | Aroclor 1260 | 133 | 126 | 94 | 48-140 |
| 11100-14-4 | Aroclor 1268 | | ND | | 50-150 ^a |
| 37324-23-5 | Aroclor 1262 | | ND | | 50-150 ^a |

| CAS No. | Surrogate Recoveries | BSP | Limits |
|-----------|----------------------|-----|---------|
| 877-09-8 | Tetrachloro-m-xylene | 89% | 14-139% |
| 877-09-8 | Tetrachloro-m-xylene | 83% | 14-139% |
| 2051-24-3 | Decachlorobiphenyl | 94% | 10-155% |
| 2051-24-3 | Decachlorobiphenyl | 98% | 10-155% |

(a) Advisory control limits.

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JB57522
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|-------------|----|----------|----|-----------|------------|------------------|
| OP72051-BS1 | XX144260.D1 | | 01/16/14 | JR | 01/16/14 | OP72051 | GXX4866 |

The QC reported here applies to the following samples:

Method: SW846 8082A

JB57834-1, JB57834-2, JB57834-3, JB57834-4, JB57834-5

| CAS No. | Compound | Spike ug/kg | BSP ug/kg | BSP % | Limits |
|------------|--------------|----------------|--------------|----------|---------------------|
| 12674-11-2 | Aroclor 1016 | 133 | 124 | 93 | 52-146 |
| 11104-28-2 | Aroclor 1221 | | ND | | 70-130 |
| 11141-16-5 | Aroclor 1232 | | ND | | 70-130 |
| 53469-21-9 | Aroclor 1242 | | ND | | 70-130 |
| 12672-29-6 | Aroclor 1248 | | ND | | 70-130 |
| 11097-69-1 | Aroclor 1254 | | ND | | 70-130 |
| 11096-82-5 | Aroclor 1260 | 133 | 120 | 90 | 48-140 |
| 11100-14-4 | Aroclor 1268 | | ND | | 50-150 ^a |
| 37324-23-5 | Aroclor 1262 | | ND | | 50-150 ^a |

| CAS No. | Surrogate Recoveries | BSP | Limits |
|-----------|----------------------|------|---------|
| 877-09-8 | Tetrachloro-m-xylene | 86% | 14-139% |
| 877-09-8 | Tetrachloro-m-xylene | 92% | 14-139% |
| 2051-24-3 | Decachlorobiphenyl | 115% | 10-155% |
| 2051-24-3 | Decachlorobiphenyl | 97% | 10-155% |

(a) Advisory control limits.

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JB57522
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|-----------|----|----------|----|-----------|------------|------------------|
| OP72116-BS1 | 5G22348.D | 1 | 01/21/14 | JR | 01/20/14 | OP72116 | G5G574 |

The QC reported here applies to the following samples:

Method: SW846 8082A

JB58123-3, JB58123-4, JB58123-5, JB58123-6, JB58123-7, JB58123-8

| CAS No. | Compound | Spike ug/kg | BSP ug/kg | BSP % | Limits |
|------------|--------------|----------------|--------------|----------|---------------------|
| 12674-11-2 | Aroclor 1016 | 133 | 151 | 113 | 52-146 |
| 11104-28-2 | Aroclor 1221 | | ND | | 70-130 |
| 11141-16-5 | Aroclor 1232 | | ND | | 70-130 |
| 53469-21-9 | Aroclor 1242 | | ND | | 70-130 |
| 12672-29-6 | Aroclor 1248 | | ND | | 70-130 |
| 11097-69-1 | Aroclor 1254 | | ND | | 70-130 |
| 11096-82-5 | Aroclor 1260 | 133 | 144 | 108 | 48-140 |
| 11100-14-4 | Aroclor 1268 | | ND | | 50-150 ^a |
| 37324-23-5 | Aroclor 1262 | | ND | | 50-150 ^a |

| CAS No. | Surrogate Recoveries | BSP | Limits |
|-----------|----------------------|------|---------|
| 877-09-8 | Tetrachloro-m-xylene | 100% | 14-139% |
| 877-09-8 | Tetrachloro-m-xylene | 101% | 14-139% |
| 2051-24-3 | Decachlorobiphenyl | 88% | 10-155% |
| 2051-24-3 | Decachlorobiphenyl | 90% | 10-155% |

(a) Advisory control limits.

* = Outside of Control Limits.

8.2.10
8

Blank Spike Summary

Job Number: JB57522
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|-------------|----|----------|----|-----------|------------|------------------|
| OP72158-BS1 | XX144498.D1 | | 01/23/14 | JR | 01/22/14 | OP72158 | GXX4872 |

The QC reported here applies to the following samples:

Method: SW846 8082A

JB58216-1, JB58216-2, JB58216-3, JB58216-4

| CAS No. | Compound | Spike ug/kg | BSP ug/kg | BSP % | Limits |
|------------|--------------|----------------|--------------|----------|---------------------|
| 12674-11-2 | Aroclor 1016 | 133 | 138 | 103 | 52-146 |
| 11104-28-2 | Aroclor 1221 | | ND | | 70-130 |
| 11141-16-5 | Aroclor 1232 | | ND | | 70-130 |
| 53469-21-9 | Aroclor 1242 | | ND | | 70-130 |
| 12672-29-6 | Aroclor 1248 | | ND | | 70-130 |
| 11097-69-1 | Aroclor 1254 | | ND | | 70-130 |
| 11096-82-5 | Aroclor 1260 | 133 | 139 | 104 | 48-140 |
| 11100-14-4 | Aroclor 1268 | | ND | | 50-150 ^a |
| 37324-23-5 | Aroclor 1262 | | ND | | 50-150 ^a |

| CAS No. | Surrogate Recoveries | BSP | Limits |
|-----------|----------------------|------|---------|
| 877-09-8 | Tetrachloro-m-xylene | 92% | 14-139% |
| 877-09-8 | Tetrachloro-m-xylene | 94% | 14-139% |
| 2051-24-3 | Decachlorobiphenyl | 96% | 10-155% |
| 2051-24-3 | Decachlorobiphenyl | 102% | 10-155% |

(a) Advisory control limits.

* = Outside of Control Limits.

8.2.11
8

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JB57522
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|-----------|----|----------|----|-----------|------------|------------------|
| OP71989-MS | 1G98485.D | 1 | 01/15/14 | JN | 01/14/14 | OP71989 | G1G3232 |
| OP71989-MSD | 1G98486.D | 1 | 01/15/14 | JN | 01/14/14 | OP71989 | G1G3232 |
| JB57368-5A | 1G98487.D | 1 | 01/15/14 | JN | 01/14/14 | OP71989 | G1G3232 |

The QC reported here applies to the following samples:

Method: SW846 8081B

JB57522-1, JB57522-2, JB57522-3, JB57522-4

| CAS No. | Compound | JB57368-5A ug/kg | Spike Q | ug/kg | MS ug/kg | MS % | MSD ug/kg | MSD % | RPD | Limits Rec/RPD |
|------------|---------------------|---------------------|------------|-------|-------------|---------|--------------|----------|-----------|-------------------|
| 309-00-2 | Aldrin | ND | 17.5 | 20.2 | 115 | 24.5 | 143 | 19 | 10-193/56 | |
| 319-84-6 | alpha-BHC | ND | 17.5 | 18.8 | 107 | 20.6 | 121 | 9 | 10-170/54 | |
| 319-85-7 | beta-BHC | ND | 17.5 | 19.7 | 112 | 24.7 | 145 | 23 | 10-157/56 | |
| 319-86-8 | delta-BHC | ND | 17.5 | 18.6 | 106 | 22.1 | 129 | 17 | 10-177/54 | |
| 58-89-9 | gamma-BHC (Lindane) | ND | 17.5 | 18.1 | 103 | 20.2 | 118 | 11 | 10-161/54 | |
| 5103-71-9 | alpha-Chlordane | ND | 17.5 | 21.2 | 121 | 23.4 | 137 | 10 | 10-157/53 | |
| 5103-74-2 | gamma-Chlordane | 1.4 | 17.5 | 18.2 | 96 | 20.1 | 109 | 10 | 10-152/51 | |
| 60-57-1 | Dieldrin | 0.83 | 17.5 | 17.5 | 95 | 19.7 | 110 | 12 | 10-174/55 | |
| 72-54-8 | 4,4'-DDD | ND | 17.5 | 17.2 | 98 | 18.6 | 109 | 8 | 10-180/53 | |
| 72-55-9 | 4,4'-DDE | ND | 17.5 | 16.0 | 91 | 20.2 | 118 | 23 | 10-174/54 | |
| 50-29-3 | 4,4'-DDT | 2.1 | 17.5 | 24.3 | 127 | 28.4 | 154 | 16 | 10-195/55 | |
| 72-20-8 | Endrin | ND | 17.5 | 18.2 | 104 | 18.8 | 110 | 3 | 10-168/55 | |
| 1031-07-8 | Endosulfan sulfate | ND | 17.5 | 19.3 | 110 | 18.7 | 109 | 3 | 10-151/54 | |
| 7421-93-4 | Endrin aldehyde | ND | 17.5 | 18.8 | 107 | 23.6 | 138 | 23 | 10-153/55 | |
| 959-98-8 | Endosulfan-I | ND | 17.5 | 19.1 | 109 | 19.1 | 112 | 0 | 10-154/57 | |
| 33213-65-9 | Endosulfan-II | ND | 17.5 | 16.4 | 94 | 17.2 | 101 | 5 | 10-161/56 | |
| 76-44-8 | Heptachlor | ND | 17.5 | 19.9 | 114 | 22.9 | 134 | 14 | 10-166/53 | |
| 1024-57-3 | Heptachlor epoxide | 2.4 | 17.5 | 20.3 | 102 | 20.5 | 106 | 1 | 10-159/54 | |
| 72-43-5 | Methoxychlor | ND | 17.5 | 24.0 | 137 | 26.2 | 153 | 9 | 10-194/57 | |
| 53494-70-5 | Endrin ketone | ND | 17.5 | 15.9 | 91 | 16.9 | 99 | 6 | 10-173/56 | |
| 8001-35-2 | Toxaphene | ND | | ND | | ND | | nc | 50-150/30 | |

| CAS No. | Surrogate Recoveries | MS | MSD | JB57368-5A | Limits |
|-----------|----------------------|------|------|------------|---------|
| 877-09-8 | Tetrachloro-m-xylene | 99% | 105% | 84% | 10-147% |
| 877-09-8 | Tetrachloro-m-xylene | 85% | 89% | 77% | 10-147% |
| 2051-24-3 | Decachlorobiphenyl | 96% | 104% | 76% | 10-154% |
| 2051-24-3 | Decachlorobiphenyl | 106% | 119% | 85% | 10-154% |

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JB57522
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|-----------|----|----------|----|-----------|------------|------------------|
| OP72022-MS | 4G40187.D | 1 | 01/16/14 | DG | 01/15/14 | OP72022 | G4G1003 |
| OP72022-MSD | 4G40188.D | 1 | 01/16/14 | DG | 01/15/14 | OP72022 | G4G1003 |
| JB57666-1 | 4G40190.D | 1 | 01/16/14 | DG | 01/15/14 | OP72022 | G4G1003 |

The QC reported here applies to the following samples:

Method: SW846 8081B

JB57666-1, JB57666-2

| CAS No. | Compound | JB57666-1 ug/kg | Spike Q | ug/kg | MS ug/kg | MS % | MSD ug/kg | MSD % | RPD | Limits Rec/RPD |
|------------|---------------------|--------------------|------------|-------|-------------|---------|--------------|----------|-----------|-------------------|
| 309-00-2 | Aldrin | ND | 18.1 | 27.2 | 150 | 27.6 | 152 | 1 | 10-193/56 | |
| 319-84-6 | alpha-BHC | ND | 18.1 | 26.9 | 149 | 26.5 | 145 | 1 | 10-170/54 | |
| 319-85-7 | beta-BHC | ND | 18.1 | 24.9 | 138 | 24.5 | 135 | 2 | 10-157/56 | |
| 319-86-8 | delta-BHC | ND | 18.1 | 26.2 | 145 | 25.1 | 138 | 4 | 10-177/54 | |
| 58-89-9 | gamma-BHC (Lindane) | ND | 18.1 | 25.7 | 142 | 25.9 | 142 | 1 | 10-161/54 | |
| 5103-71-9 | alpha-Chlordane | ND | 18.1 | 23.9 | 132 | 24.6 | 135 | 3 | 10-157/53 | |
| 5103-74-2 | gamma-Chlordane | 0.17 | 18.1 | 26.8 | 147 | 25.7 | 140 | 4 | 10-152/51 | |
| 60-57-1 | Dieldrin | ND | 18.1 | 24.8 | 137 | 23.8 | 131 | 4 | 10-174/55 | |
| 72-54-8 | 4,4'-DDD | ND | 18.1 | 26.7 | 148 | 26.2 | 144 | 2 | 10-180/53 | |
| 72-55-9 | 4,4'-DDE | ND | 18.1 | 27.5 | 152 | 27.3 | 150 | 1 | 10-174/54 | |
| 50-29-3 | 4,4'-DDT | ND | 18.1 | 27.1 | 150 | 25.7 | 141 | 5 | 10-195/55 | |
| 72-20-8 | Endrin | ND | 18.1 | 26.8 | 148 | 26.4 | 145 | 2 | 10-168/55 | |
| 1031-07-8 | Endosulfan sulfate | ND | 18.1 | 23.0 | 127 | 21.5 | 118 | 7 | 10-151/54 | |
| 7421-93-4 | Endrin aldehyde | ND | 18.1 | 24.9 | 138 | 24.6 | 135 | 1 | 10-153/55 | |
| 959-98-8 | Endosulfan-I | ND | 18.1 | 24.4 | 135 | 24.1 | 132 | 1 | 10-154/57 | |
| 33213-65-9 | Endosulfan-II | ND | 18.1 | 24.8 | 137 | 23.3 | 128 | 6 | 10-161/56 | |
| 76-44-8 | Heptachlor | ND | 18.1 | 26.1 | 144 | 26.0 | 143 | 0 | 10-166/53 | |
| 1024-57-3 | Heptachlor epoxide | ND | 18.1 | 24.2 | 134 | 24.7 | 136 | 2 | 10-159/54 | |
| 72-43-5 | Methoxychlor | ND | 18.1 | 24.4 | 135 | 21.5 | 118 | 13 | 10-194/57 | |
| 53494-70-5 | Endrin ketone | ND | 18.1 | 30.6 | 169 | 29.3 | 161 | 4 | 10-173/56 | |
| 8001-35-2 | Toxaphene | ND | | ND | | ND | | nc | 50-150/30 | |

| CAS No. | Surrogate Recoveries | MS | MSD | JB57666-1 | Limits |
|-----------|----------------------|------|------|-----------|---------|
| 877-09-8 | Tetrachloro-m-xylene | 133% | 132% | 99% | 10-147% |
| 877-09-8 | Tetrachloro-m-xylene | 122% | 120% | 100% | 10-147% |
| 2051-24-3 | Decachlorobiphenyl | 117% | 115% | 78% | 10-154% |
| 2051-24-3 | Decachlorobiphenyl | 129% | 121% | 88% | 10-154% |

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JB57522
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|-----------|----|----------|----|-----------|------------|------------------|
| OP72052-MS | 4G40242.D | 1 | 01/17/14 | DG | 01/16/14 | OP72052 | G4G1004 |
| OP72052-MSD | 4G40243.D | 1 | 01/17/14 | DG | 01/16/14 | OP72052 | G4G1004 |
| JB57834-2 | 4G40246.D | 1 | 01/17/14 | DG | 01/16/14 | OP72052 | G4G1004 |

The QC reported here applies to the following samples:

Method: SW846 8081B

JB57834-1, JB57834-2, JB57834-3, JB57834-4, JB57834-5

| CAS No. | Compound | JB57834-2 ug/kg | Spike Q | ug/kg | MS ug/kg | MS % | MSD ug/kg | MSD % | RPD | Limits Rec/RPD |
|------------|---------------------|--------------------|------------|-------|-------------|---------|--------------|----------|-----|-------------------|
| 309-00-2 | Aldrin | ND | | 16.2 | 15.1 | 93 | 16.8 | 103 | 11 | 10-193/56 |
| 319-84-6 | alpha-BHC | ND | | 16.2 | 14.3 | 88 | 15.8 | 97 | 10 | 10-170/54 |
| 319-85-7 | beta-BHC | ND | | 16.2 | 14.2 | 88 | 15.5 | 95 | 9 | 10-157/56 |
| 319-86-8 | delta-BHC | ND | | 16.2 | 11.8 | 73 | 13.0 | 80 | 10 | 10-177/54 |
| 58-89-9 | gamma-BHC (Lindane) | ND | | 16.2 | 14.0 | 86 | 15.5 | 95 | 10 | 10-161/54 |
| 5103-71-9 | alpha-Chlordane | ND | | 16.2 | 14.1 | 87 | 15.6 | 96 | 10 | 10-157/53 |
| 5103-74-2 | gamma-Chlordane | ND | | 16.2 | 14.2 | 88 | 15.6 | 96 | 9 | 10-152/51 |
| 60-57-1 | Dieldrin | ND | | 16.2 | 14.0 | 86 | 14.6 | 89 | 4 | 10-174/55 |
| 72-54-8 | 4,4'-DDD | ND | | 16.2 | 14.2 | 88 | 15.4 | 94 | 8 | 10-180/53 |
| 72-55-9 | 4,4'-DDE | ND | | 16.2 | 15.1 | 93 | 17.3 | 106 | 14 | 10-174/54 |
| 50-29-3 | 4,4'-DDT | ND | | 16.2 | 14.2 | 88 | 15.6 | 96 | 9 | 10-195/55 |
| 72-20-8 | Endrin | ND | | 16.2 | 14.7 | 91 | 16.3 | 100 | 10 | 10-168/55 |
| 1031-07-8 | Endosulfan sulfate | ND | | 16.2 | 12.8 | 79 | 13.5 | 83 | 5 | 10-151/54 |
| 7421-93-4 | Endrin aldehyde | ND | | 16.2 | 13.3 | 82 | 14.7 | 90 | 10 | 10-153/55 |
| 959-98-8 | Endosulfan-I | ND | | 16.2 | 13.5 | 83 | 15.3 | 94 | 13 | 10-154/57 |
| 33213-65-9 | Endosulfan-II | ND | | 16.2 | 13.7 | 84 | 15.1 | 93 | 10 | 10-161/56 |
| 76-44-8 | Heptachlor | ND | | 16.2 | 15.1 | 93 | 16.6 | 102 | 9 | 10-166/53 |
| 1024-57-3 | Heptachlor epoxide | ND | | 16.2 | 14.0 | 86 | 15.5 | 95 | 10 | 10-159/54 |
| 72-43-5 | Methoxychlor | ND | | 16.2 | 13.3 | 82 | 14.1 | 86 | 6 | 10-194/57 |
| 53494-70-5 | Endrin ketone | ND | | 16.2 | 13.9 | 86 | 14.6 | 89 | 5 | 10-173/56 |
| 8001-35-2 | Toxaphene | ND | | | ND | | ND | | nc | 50-150/30 |

| CAS No. | Surrogate Recoveries | MS | MSD | JB57834-2 | Limits |
|-----------|----------------------|-----|-----|-----------|---------|
| 877-09-8 | Tetrachloro-m-xylene | 88% | 97% | 85% | 10-147% |
| 877-09-8 | Tetrachloro-m-xylene | 87% | 96% | 87% | 10-147% |
| 2051-24-3 | Decachlorobiphenyl | 56% | 86% | 78% | 10-154% |
| 2051-24-3 | Decachlorobiphenyl | 89% | 97% | 84% | 10-154% |

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JB57522
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|-----------|----|----------|----|-----------|------------|------------------|
| OP72115-MS | 1G98644.D | 1 | 01/21/14 | JN | 01/20/14 | OP72115 | G1G3236 |
| OP72115-MSD | 1G98645.D | 1 | 01/21/14 | JN | 01/20/14 | OP72115 | G1G3236 |
| JB58106-1 | 1G98646.D | 1 | 01/21/14 | JN | 01/20/14 | OP72115 | G1G3236 |

The QC reported here applies to the following samples:

Method: SW846 8081B

JB58123-3, JB58123-4, JB58123-5, JB58123-6, JB58123-7, JB58123-8

| CAS No. | Compound | JB58106-1 ug/kg | Spike Q | ug/kg | MS ug/kg | MS % | MSD ug/kg | MSD % | RPD | Limits Rec/RPD |
|------------|---------------------|--------------------|------------|-------|-------------|---------|--------------|----------|-----------|-------------------|
| 309-00-2 | Aldrin | ND | 20 | 24.0 | 120 | 12.4 | 62 | 64* a | 10-193/56 | |
| 319-84-6 | alpha-BHC | ND | 20 | 21.9 | 109 | 12.3 | 62 | 56* a | 10-170/54 | |
| 319-85-7 | beta-BHC | ND | 20 | 24.7 | 123 | 15.3 | 77 | 47 | 10-157/56 | |
| 319-86-8 | delta-BHC | ND | 20 | 21.3 | 106 | 12.4 | 62 | 53 | 10-177/54 | |
| 58-89-9 | gamma-BHC (Lindane) | ND | 20 | 21.5 | 107 | 12.0 | 60 | 57* a | 10-161/54 | |
| 5103-71-9 | alpha-Chlordane | ND | 20 | 20.6 | 103 | 12.1 | 61 | 52 | 10-157/53 | |
| 5103-74-2 | gamma-Chlordane | ND | 20 | 22.7 | 113 | 13.9 | 70 | 48 | 10-152/51 | |
| 60-57-1 | Dieldrin | ND | 20 | 21.4 | 107 | 12.6 | 63 | 52 | 10-174/55 | |
| 72-54-8 | 4,4'-DDD | ND | 20 | 20.8 | 104 | 12.2 | 61 | 52 | 10-180/53 | |
| 72-55-9 | 4,4'-DDE | ND | 20 | 23.1 | 115 | 12.9 | 65 | 57* a | 10-174/54 | |
| 50-29-3 | 4,4'-DDT | ND | 20 | 28.2 | 141 | 15.3 | 77 | 59* a | 10-195/55 | |
| 72-20-8 | Endrin | ND | 20 | 22.5 | 112 | 12.9 | 65 | 54 | 10-168/55 | |
| 1031-07-8 | Endosulfan sulfate | ND | 20 | 20.8 | 104 | 12.4 | 62 | 51 | 10-151/54 | |
| 7421-93-4 | Endrin aldehyde | ND | 20 | 21.6 | 108 | 11.4 | 57 | 62* a | 10-153/55 | |
| 959-98-8 | Endosulfan-I | ND | 20 | 22.2 | 111 | 12.7 | 64 | 54 | 10-154/57 | |
| 33213-65-9 | Endosulfan-II | ND | 20 | 20.0 | 100 | 12.0 | 60 | 50 | 10-161/56 | |
| 76-44-8 | Heptachlor | ND | 20 | 24.6 | 123 | 14.2 | 71 | 54* a | 10-166/53 | |
| 1024-57-3 | Heptachlor epoxide | ND | 20 | 21.6 | 108 | 12.7 | 64 | 52 | 10-159/54 | |
| 72-43-5 | Methoxychlor | ND | 20 | 30.5 | 152 | 17.1 | 86 | 56 | 10-194/57 | |
| 53494-70-5 | Endrin ketone | ND | 20 | 19.0 | 95 | 10.6 | 53 | 57* a | 10-173/56 | |
| 8001-35-2 | Toxaphene | ND | | ND | | ND | | nc | 50-150/30 | |

| CAS No. | Surrogate Recoveries | MS | MSD | JB58106-1 | Limits |
|-----------|----------------------|------|-----|-----------|---------|
| 877-09-8 | Tetrachloro-m-xylene | 102% | 61% | 63% | 10-147% |
| 877-09-8 | Tetrachloro-m-xylene | 91% | 56% | 59% | 10-147% |
| 2051-24-3 | Decachlorobiphenyl | 112% | 73% | 86% | 10-154% |
| 2051-24-3 | Decachlorobiphenyl | 113% | 74% | 79% | 10-154% |

(a) Analytical precision exceeds in-house control limits.

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JB57522
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|-----------|----|----------|----|-----------|------------|------------------|
| OP72159-MS | 1G98764.D | 1 | 01/23/14 | JN | 01/22/14 | OP72159 | G1G3238 |
| OP72159-MSD | 1G98765.D | 1 | 01/23/14 | JN | 01/22/14 | OP72159 | G1G3238 |
| JB58216-2 | 1G98767.D | 1 | 01/23/14 | JN | 01/22/14 | OP72159 | G1G3238 |

The QC reported here applies to the following samples:

Method: SW846 8081B

JB58216-1, JB58216-2, JB58216-3, JB58216-4

| CAS No. | Compound | JB58216-2 ug/kg | Spike Q | ug/kg | MS ug/kg | MS % | MSD ug/kg | MSD % | RPD | Limits Rec/RPD |
|------------|---------------------|--------------------|------------|-------|-------------|---------|--------------|----------|-----------|-------------------|
| 309-00-2 | Aldrin | ND | 16.4 | 15.8 | 96 | 18.1 | 104 | 14 | 10-193/56 | |
| 319-84-6 | alpha-BHC | ND | 16.4 | 15.9 | 97 | 17.9 | 103 | 12 | 10-170/54 | |
| 319-85-7 | beta-BHC | ND | 16.4 | 16.3 | 99 | 18.4 | 106 | 12 | 10-157/56 | |
| 319-86-8 | delta-BHC | ND | 16.4 | 13.7 | 83 | 15.5 | 89 | 12 | 10-177/54 | |
| 58-89-9 | gamma-BHC (Lindane) | ND | 16.4 | 15.2 | 93 | 17.2 | 99 | 12 | 10-161/54 | |
| 5103-71-9 | alpha-Chlordane | ND | 16.4 | 15.6 | 95 | 17.5 | 101 | 11 | 10-157/53 | |
| 5103-74-2 | gamma-Chlordane | ND | 16.4 | 16.5 | 101 | 18.6 | 107 | 12 | 10-152/51 | |
| 60-57-1 | Dieldrin | ND | 16.4 | 15.2 | 93 | 17.4 | 100 | 13 | 10-174/55 | |
| 72-54-8 | 4,4'-DDD | ND | 16.4 | 15.5 | 94 | 17.9 | 103 | 14 | 10-180/53 | |
| 72-55-9 | 4,4'-DDE | ND | 16.4 | 15.1 | 92 | 16.6 | 95 | 9 | 10-174/54 | |
| 50-29-3 | 4,4'-DDT | ND | 16.4 | 17.1 | 104 | 19.1 | 110 | 11 | 10-195/55 | |
| 72-20-8 | Endrin | ND | 16.4 | 15.7 | 96 | 18.1 | 104 | 14 | 10-168/55 | |
| 1031-07-8 | Endosulfan sulfate | ND | 16.4 | 13.2 | 80 | 15.9 | 91 | 19 | 10-151/54 | |
| 7421-93-4 | Endrin aldehyde | ND | 16.4 | 19.0 | 116 | 20.9 | 120 | 10 | 10-153/55 | |
| 959-98-8 | Endosulfan-I | ND | 16.4 | 16.2 | 99 | 18.4 | 106 | 13 | 10-154/57 | |
| 33213-65-9 | Endosulfan-II | ND | 16.4 | 14.9 | 91 | 17.0 | 98 | 13 | 10-161/56 | |
| 76-44-8 | Heptachlor | ND | 16.4 | 16.3 | 99 | 17.7 | 102 | 8 | 10-166/53 | |
| 1024-57-3 | Heptachlor epoxide | ND | 16.4 | 16.1 | 98 | 17.9 | 103 | 11 | 10-159/54 | |
| 72-43-5 | Methoxychlor | ND | 16.4 | 16.1 | 98 | 19.1 | 110 | 17 | 10-194/57 | |
| 53494-70-5 | Endrin ketone | ND | 16.4 | 13.5 | 82 | 15.2 | 87 | 12 | 10-173/56 | |
| 8001-35-2 | Toxaphene | ND | | ND | | ND | | nc | 50-150/30 | |

| CAS No. | Surrogate Recoveries | MS | MSD | JB58216-2 | Limits |
|-----------|----------------------|-----|-----|-----------|---------|
| 877-09-8 | Tetrachloro-m-xylene | 66% | 76% | 68% | 10-147% |
| 877-09-8 | Tetrachloro-m-xylene | 59% | 67% | 54% | 10-147% |
| 2051-24-3 | Decachlorobiphenyl | 78% | 91% | 61% | 10-154% |
| 2051-24-3 | Decachlorobiphenyl | 70% | 79% | 53% | 10-154% |

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JB57522
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|--------------|----|----------|----|-----------|------------|------------------|
| OP71988-MS | XX144204.D 1 | | 01/15/14 | JR | 01/14/14 | OP71988 | GXX4865 |
| OP71988-MSD | XX144205.D 1 | | 01/15/14 | JR | 01/14/14 | OP71988 | GXX4865 |
| JB57210-1 | XX144159.D 1 | | 01/14/14 | JR | 01/13/14 | OP71988 | GXX4864 |

The QC reported here applies to the following samples:

Method: SW846 8082A

JB57522-1, JB57522-2, JB57522-3, JB57522-4

| CAS No. | Compound | JB57210-1 ug/kg | Spike Q ug/kg | MS ug/kg | MS % | MSD ug/kg | MSD % | RPD | Limits Rec/RPD |
|------------|--------------|--------------------|---------------------|-------------|---------|--------------|----------|-----|-------------------|
| 12674-11-2 | Aroclor 1016 | ND | 143 | 113 | 79 | 119 | 87 | 5 | 26-175/50 |
| 11104-28-2 | Aroclor 1221 | ND | | ND | | ND | | nc | 70-130/30 |
| 11141-16-5 | Aroclor 1232 | ND | | ND | | ND | | nc | 70-130/30 |
| 53469-21-9 | Aroclor 1242 | ND | | ND | | ND | | nc | 70-130/30 |
| 12672-29-6 | Aroclor 1248 | ND | | ND | | ND | | nc | 70-130/16 |
| 11097-69-1 | Aroclor 1254 | ND | | ND | | ND | | nc | 70-130/17 |
| 11096-82-5 | Aroclor 1260 | ND | 143 | 131 | 92 | 134 | 98 | 2 | 16-172/47 |
| 11100-14-4 | Aroclor 1268 | ND | | ND | | ND | | nc | -/30 |
| 37324-23-5 | Aroclor 1262 | ND | | ND | | ND | | nc | -/30 |

| CAS No. | Surrogate Recoveries | MS | MSD | JB57210-1 | Limits |
|-----------|----------------------|-----|------|-----------|---------|
| 877-09-8 | Tetrachloro-m-xylene | 73% | 76% | 85% | 14-139% |
| 877-09-8 | Tetrachloro-m-xylene | 78% | 83% | 89% | 14-139% |
| 2051-24-3 | Decachlorobiphenyl | 93% | 94% | 105% | 10-155% |
| 2051-24-3 | Decachlorobiphenyl | 87% | 107% | 97% | 10-155% |

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JB57522
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|-----------|----|----------|----|-----------|------------|------------------|
| OP72021-MS | 2G90871.D | 1 | 01/17/14 | JP | 01/15/14 | OP72021 | G2G2887 |
| OP72021-MSD | 2G90872.D | 1 | 01/17/14 | JP | 01/15/14 | OP72021 | G2G2887 |
| JB57611-2 | 2G90858.D | 1 | 01/17/14 | JP | 01/15/14 | OP72021 | G2G2887 |

The QC reported here applies to the following samples:

Method: SW846 8082A

JB57666-1, JB57666-2

| CAS No. | Compound | JB57611-2 ug/kg | Spike Q ug/kg | MS ug/kg | MS % | MSD ug/kg | MSD % | RPD | Limits Rec/RPD |
|------------|--------------|--------------------|---------------------|-------------|---------|--------------|----------|-----|-------------------|
| 12674-11-2 | Aroclor 1016 | ND | 135 | 130 | 97 | 135 | 97 | 4 | 26-175/50 |
| 11104-28-2 | Aroclor 1221 | ND | | ND | | ND | | nc | 70-130/30 |
| 11141-16-5 | Aroclor 1232 | ND | | ND | | ND | | nc | 70-130/30 |
| 53469-21-9 | Aroclor 1242 | ND | | ND | | ND | | nc | 70-130/30 |
| 12672-29-6 | Aroclor 1248 | ND | | ND | | ND | | nc | 70-130/16 |
| 11097-69-1 | Aroclor 1254 | ND | | ND | | ND | | nc | 70-130/17 |
| 11096-82-5 | Aroclor 1260 | 381 | 135 | 470 | 66 | 472 | 65 | 0 | 16-172/47 |
| 11100-14-4 | Aroclor 1268 | ND | | ND | | ND | | nc | -/30 |
| 37324-23-5 | Aroclor 1262 | ND | | ND | | ND | | nc | -/30 |

| CAS No. | Surrogate Recoveries | MS | MSD | JB57611-2 | Limits |
|-----------|----------------------|---------|---------|-----------|---------|
| 877-09-8 | Tetrachloro-m-xylene | 108% | 89% | 85% | 14-139% |
| 877-09-8 | Tetrachloro-m-xylene | 74% | 78% | 78% | 14-139% |
| 2051-24-3 | Decachlorobiphenyl | 301%* a | 241%* a | 172%* a | 10-155% |
| 2051-24-3 | Decachlorobiphenyl | 203%* a | 176%* a | 129% | 10-155% |

(a) Outside control limits due to matrix interference.

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JB57522
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|--------------|----|----------|----|-----------|------------|------------------|
| OP72051-MS | XX144262.D 1 | | 01/16/14 | JR | 01/16/14 | OP72051 | GXX4866 |
| OP72051-MSD | XX144263.D 1 | | 01/16/14 | JR | 01/16/14 | OP72051 | GXX4866 |
| JB57834-1 | XX144264.D 1 | | 01/16/14 | JR | 01/16/14 | OP72051 | GXX4866 |

The QC reported here applies to the following samples:

Method: SW846 8082A

JB57834-1, JB57834-2, JB57834-3, JB57834-4, JB57834-5

| CAS No. | Compound | JB57834-1 ug/kg | Spike Q | ug/kg | MS ug/kg | MS % | MSD ug/kg | MSD % | RPD | Limits Rec/RPD |
|------------|--------------|--------------------|------------|-------|-------------|---------|--------------|----------|-----|-------------------|
| 12674-11-2 | Aroclor 1016 | ND | 135 | | 101 | 75 | 106 | 77 | 5 | 26-175/50 |
| 11104-28-2 | Aroclor 1221 | ND | | | ND | | ND | | nc | 70-130/30 |
| 11141-16-5 | Aroclor 1232 | ND | | | ND | | ND | | nc | 70-130/30 |
| 53469-21-9 | Aroclor 1242 | ND | | | ND | | ND | | nc | 70-130/30 |
| 12672-29-6 | Aroclor 1248 | ND | | | ND | | ND | | nc | 70-130/16 |
| 11097-69-1 | Aroclor 1254 | ND | | | ND | | ND | | nc | 70-130/17 |
| 11096-82-5 | Aroclor 1260 | ND | 135 | | 113 | 83 | 116 | 85 | 3 | 16-172/47 |
| 11100-14-4 | Aroclor 1268 | ND | | | ND | | ND | | nc | -/30 |
| 37324-23-5 | Aroclor 1262 | ND | | | ND | | ND | | nc | -/30 |

| CAS No. | Surrogate Recoveries | MS | MSD | JB57834-1 | Limits |
|-----------|----------------------|------|-----|-----------|---------|
| 877-09-8 | Tetrachloro-m-xylene | 67% | 69% | 64% | 14-139% |
| 877-09-8 | Tetrachloro-m-xylene | 72% | 75% | 66% | 14-139% |
| 2051-24-3 | Decachlorobiphenyl | 86% | 90% | 82% | 10-155% |
| 2051-24-3 | Decachlorobiphenyl | 123% | 78% | 63% | 10-155% |

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JB57522
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|-----------|----|----------|----|-----------|------------|------------------|
| OP72116-MS | 5G22350.D | 1 | 01/21/14 | JR | 01/20/14 | OP72116 | G5G574 |
| OP72116-MSD | 5G22351.D | 1 | 01/21/14 | JR | 01/20/14 | OP72116 | G5G574 |
| JB58123-3 | 5G22359.D | 1 | 01/21/14 | JR | 01/20/14 | OP72116 | G5G574 |

The QC reported here applies to the following samples:

Method: SW846 8082A

JB58123-3, JB58123-4, JB58123-5, JB58123-6, JB58123-7, JB58123-8

| CAS No. | Compound | JB58123-3 ug/kg | Spike Q | ug/kg | MS ug/kg | MS % | MSD ug/kg | MSD % | RPD | Limits Rec/RPD |
|------------|--------------|--------------------|------------|-------|-------------|---------|--------------|----------|-----------|-------------------|
| 12674-11-2 | Aroclor 1016 | ND | 144 | 171 | 119 | 174 | 123 | 2 | 26-175/50 | |
| 11104-28-2 | Aroclor 1221 | ND | | ND | | ND | | nc | 70-130/30 | |
| 11141-16-5 | Aroclor 1232 | ND | | ND | | ND | | nc | 70-130/30 | |
| 53469-21-9 | Aroclor 1242 | ND | | ND | | ND | | nc | 70-130/30 | |
| 12672-29-6 | Aroclor 1248 | ND | | ND | | ND | | nc | 70-130/16 | |
| 11097-69-1 | Aroclor 1254 | ND | | ND | | ND | | nc | 70-130/17 | |
| 11096-82-5 | Aroclor 1260 | ND | 144 | 171 | 119 | 167 | 118 | 2 | 16-172/47 | |
| 11100-14-4 | Aroclor 1268 | ND | | ND | | ND | | nc | -/30 | |
| 37324-23-5 | Aroclor 1262 | ND | | ND | | ND | | nc | -/30 | |

| CAS No. | Surrogate Recoveries | MS | MSD | JB58123-3 | Limits |
|-----------|----------------------|-----|-----|-----------|---------|
| 877-09-8 | Tetrachloro-m-xylene | 95% | 98% | 81% | 14-139% |
| 877-09-8 | Tetrachloro-m-xylene | 98% | 98% | 86% | 14-139% |
| 2051-24-3 | Decachlorobiphenyl | 89% | 92% | 72% | 10-155% |
| 2051-24-3 | Decachlorobiphenyl | 88% | 93% | 69% | 10-155% |

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JB57522
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|--------------|----|----------|----|-----------|------------|------------------|
| OP72158-MS | XX144500.D 1 | | 01/23/14 | JR | 01/22/14 | OP72158 | GXX4872 |
| OP72158-MSD | XX144501.D 1 | | 01/23/14 | JR | 01/22/14 | OP72158 | GXX4872 |
| JB58216-1 | XX144502.D 1 | | 01/23/14 | JR | 01/22/14 | OP72158 | GXX4872 |

The QC reported here applies to the following samples:

Method: SW846 8082A

JB58216-1, JB58216-2, JB58216-3, JB58216-4

| CAS No. | Compound | JB58216-1 ug/kg | Spike Q ug/kg | MS ug/kg | MS % | MSD ug/kg | MSD % | RPD | Limits Rec/RPD |
|------------|--------------|--------------------|---------------------|-------------|---------|--------------|----------|-----|-------------------|
| 12674-11-2 | Aroclor 1016 | ND | 135 | 134 | 99 | 128 | 91 | 5 | 26-175/50 |
| 11104-28-2 | Aroclor 1221 | ND | | ND | | ND | | nc | 70-130/30 |
| 11141-16-5 | Aroclor 1232 | ND | | ND | | ND | | nc | 70-130/30 |
| 53469-21-9 | Aroclor 1242 | ND | | ND | | ND | | nc | 70-130/30 |
| 12672-29-6 | Aroclor 1248 | ND | | ND | | ND | | nc | 70-130/16 |
| 11097-69-1 | Aroclor 1254 | ND | | ND | | ND | | nc | 70-130/17 |
| 11096-82-5 | Aroclor 1260 | ND | 135 | 135 | 100 | 127 | 90 | 6 | 16-172/47 |
| 11100-14-4 | Aroclor 1268 | ND | | ND | | ND | | nc | -/30 |
| 37324-23-5 | Aroclor 1262 | ND | | ND | | ND | | nc | -/30 |

| CAS No. | Surrogate Recoveries | MS | MSD | JB58216-1 | Limits |
|-----------|----------------------|------|-----|-----------|---------|
| 877-09-8 | Tetrachloro-m-xylene | 71% | 66% | 74% | 14-139% |
| 877-09-8 | Tetrachloro-m-xylene | 73% | 66% | 72% | 14-139% |
| 2051-24-3 | Decachlorobiphenyl | 70% | 63% | 72% | 10-155% |
| 2051-24-3 | Decachlorobiphenyl | 103% | 69% | 67% | 10-155% |

* = Outside of Control Limits.

Semivolatle Surrogate Recovery Summary

Job Number: JB57522
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| | |
|---------------------|------------|
| Method: SW846 8081B | Matrix: SO |
|---------------------|------------|

Samples and QC shown here apply to the above method

| Lab Sample ID | Lab File ID | S1 ^a | S1 ^b | S2 ^a | S2 ^b |
|---------------|-------------|-----------------|-----------------|-----------------|-----------------|
| JB57522-1 | 4G40143.D | 92.0 | 86.0 | 76.0 | 58.0 |
| JB57522-2 | 4G40144.D | 82.0 | 76.0 | 56.0 | 51.0 |
| JB57522-3 | 4G40145.D | 99.0 | 93.0 | 75.0 | 68.0 |
| JB57522-4 | 4G40146.D | 82.0 | 77.0 | 59.0 | 55.0 |
| JB57666-1 | 4G40190.D | 99.0 | 100.0 | 78.0 | 88.0 |
| JB57666-2 | 4G40191.D | 94.0 | 96.0 | 80.0 | 90.0 |
| JB57834-1 | 4G40245.D | 65.0 | 66.0 | 52.0 | 58.0 |
| JB57834-2 | 4G40246.D | 85.0 | 87.0 | 78.0 | 84.0 |
| JB57834-3 | 4G40247.D | 71.0 | 73.0 | 59.0 | 66.0 |
| JB57834-4 | 4G40248.D | 76.0 | 78.0 | 64.0 | 76.0 |
| JB57834-5 | 4G40249.D | 82.0 | 84.0 | 66.0 | 77.0 |
| JB58123-3 | 1G98680.D | 85.0 | 71.0 | 83.0 | 87.0 |
| JB58123-4 | 1G98681.D | 103.0 | 84.0 | 109.0 | 117.0 |
| JB58123-5 | 1G98682.D | 43.0 | 37.0 | 49.0 | 49.0 |
| JB58123-6 | 1G98683.D | 62.0 | 52.0 | 62.0 | 67.0 |
| JB58123-7 | 1G98684.D | 83.0 | 70.0 | 79.0 | 83.0 |
| JB58123-8 | 1G98741.D | 69.0 | 46.0 | 55.0 | 52.0 |
| JB58216-1 | 1G98766.D | 68.0 | 55.0 | 58.0 | 60.0 |
| JB58216-2 | 1G98767.D | 68.0 | 54.0 | 61.0 | 53.0 |
| JB58216-3 | 1G98768.D | 70.0 | 56.0 | 60.0 | 62.0 |
| JB58216-4 | 1G98769.D | 82.0 | 67.0 | 73.0 | 69.0 |
| OP71989-BS1 | 4G40133.D | 126.0 | 111.0 | 101.0 | 98.0 |
| OP71989-MB1 | 4G40132.D | 109.0 | 100.0 | 89.0 | 93.0 |
| OP71989-MB11 | 4G40140.D | 102.0 | 95.0 | 75.0 | 66.0 |
| OP71989-MS | 1G98485.D | 99.0 | 85.0 | 96.0 | 106.0 |
| OP71989-MSD | 1G98486.D | 105.0 | 89.0 | 104.0 | 119.0 |
| OP72022-BS1 | 1G98502.D | 71.0 | 58.0 | 82.0 | 86.0 |
| OP72022-MB1 | 1G98501.D | 125.0 | 114.0 | 153.0 | 149.0 |
| OP72022-MB11 | 4G40189.D | 99.0 | 100.0 | 89.0 | 96.0 |
| OP72022-MS | 4G40187.D | 133.0 | 122.0 | 117.0 | 129.0 |
| OP72022-MSD | 4G40188.D | 132.0 | 120.0 | 115.0 | 121.0 |
| OP72052-BS1 | 6G8367.D | 126.0 | 114.0 | 124.0 | 122.0 |
| OP72052-MB1 | 6G8366.D | 116.0 | 107.0 | 107.0 | 113.0 |
| OP72052-MB11 | 4G40244.D | 91.0 | 93.0 | 74.0 | 86.0 |
| OP72052-MS | 4G40242.D | 88.0 | 87.0 | 56.0 | 89.0 |
| OP72052-MSD | 4G40243.D | 97.0 | 96.0 | 86.0 | 97.0 |
| OP72115-BS1 | 1G98610.D | 88.0 | 83.0 | 93.0 | 96.0 |
| OP72115-MB1 | 1G98609.D | 89.0 | 84.0 | 94.0 | 102.0 |
| OP72115-MB11 | 1G98690.D | 93.0 | 76.0 | 95.0 | 99.0 |
| OP72115-MS | 1G98644.D | 102.0 | 91.0 | 112.0 | 113.0 |

8.4.1
8

Semivolatile Surrogate Recovery Summary

Job Number: JB57522

Account: AKRFNYNY AKRF

Project: Flushing Commons, Union Street, Flushing, NY

Method: SW846 8081B

Matrix: SO

Samples and QC shown here apply to the above method

| Lab Sample ID | Lab File ID | S1 ^a | S1 ^b | S2 ^a | S2 ^b |
|---------------|-------------|-----------------|-----------------|-----------------|-----------------|
| OP72115-MSD | 1G98645.D | 61.0 | 56.0 | 73.0 | 74.0 |
| OP72159-BS1 | 1G98748.D | 96.0 | 87.0 | 111.0 | 102.0 |
| OP72159-MB1 | 1G98747.D | 91.0 | 82.0 | 109.0 | 91.0 |
| OP72159-MB11 | 1G98759.D | 94.0 | 76.0 | 82.0 | 85.0 |
| OP72159-MS | 1G98764.D | 66.0 | 59.0 | 78.0 | 70.0 |
| OP72159-MSD | 1G98765.D | 76.0 | 67.0 | 91.0 | 79.0 |

Surrogate Compounds Recovery Limits

S1 = Tetrachloro-m-xylene 10-147%

S2 = Decachlorobiphenyl 10-154%

(a) Recovery from GC signal #1

(b) Recovery from GC signal #2

8.4.1

8

Semivolatiles Surrogate Recovery Summary

Job Number: JB57522
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| | |
|---------------------|------------|
| Method: SW846 8082A | Matrix: SO |
|---------------------|------------|

Samples and QC shown here apply to the above method

| Lab Sample ID | Lab File ID | S1 ^a | S1 ^b | S2 ^a | S2 ^b |
|---------------|-------------|-----------------|-----------------|---------------------|---------------------|
| JB57522-1 | 2G90735.D | 93.0 | 68.0 | 82.0 | 74.0 |
| JB57522-2 | 2G90736.D | 91.0 | 68.0 | 86.0 | 79.0 |
| JB57522-3 | 2G90737.D | 77.0 | 60.0 | 71.0 | 66.0 |
| JB57522-4 | 2G90738.D | 94.0 | 68.0 | 86.0 | 79.0 |
| JB57666-1 | 2G90855.D | 99.0 | 77.0 | 121.0 | 93.0 |
| JB57666-2 | 2G90856.D | 103.0 | 80.0 | 143.0 | 108.0 |
| JB57834-1 | XX144264.D | 64.0 | 66.0 | 82.0 | 63.0 |
| JB57834-2 | XX144265.D | 76.0 | 77.0 | 94.0 | 77.0 |
| JB57834-3 | XX144270.D | 71.0 | 73.0 | 94.0 | 71.0 |
| JB57834-4 | XX144271.D | 70.0 | 72.0 | 89.0 | 73.0 |
| JB57834-5 | XX144272.D | 77.0 | 79.0 | 96.0 | 80.0 |
| JB58123-3 | 5G22359.D | 81.0 | 86.0 | 72.0 | 69.0 |
| JB58123-4 | 5G22360.D | 76.0 | 81.0 | 67.0 | 67.0 |
| JB58123-5 | 5G22361.D | 79.0 | 85.0 | 72.0 | 72.0 |
| JB58123-6 | 5G22362.D | 84.0 | 89.0 | 75.0 | 75.0 |
| JB58123-7 | 5G22414.D | 64.0 | 76.0 | 76.0 | 73.0 |
| JB58123-8 | 5G22415.D | 75.0 | 92.0 | 78.0 | 75.0 |
| JB58216-1 | XX144502.D | 74.0 | 72.0 | 72.0 | 67.0 |
| JB58216-2 | XX144504.D | 68.0 | 67.0 | 65.0 | 62.0 |
| JB58216-3 | XX144505.D | 77.0 | 77.0 | 77.0 | 77.0 |
| JB58216-4 | XX144510.D | 59.0 | 59.0 | 61.0 | 58.0 |
| OP71988-BS1 | XX144158.D | 87.0 | 92.0 | 118.0 | 96.0 |
| OP71988-BS1 | 2G90733.D | 98.0 | 92.0 | 106.0 | 110.0 |
| OP71988-MB1 | XX144157.D | 94.0 | 100.0 | 120.0 | 117.0 |
| OP71988-MB1 | 2G90732.D | 104.0 | 100.0 | 106.0 | 109.0 |
| OP71988-MB11 | 2G90734.D | 98.0 | 74.0 | 92.0 | 85.0 |
| OP71988-MS | XX144204.D | 73.0 | 78.0 | 93.0 | 87.0 |
| OP71988-MSD | XX144205.D | 76.0 | 83.0 | 94.0 | 107.0 |
| OP72021-BS1 | 2G90791.D | 89.0 | 83.0 | 94.0 | 98.0 |
| OP72021-MB1 | 2G90790.D | 93.0 | 87.0 | 100.0 | 102.0 |
| OP72021-MB11 | 2G90792.D | 92.0 | 67.0 | 90.0 | 81.0 |
| OP72021-MS | 2G90871.D | 108.0 | 74.0 | 301.0* ^c | 203.0* ^c |
| OP72021-MSD | 2G90872.D | 89.0 | 78.0 | 241.0* ^c | 176.0* ^c |
| OP72051-BS1 | XX144260.D | 86.0 | 92.0 | 115.0 | 97.0 |
| OP72051-MB1 | XX144259.D | 84.0 | 90.0 | 114.0 | 88.0 |
| OP72051-MB11 | XX144261.D | 86.0 | 88.0 | 111.0 | 84.0 |
| OP72051-MS | XX144262.D | 67.0 | 72.0 | 86.0 | 123.0 |
| OP72051-MSD | XX144263.D | 69.0 | 75.0 | 90.0 | 78.0 |
| OP72116-BS1 | 5G22348.D | 100.0 | 101.0 | 88.0 | 90.0 |
| OP72116-MB1 | 5G22347.D | 98.0 | 97.0 | 90.0 | 89.0 |

8.4.2
8

Semivolatiles Surrogate Recovery Summary

Job Number: JB57522
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| | |
|---------------------|------------|
| Method: SW846 8082A | Matrix: SO |
|---------------------|------------|

Samples and QC shown here apply to the above method

| Lab Sample ID | Lab File ID | S1 ^a | S1 ^b | S2 ^a | S2 ^b |
|---------------|-------------|-----------------|-----------------|-----------------|-----------------|
| OP72116-MB11 | 5G22413.D | 74.0 | 79.0 | 78.0 | 76.0 |
| OP72116-MS | 5G22350.D | 95.0 | 98.0 | 89.0 | 88.0 |
| OP72116-MSD | 5G22351.D | 98.0 | 98.0 | 92.0 | 93.0 |
| OP72158-BS1 | XX144498.D | 92.0 | 94.0 | 96.0 | 102.0 |
| OP72158-MB1 | XX144497.D | 89.0 | 92.0 | 96.0 | 94.0 |
| OP72158-MB11 | XX144499.D | 103.0 | 101.0 | 107.0 | 101.0 |
| OP72158-MS | XX144500.D | 71.0 | 73.0 | 70.0 | 103.0 |
| OP72158-MSD | XX144501.D | 66.0 | 66.0 | 63.0 | 69.0 |

Surrogate Compounds Recovery Limits

| | |
|---------------------------|---------|
| S1 = Tetrachloro-m-xylene | 14-139% |
| S2 = Decachlorobiphenyl | 10-155% |

- (a) Recovery from GC signal #1
- (b) Recovery from GC signal #2
- (c) Outside control limits due to matrix interference.

8.4.2
8

Metals Analysis

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Matrix Spike and Duplicate Summaries
- Blank Spike and Lab Control Sample Summaries
- Serial Dilution Summaries

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: JB57522
Account: AKRFNYNY - AKRF
Project: Flushing Commons, Union Street, Flushing, NY

QC Batch ID: MP77159
Matrix Type: SOLID

Methods: SW846 7471B
Units: mg/kg

Prep Date: 01/14/14

| Metal | RL | IDL | MDL | MB raw | final |
|---------|-------|-------|-------|-----------|--------|
| Mercury | 0.033 | .0038 | .0063 | 0.00072 | <0.033 |

Associated samples MP77159: JB57522-1, JB57522-2, JB57522-3, JB57522-4

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JB57522
Account: AKRFNYNY - AKRF
Project: Flushing Commons, Union Street, Flushing, NY

QC Batch ID: MP77159
Matrix Type: SOLID

Methods: SW846 7471B
Units: mg/kg

Prep Date: 01/14/14

| Metal | JB57522-2 Original MS | SpikeLot HGPWS1 | % Rec | QC Limits |
|---------|--------------------------|--------------------|-------|--------------|
| Mercury | 0.0 | 0.33 | 0.331 | 99.6 75-125 |

Associated samples MP77159: JB57522-1, JB57522-2, JB57522-3, JB57522-4

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JB57522
 Account: AKRFNYNY - AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

QC Batch ID: MP77159
 Matrix Type: SOLID

Methods: SW846 7471B
 Units: mg/kg

Prep Date: 01/14/14

| Metal | JB57522-2 Original MSD | SpikeLot HGPWS1 | % Rec | MSD RPD | QC Limit |
|---------|---------------------------|--------------------|-------|------------|-------------|
| Mercury | 0.0 | 0.33 | 0.345 | 95.8 | 0.0 |

Associated samples MP77159: JB57522-1, JB57522-2, JB57522-3, JB57522-4

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (N) Matrix Spike Rec. outside of QC limits
 (anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: JB57522
Account: AKRFNYNY - AKRF
Project: Flushing Commons, Union Street, Flushing, NY

QC Batch ID: MP77159
Matrix Type: SOLID

Methods: SW846 7471B
Units: mg/kg

Prep Date: 01/14/14

| Metal | LCS Result | Spikelot HGLCS54080% Rec | QC Limits |
|---------|---------------|-----------------------------|--------------|
| Mercury | 20.4 | 19.9 | 102.5 69-130 |

Associated samples MP77159: JB57522-1, JB57522-2, JB57522-3, JB57522-4

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: JB57522
Account: AKRFNYNY - AKRF
Project: Flushing Commons, Union Street, Flushing, NY

QC Batch ID: MP77186
Matrix Type: SOLID

Methods: SW846 6010C
Units: mg/kg

Prep Date: 01/14/14

| Metal | RL | IDL | MDL | MB raw | final |
|------------|------|-------|------|-----------|-------|
| Aluminum | 50 | .61 | 1.5 | 2.2 | <50 |
| Antimony | 2.0 | .089 | .23 | 0.079 | <2.0 |
| Arsenic | 2.0 | .15 | .23 | -0.040 | <2.0 |
| Barium | 20 | .02 | .053 | 0.050 | <20 |
| Beryllium | 0.20 | .0079 | .015 | -0.0099 | <0.20 |
| Bismuth | 2.0 | .13 | .14 | | |
| Boron | 9.9 | .12 | .14 | | |
| Cadmium | 0.50 | .03 | .07 | 0.0099 | <0.50 |
| Calcium | 500 | 1.5 | 8.3 | 4.2 | <500 |
| Chromium | 0.99 | .04 | .073 | 0.069 | <0.99 |
| Cobalt | 5.0 | .03 | .065 | -0.030 | <5.0 |
| Copper | 2.5 | .069 | .082 | 0.11 | <2.5 |
| Iron | 50 | .99 | 2.8 | 4.7 | <50 |
| Lead | 2.0 | .12 | .21 | -0.020 | <2.0 |
| Lithium | 2.0 | .059 | .14 | | |
| Magnesium | 500 | 1.9 | 9.2 | 0.12 | <500 |
| Manganese | 1.5 | .02 | .053 | 0.079 | <1.5 |
| Molybdenum | 2.0 | .03 | .14 | | |
| Nickel | 4.0 | .04 | .078 | 0.030 | <4.0 |
| Palladium | 5.0 | .099 | .26 | | |
| Potassium | 990 | 3.6 | 6 | 1.7 | <990 |
| Selenium | 2.0 | .15 | .26 | 0.14 | <2.0 |
| Silicon | 20 | .73 | 3.6 | | |
| Silver | 0.50 | .04 | .1 | -0.0099 | <0.50 |
| Sodium | 990 | 1.6 | 2 | 1.7 | <990 |
| Strontium | 0.99 | .0089 | .024 | | |
| Sulfur | 5.0 | .77 | .33 | | |
| Thallium | 0.99 | .19 | .29 | -0.26 | <0.99 |
| Tin | 5.0 | .099 | .76 | | |
| Titanium | 0.99 | .03 | .092 | | |
| Tungsten | 5.0 | .35 | 1.7 | | |
| Vanadium | 5.0 | .03 | .072 | 0.040 | <5.0 |
| Zinc | 2.0 | .27 | .23 | 0.83 | <2.0 |

9.2.1
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BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: JB57522
Account: AKRFNYNY - AKRF
Project: Flushing Commons, Union Street, Flushing, NY

QC Batch ID: MP77186
Matrix Type: SOLID

Methods: SW846 6010C
Units: mg/kg

Prep Date:

| |
|-------|
| Metal |
|-------|

| | | | |
|-----------|-----|-----|------|
| Zirconium | 2.0 | .03 | .056 |
|-----------|-----|-----|------|

Associated samples MP77186: JB57522-1, JB57522-2, JB57522-3, JB57522-4

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JB57522
 Account: AKRFNYNY - AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

QC Batch ID: MP77186
 Matrix Type: SOLID

Methods: SW846 6010C
 Units: mg/kg

Prep Date: 01/14/14

| Metal | JB57522-2 Original MS | | SpikeLot MPIRS1 | % Rec | QC Limits |
|------------|--------------------------|-------|--------------------|----------|--------------|
| Aluminum | 5550 | 9460 | 5680 | 68.8N(a) | 75-125 |
| Antimony | 0.50 | 70.2 | 105 | 66.2N(a) | 75-125 |
| Arsenic | 1.4 | 409 | 421 | 96.8 | 75-125 |
| Barium | 32.3 | 438 | 421 | 96.4 | 75-125 |
| Beryllium | 0.91 | 10.9 | 10.5 | 94.9 | 75-125 |
| Bismuth | | | | | |
| Boron | | | | | |
| Cadmium | 0.088 | 9.6 | 10.5 | 90.4 | 75-125 |
| Calcium | 600 | 1800 | 1320 | 91.2 | 75-125 |
| Chromium | 16.4 | 53.9 | 42.1 | 89.1 | 75-125 |
| Cobalt | 4.8 | 103 | 105 | 93.3 | 75-125 |
| Copper | 8.0 | 55.7 | 52.6 | 90.7 | 75-125 |
| Iron | 11200 | 15200 | 5470 | 73.1N(a) | 75-125 |
| Lead | 3.0 | 105 | 105 | 96.9 | 75-125 |
| Lithium | | | | | |
| Magnesium | 2270 | 2540 | 1320 | 20.5N(a) | 75-125 |
| Manganese | 160 | 281 | 105 | 115.0 | 75-125 |
| Molybdenum | | | | | |
| Nickel | 11.7 | 111 | 105 | 94.4 | 75-125 |
| Palladium | | | | | |
| Potassium | 1930 | 2390 | 1320 | 35.0N(a) | 75-125 |
| Selenium | 0.30 | 396 | 421 | 94.0 | 75-125 |
| Silicon | | | | | |
| Silver | 0.88 | 11.3 | 10.5 | 99.0 | 75-125 |
| Sodium | 239 | 1450 | 1320 | 92.1 | 75-125 |
| Strontium | | | | | |
| Sulfur | | | | | |
| Thallium | 0.79 | 400 | 421 | 94.9 | 75-125 |
| Tin | | | | | |
| Titanium | | | | | |
| Tungsten | | | | | |
| Vanadium | 19.8 | 118 | 105 | 93.3 | 75-125 |
| Zinc | 22.6 | 117 | 105 | 89.7 | 75-125 |

9.2.2
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MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JB57522
Account: AKRFNYNY - AKRF
Project: Flushing Commons, Union Street, Flushing, NY

QC Batch ID: MP77186
Matrix Type: SOLID

Methods: SW846 6010C
Units: mg/kg

Prep Date:

Metal

Zirconium

Associated samples MP77186: JB57522-1, JB57522-2, JB57522-3, JB57522-4

Results < IDL are shown as zero for calculation purposes

(*) Outside of QC limits

(N) Matrix Spike Rec. outside of QC limits

(anr) Analyte not requested

(a) Spike recovery indicates possible matrix interference and/or sample nonhomogeneity.

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JB57522
 Account: AKRFNYNY - AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

QC Batch ID: MP77186
 Matrix Type: SOLID

Methods: SW846 6010C
 Units: mg/kg

Prep Date: 01/14/14

| Metal | JB57522-2 Original MSD | | SpikeLot MPIRS1 | % Rec | MSD RPD | QC Limit |
|------------|---------------------------|-------|--------------------|----------|------------|-------------|
| Aluminum | 5550 | 8630 | 5410 | 56.9N(a) | 9.2 | 20 |
| Antimony | 0.50 | 69.0 | 100 | 68.4N(a) | 1.7 | 20 |
| Arsenic | 1.4 | 392 | 401 | 97.5 | 4.2 | 20 |
| Barium | 32.3 | 417 | 401 | 96.0 | 4.9 | 20 |
| Beryllium | 0.91 | 10.3 | 10 | 93.7 | 5.7 | 20 |
| Bismuth | | | | | | |
| Boron | | | | | | |
| Cadmium | 0.088 | 9.1 | 10 | 90.0 | 5.3 | 20 |
| Calcium | 600 | 1610 | 1250 | 80.7 | 11.1 | 20 |
| Chromium | 16.4 | 52.0 | 40.1 | 88.9 | 3.6 | 20 |
| Cobalt | 4.8 | 98.0 | 100 | 93.1 | 5.0 | 20 |
| Copper | 8.0 | 52.7 | 50.1 | 89.3 | 5.5 | 20 |
| Iron | 11200 | 13100 | 5210 | 36.5N(a) | 14.8 | 20 |
| Lead | 3.0 | 100 | 100 | 96.8 | 4.9 | 20 |
| Lithium | | | | | | |
| Magnesium | 2270 | 2300 | 1250 | 2.4N (a) | 9.9 | 20 |
| Manganese | 160 | 220 | 100 | 59.9N(a) | 24.4 (b) | 20 |
| Molybdenum | | | | | | |
| Nickel | 11.7 | 105 | 100 | 93.2 | 5.6 | 20 |
| Palladium | | | | | | |
| Potassium | 1930 | 2140 | 1250 | 16.8N(a) | 11.0 | 20 |
| Selenium | 0.30 | 380 | 401 | 94.8 | 4.1 | 20 |
| Silicon | | | | | | |
| Silver | 0.88 | 10.8 | 10 | 99.0 | 4.5 | 20 |
| Sodium | 239 | 1380 | 1250 | 91.1 | 4.9 | 20 |
| Strontium | | | | | | |
| Sulfur | | | | | | |
| Thallium | 0.79 | 383 | 401 | 95.4 | 4.3 | 20 |
| Tin | | | | | | |
| Titanium | | | | | | |
| Tungsten | | | | | | |
| Vanadium | 19.8 | 111 | 100 | 91.1 | 6.1 | 20 |
| Zinc | 22.6 | 112 | 100 | 89.3 | 4.4 | 20 |

9.2.2
 9

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JB57522
Account: AKRFNYNY - AKRF
Project: Flushing Commons, Union Street, Flushing, NY

QC Batch ID: MP77186
Matrix Type: SOLID

Methods: SW846 6010C
Units: mg/kg

Prep Date:

Metal

Zirconium

Associated samples MP77186: JB57522-1, JB57522-2, JB57522-3, JB57522-4

Results < IDL are shown as zero for calculation purposes

- (*) Outside of QC limits
- (N) Matrix Spike Rec. outside of QC limits
- (anr) Analyte not requested
- (a) Spike recovery indicates possible matrix interference and/or sample nonhomogeneity.
- (b) High rpd due to possible sample nonhomogeneity.

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: JB57522
 Account: AKRFNYNY - AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

QC Batch ID: MP77186
 Matrix Type: SOLID

Methods: SW846 6010C
 Units: mg/kg

Prep Date: 01/14/14

| Metal | BSP Result | Spikelot MPIRS1 | % Rec | QC Limits |
|------------|------------|-----------------|-------|-----------|
| Aluminum | 5140 | 5290 | 97.1 | 80-120 |
| Antimony | 93.8 | 98 | 95.7 | 80-120 |
| Arsenic | 382 | 392 | 97.4 | 80-120 |
| Barium | 386 | 392 | 98.4 | 80-120 |
| Beryllium | 9.6 | 9.8 | 97.9 | 80-120 |
| Bismuth | | | | |
| Boron | | | | |
| Cadmium | 8.8 | 9.8 | 89.8 | 80-120 |
| Calcium | 1160 | 1230 | 94.7 | 80-120 |
| Chromium | 39.0 | 39.2 | 99.5 | 80-120 |
| Cobalt | 92.9 | 98 | 94.8 | 80-120 |
| Copper | 44.7 | 49 | 91.2 | 80-120 |
| Iron | 4970 | 5100 | 97.5 | 80-120 |
| Lead | 96.8 | 98 | 98.7 | 80-120 |
| Lithium | | | | |
| Magnesium | 1100 | 1230 | 89.8 | 80-120 |
| Manganese | 97.9 | 98 | 99.9 | 80-120 |
| Molybdenum | | | | |
| Nickel | 95.3 | 98 | 97.2 | 80-120 |
| Palladium | | | | |
| Potassium | 1180 | 1230 | 96.3 | 80-120 |
| Selenium | 371 | 392 | 94.6 | 80-120 |
| Silicon | | | | |
| Silver | 9.8 | 9.8 | 100.0 | 80-120 |
| Sodium | 1190 | 1230 | 97.1 | 80-120 |
| Strontium | | | | |
| Sulfur | | | | |
| Thallium | 379 | 392 | 96.6 | 80-120 |
| Tin | | | | |
| Titanium | | | | |
| Tungsten | | | | |
| Vanadium | 93.7 | 98 | 95.6 | 80-120 |
| Zinc | 97.0 | 98 | 98.9 | 80-120 |

9.2.3
9

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: JB57522
Account: AKRFNYNY - AKRF
Project: Flushing Commons, Union Street, Flushing, NY

QC Batch ID: MP77186
Matrix Type: SOLID

Methods: SW846 6010C
Units: mg/kg

Prep Date:

Metal

Zirconium

Associated samples MP77186: JB57522-1, JB57522-2, JB57522-3, JB57522-4

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

9.2.3

9

SERIAL DILUTION RESULTS SUMMARY

Login Number: JB57522
 Account: AKRFNYNY - AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

QC Batch ID: MP77186
 Matrix Type: SOLID

Methods: SW846 6010C
 Units: ug/l

Prep Date: 01/14/14

| Metal | JB57522-2 Original | SDL 1:5 | %DIF | QC Limits |
|------------|-----------------------|---------|----------|--------------|
| Aluminum | 50600 | 51000 | 0.7 | 0-10 |
| Antimony | 4.60 | 6.40 | 39.1 (a) | 0-10 |
| Arsenic | 12.8 | 7.70 | 39.8 (a) | 0-10 |
| Barium | 294 | 299 | 1.7 | 0-10 |
| Beryllium | 8.30 | 8.10 | 2.4 | 0-10 |
| Bismuth | | | | |
| Boron | | | | |
| Cadmium | 0.800 | 0.00 | 100.0(a) | 0-10 |
| Calcium | 5470 | 5640 | 3.1 | 0-10 |
| Chromium | 149 | 152 | 1.8 | 0-10 |
| Cobalt | 44.2 | 43.4 | 1.8 | 0-10 |
| Copper | 73.0 | 72.6 | 0.5 | 0-10 |
| Iron | 102000 | 106000 | 4.1 | 0-10 |
| Lead | 27.3 | 23.0 | 15.8 (a) | 0-10 |
| Lithium | | | | |
| Magnesium | 20700 | 21000 | 1.5 | 0-10 |
| Manganese | 1460 | 1510 | 3.9 | 0-10 |
| Molybdenum | | | | |
| Nickel | 106 | 109 | 2.4 | 0-10 |
| Palladium | | | | |
| Potassium | 17600 | 17700 | 0.6 | 0-10 |
| Selenium | 2.70 | 0.00 | 100.0(a) | 0-10 |
| Silicon | | | | |
| Silver | 8.00 | 9.20 | 15.0 (a) | 0-10 |
| Sodium | 2180 | 2120 | 2.7 | 0-10 |
| Strontium | | | | |
| Sulfur | | | | |
| Thallium | 7.20 | 0.00 | 100.0(a) | 0-10 |
| Tin | | | | |
| Titanium | | | | |
| Tungsten | | | | |
| Vanadium | 181 | 184 | 1.4 | 0-10 |
| Zinc | 206 | 220 | 7.0 | 0-10 |

9.2.4
 9

SERIAL DILUTION RESULTS SUMMARY

Login Number: JB57522
Account: AKRFNYNY - AKRF
Project: Flushing Commons, Union Street, Flushing, NY

QC Batch ID: MP77186
Matrix Type: SOLID

Methods: SW846 6010C
Units: ug/l

Prep Date:

Metal

Zirconium

Associated samples MP77186: JB57522-1, JB57522-2, JB57522-3, JB57522-4

Results < IDL are shown as zero for calculation purposes

(*) Outside of QC limits

(anr) Analyte not requested

(a) Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: JB57522
Account: AKRFNYNY - AKRF
Project: Flushing Commons, Union Street, Flushing, NY

QC Batch ID: MP77214
Matrix Type: SOLID

Methods: SW846 6010C
Units: mg/kg

Prep Date: 01/15/14

| Metal | RL | IDL | MDL | MB raw | final |
|------------|------|-------|------|-----------|-------|
| Aluminum | 50 | .61 | 1.5 | 13.5 | <50 |
| Antimony | 2.0 | .089 | .23 | 0.089 | <2.0 |
| Arsenic | 2.0 | .15 | .23 | 0.0099 | <2.0 |
| Barium | 20 | .02 | .053 | 0.29 | <20 |
| Beryllium | 0.20 | .0079 | .015 | 0.0 | <0.20 |
| Bismuth | 2.0 | .13 | .14 | | |
| Boron | 9.9 | .12 | .14 | | |
| Cadmium | 0.50 | .03 | .07 | 0.020 | <0.50 |
| Calcium | 500 | 1.5 | 8.3 | 6.4 | <500 |
| Chromium | 0.99 | .04 | .073 | 0.15 | <0.99 |
| Cobalt | 5.0 | .03 | .065 | -0.0099 | <5.0 |
| Copper | 2.5 | .069 | .082 | 0.33 | <2.5 |
| Iron | 50 | .99 | 2.8 | 17.3 | <50 |
| Lead | 2.0 | .12 | .21 | 0.50 | <2.0 |
| Lithium | 2.0 | .059 | .14 | | |
| Magnesium | 500 | 1.9 | 9.2 | 3.6 | <500 |
| Manganese | 1.5 | .02 | .053 | 0.23 | <1.5 |
| Molybdenum | 2.0 | .03 | .14 | | |
| Nickel | 4.0 | .04 | .078 | 0.11 | <4.0 |
| Palladium | 5.0 | .099 | .26 | | |
| Potassium | 990 | 3.6 | 6 | 4.7 | <990 |
| Selenium | 2.0 | .15 | .26 | 0.16 | <2.0 |
| Silicon | 20 | .73 | 3.6 | | |
| Silver | 0.50 | .04 | .1 | 0.050 | <0.50 |
| Sodium | 990 | 1.6 | 2 | 0.23 | <990 |
| Strontium | 0.99 | .0089 | .024 | | |
| Sulfur | 5.0 | .77 | .33 | | |
| Thallium | 0.99 | .19 | .29 | -0.079 | <0.99 |
| Tin | 5.0 | .099 | .76 | | |
| Titanium | 0.99 | .03 | .092 | | |
| Tungsten | 5.0 | .35 | 1.7 | | |
| Vanadium | 5.0 | .03 | .072 | 0.040 | <5.0 |
| Zinc | 2.0 | .27 | .23 | 0.74 | <2.0 |

9.3.1
9

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: JB57522
Account: AKRFNYNY - AKRF
Project: Flushing Commons, Union Street, Flushing, NY

QC Batch ID: MP77214
Matrix Type: SOLID

Methods: SW846 6010C
Units: mg/kg

Prep Date:

| |
|-------|
| Metal |
|-------|

| | | | |
|-----------|-----|-----|------|
| Zirconium | 2.0 | .03 | .056 |
|-----------|-----|-----|------|

Associated samples MP77214: JB57666-1, JB57666-2

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JB57522
 Account: AKRFNYNY - AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

QC Batch ID: MP77214
 Matrix Type: SOLID

Methods: SW846 6010C
 Units: mg/kg

Prep Date: 01/15/14

| Metal | JB57666-1 Original MS | | SpikeLot MPIOS5 | % Rec | QC Limits |
|------------|--------------------------|-------|--------------------|-----------|--------------|
| Aluminum | 11800 | 19600 | 6060 | 128.7N(a) | 75-125 |
| Antimony | 0.70 | 48.5 | 112 | 42.6N(a) | 75-125 |
| Arsenic | 2.4 | 380 | 449 | 84.1 | 75-125 |
| Barium | 68.6 | 459 | 449 | 86.9 | 75-125 |
| Beryllium | 1.5 | 11.3 | 11.2 | 87.3 | 75-125 |
| Bismuth | | | | | |
| Boron | | | | | |
| Cadmium | 0.16 | 9.0 | 11.2 | 78.7 | 75-125 |
| Calcium | 878 | 2130 | 1400 | 89.2 | 75-125 |
| Chromium | 31.0 | 72.5 | 44.9 | 92.4 | 75-125 |
| Cobalt | 8.7 | 102 | 112 | 83.1 | 75-125 |
| Copper | 20.4 | 65.0 | 56.1 | 79.5 | 75-125 |
| Iron | 21400 | 27200 | 5840 | 99.4 | 75-125 |
| Lead | 7.2 | 104 | 112 | 86.2 | 75-125 |
| Lithium | | | | | |
| Magnesium | 3390 | 4810 | 1400 | 101.2 | 75-125 |
| Manganese | 412 | 474 | 112 | 55.2N(a) | 75-125 |
| Molybdenum | anr | | | | |
| Nickel | 24.6 | 121 | 112 | 85.9 | 75-125 |
| Palladium | | | | | |
| Potassium | 2770 | 4170 | 1400 | 99.8 | 75-125 |
| Selenium | 0.52 | 366 | 449 | 81.4 | 75-125 |
| Silicon | | | | | |
| Silver | 1.4 | 11.5 | 11.2 | 90.0 | 75-125 |
| Sodium | 219 | 1460 | 1400 | 88.4 | 75-125 |
| Strontium | | | | | |
| Sulfur | anr | | | | |
| Thallium | 0.98 | 374 | 449 | 83.1 | 75-125 |
| Tin | | | | | |
| Titanium | | | | | |
| Tungsten | | | | | |
| Vanadium | 35.8 | 133 | 112 | 86.6 | 75-125 |
| Zinc | 37.4 | 130 | 112 | 82.5 | 75-125 |

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JB57522
Account: AKRFNYNY - AKRF
Project: Flushing Commons, Union Street, Flushing, NY

QC Batch ID: MP77214
Matrix Type: SOLID

Methods: SW846 6010C
Units: mg/kg

Prep Date:

Metal

Zirconium

Associated samples MP77214: JB57666-1, JB57666-2

Results < IDL are shown as zero for calculation purposes

(*) Outside of QC limits

(N) Matrix Spike Rec. outside of QC limits

(anr) Analyte not requested

(a) Spike recovery indicates possible matrix interference and/or sample nonhomogeneity.

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JB57522
 Account: AKRFNYNY - AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

QC Batch ID: MP77214
 Matrix Type: SOLID

Methods: SW846 6010C
 Units: mg/kg

Prep Date: 01/15/14

| Metal | JB57666-1 Original MSD | 20200 | SpikeLot MPIOS5 | % Rec | MSD RPD | QC Limit |
|------------|---------------------------|-------|--------------------|-----------|------------|-------------|
| Aluminum | 11800 | 20200 | 6120 | 137.2N(a) | 3.0 | 20 |
| Antimony | 0.70 | 48.0 | 113 | 41.7N(a) | 1.0 | 20 |
| Arsenic | 2.4 | 389 | 454 | 85.2 | 2.3 | 20 |
| Barium | 68.6 | 475 | 454 | 89.6 | 3.4 | 20 |
| Beryllium | 1.5 | 11.5 | 11.3 | 88.2 | 1.8 | 20 |
| Bismuth | | | | | | |
| Boron | | | | | | |
| Cadmium | 0.16 | 9.2 | 11.3 | 79.7 | 2.2 | 20 |
| Calcium | 878 | 2170 | 1420 | 91.1 | 1.9 | 20 |
| Chromium | 31.0 | 71.4 | 45.4 | 89.1 | 1.5 | 20 |
| Cobalt | 8.7 | 105 | 113 | 84.9 | 2.9 | 20 |
| Copper | 20.4 | 68.0 | 56.7 | 83.9 | 4.5 | 20 |
| Iron | 21400 | 27300 | 5900 | 100.0 | 0.4 | 20 |
| Lead | 7.2 | 107 | 113 | 88.0 | 2.8 | 20 |
| Lithium | | | | | | |
| Magnesium | 3390 | 4790 | 1420 | 98.8 | 0.4 | 20 |
| Manganese | 412 | 536 | 113 | 109.3 | 12.3 | 20 |
| Molybdenum | anr | | | | | |
| Nickel | 24.6 | 125 | 113 | 88.5 | 3.3 | 20 |
| Palladium | | | | | | |
| Potassium | 2770 | 4440 | 1420 | 117.8 | 6.3 | 20 |
| Selenium | 0.52 | 375 | 454 | 82.5 | 2.4 | 20 |
| Silicon | | | | | | |
| Silver | 1.4 | 11.7 | 11.3 | 90.8 | 1.7 | 20 |
| Sodium | 219 | 1490 | 1420 | 89.7 | 2.0 | 20 |
| Strontium | | | | | | |
| Sulfur | anr | | | | | |
| Thallium | 0.98 | 384 | 454 | 84.4 | 2.6 | 20 |
| Tin | | | | | | |
| Titanium | | | | | | |
| Tungsten | | | | | | |
| Vanadium | 35.8 | 133 | 113 | 85.7 | 0.0 | 20 |
| Zinc | 37.4 | 132 | 113 | 83.4 | 1.5 | 20 |

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JB57522
Account: AKRFNYNY - AKRF
Project: Flushing Commons, Union Street, Flushing, NY

QC Batch ID: MP77214
Matrix Type: SOLID

Methods: SW846 6010C
Units: mg/kg

Prep Date:

Metal

Zirconium

Associated samples MP77214: JB57666-1, JB57666-2

Results < IDL are shown as zero for calculation purposes

(*) Outside of QC limits

(N) Matrix Spike Rec. outside of QC limits

(anr) Analyte not requested

(a) Spike recovery indicates possible matrix interference and/or sample nonhomogeneity.

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: JB57522
 Account: AKRFNYNY - AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

QC Batch ID: MP77214
 Matrix Type: SOLID

Methods: SW846 6010C
 Units: mg/kg

Prep Date: 01/15/14

| Metal | BSP Result | Spikelot MPIO5 | % Rec | QC Limits |
|------------|------------|----------------|-------|-----------|
| Aluminum | 4870 | 5290 | 92.0 | 80-120 |
| Antimony | 90.9 | 98 | 92.7 | 80-120 |
| Arsenic | 373 | 392 | 95.1 | 80-120 |
| Barium | 371 | 392 | 94.6 | 80-120 |
| Beryllium | 9.3 | 9.8 | 94.9 | 80-120 |
| Bismuth | | | | |
| Boron | | | | |
| Cadmium | 8.6 | 9.8 | 87.7 | 80-120 |
| Calcium | 1090 | 1230 | 88.9 | 80-120 |
| Chromium | 36.9 | 39.2 | 94.1 | 80-120 |
| Cobalt | 90.3 | 98 | 92.1 | 80-120 |
| Copper | 42.3 | 49 | 86.3 | 80-120 |
| Iron | 4720 | 5100 | 92.6 | 80-120 |
| Lead | 95.5 | 98 | 97.4 | 80-120 |
| Lithium | | | | |
| Magnesium | 1040 | 1230 | 84.9 | 80-120 |
| Manganese | 93.3 | 98 | 95.2 | 80-120 |
| Molybdenum | anr | | | |
| Nickel | 93.0 | 98 | 94.9 | 80-120 |
| Palladium | | | | |
| Potassium | 1120 | 1230 | 91.4 | 80-120 |
| Selenium | 362 | 392 | 92.3 | 80-120 |
| Silicon | | | | |
| Silver | 9.5 | 9.8 | 96.9 | 80-120 |
| Sodium | 1130 | 1230 | 92.2 | 80-120 |
| Strontium | | | | |
| Sulfur | anr | | | |
| Thallium | 375 | 392 | 95.6 | 80-120 |
| Tin | | | | |
| Titanium | | | | |
| Tungsten | | | | |
| Vanadium | 89.2 | 98 | 91.0 | 80-120 |
| Zinc | 94.2 | 98 | 96.1 | 80-120 |

9.3.3
9

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: JB57522
Account: AKRFNYNY - AKRF
Project: Flushing Commons, Union Street, Flushing, NY

QC Batch ID: MP77214
Matrix Type: SOLID

Methods: SW846 6010C
Units: mg/kg

Prep Date:

Metal

Zirconium

Associated samples MP77214: JB57666-1, JB57666-2

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

SERIAL DILUTION RESULTS SUMMARY

Login Number: JB57522
 Account: AKRFNYNY - AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

QC Batch ID: MP77214
 Matrix Type: SOLID

Methods: SW846 6010C
 Units: ug/l

Prep Date: 01/15/14

| Metal | JB57666-1 Original | SDL 1:5 | %DIF | QC Limits |
|------------|-----------------------|---------|----------|--------------|
| Aluminum | 112000 | 116000 | 4.1 | 0-10 |
| Antimony | 6.60 | 8.70 | 31.8 (a) | 0-10 |
| Arsenic | 22.9 | 25.8 | 12.7 (a) | 0-10 |
| Barium | 648 | 687 | 6.0 | 0-10 |
| Beryllium | 13.8 | 14.6 | 5.8 | 0-10 |
| Bismuth | | | | |
| Boron | | | | |
| Cadmium | 1.50 | 0.00 | 100.0(a) | 0-10 |
| Calcium | 8300 | 8830 | 6.4 | 0-10 |
| Chromium | 293 | 317 | 8.0 | 0-10 |
| Cobalt | 82.4 | 83.4 | 1.2 | 0-10 |
| Copper | 193 | 200 | 3.7 | 0-10 |
| Iron | 202000 | 224000 | 10.5*(b) | 0-10 |
| Lead | 67.6 | 71.0 | 5.0 | 0-10 |
| Lithium | | | | |
| Magnesium | 32000 | 33700 | 5.2 | 0-10 |
| Manganese | 3890 | 4340 | 11.6*(b) | 0-10 |
| Molybdenum | anr | | | |
| Nickel | 232 | 236 | 1.8 | 0-10 |
| Palladium | | | | |
| Potassium | 26200 | 27200 | 4.1 | 0-10 |
| Selenium | 4.90 | 0.00 | 100.0(a) | 0-10 |
| Silicon | | | | |
| Silver | 13.2 | 15.3 | 15.9 (a) | 0-10 |
| Sodium | 2070 | 2100 | 1.1 | 0-10 |
| Strontium | | | | |
| Sulfur | anr | | | |
| Thallium | 9.30 | 0.00 | 100.0(a) | 0-10 |
| Tin | | | | |
| Titanium | | | | |
| Tungsten | | | | |
| Vanadium | 338 | 364 | 7.5 | 0-10 |
| Zinc | 353 | 377 | 6.7 | 0-10 |

9.3.4
 9

SERIAL DILUTION RESULTS SUMMARY

Login Number: JB57522
Account: AKRFNYNY - AKRF
Project: Flushing Commons, Union Street, Flushing, NY

QC Batch ID: MP77214
Matrix Type: SOLID

Methods: SW846 6010C
Units: ug/l

Prep Date:

Metal

Zirconium

Associated samples MP77214: JB57666-1, JB57666-2

Results < IDL are shown as zero for calculation purposes

(*) Outside of QC limits

(anr) Analyte not requested

(a) Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

(b) Serial dilution indicates possible matrix interference.

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: JB57522
Account: AKRFNYNY - AKRF
Project: Flushing Commons, Union Street, Flushing, NY

QC Batch ID: MP77217
Matrix Type: SOLID

Methods: SW846 7471B
Units: mg/kg

Prep Date: 01/15/14

| Metal | RL | IDL | MDL | MB raw | final |
|---------|-------|-------|-------|-----------|--------|
| Mercury | 0.033 | .0038 | .0063 | 0.0043 | <0.033 |

Associated samples MP77217: JB57666-1, JB57666-2

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JB57522
 Account: AKRFNYNY - AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

QC Batch ID: MP77217
 Matrix Type: SOLID

Methods: SW846 7471B
 Units: mg/kg

Prep Date: 01/15/14

| Metal | JB57532-7 Original MS | SpikeLot HGPWS1 | % Rec | QC Limits |
|-------|--------------------------|--------------------|-------|--------------|
|-------|--------------------------|--------------------|-------|--------------|

| | | | | | |
|---------|------|------|-------|------|--------|
| Mercury | 0.32 | 0.66 | 0.353 | 96.4 | 75-125 |
|---------|------|------|-------|------|--------|

Associated samples MP77217: JB57666-1, JB57666-2

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (N) Matrix Spike Rec. outside of QC limits
 (anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JB57522
 Account: AKRFNYNY - AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

QC Batch ID: MP77217
 Matrix Type: SOLID

Methods: SW846 7471B
 Units: mg/kg

Prep Date: 01/15/14

| Metal | JB57532-7 Original MSD | SpikeLot HGPWS1 | % Rec | MSD RPD | QC Limit |
|---------|---------------------------|--------------------|-------|------------|-------------|
| Mercury | 0.32 | 0.71 | 0.355 | 109.8 | 7.3 20 |

Associated samples MP77217: JB57666-1, JB57666-2

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (N) Matrix Spike Rec. outside of QC limits
 (anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: JB57522
Account: AKRFNYNY - AKRF
Project: Flushing Commons, Union Street, Flushing, NY

QC Batch ID: MP77217
Matrix Type: SOLID

Methods: SW846 7471B
Units: mg/kg

Prep Date: 01/15/14

| Metal | LCS Result | Spikelot HGLCS54080% Rec | QC Limits |
|-------|---------------|-----------------------------|--------------|
|-------|---------------|-----------------------------|--------------|

Mercury 19.3 19.9 97.0 69-130

Associated samples MP77217: JB57666-1, JB57666-2

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: JB57522
Account: AKRFNYNY - AKRF
Project: Flushing Commons, Union Street, Flushing, NY

QC Batch ID: MP77247
Matrix Type: SOLID

Methods: SW846 6010C
Units: mg/kg

Prep Date: 01/16/14

| Metal | RL | IDL | MDL | MB raw | final |
|------------|------|-------|------|-----------|-------|
| Aluminum | 50 | .82 | 1.5 | 2.4 | <50 |
| Antimony | 2.0 | .13 | .23 | -0.089 | <2.0 |
| Arsenic | 2.0 | .079 | .23 | 0.079 | <2.0 |
| Barium | 20 | .089 | .053 | 0.089 | <20 |
| Beryllium | 0.20 | .004 | .015 | 0.0099 | <0.20 |
| Bismuth | 2.0 | .099 | .14 | | |
| Boron | 9.9 | .18 | .14 | | |
| Cadmium | 0.50 | .02 | .07 | 0.0099 | <0.50 |
| Calcium | 500 | 1.2 | 8.3 | 2.2 | <500 |
| Chromium | 0.99 | .05 | .073 | 0.059 | <0.99 |
| Cobalt | 5.0 | .03 | .065 | 0.0 | <5.0 |
| Copper | 2.5 | .14 | .082 | -0.030 | <2.5 |
| Iron | 50 | .6 | 2.8 | 5.0 | <50 |
| Lead | 2.0 | .099 | .21 | 0.069 | <2.0 |
| Lithium | 2.0 | .13 | .14 | | |
| Magnesium | 500 | 3.4 | 9.2 | 1.5 | <500 |
| Manganese | 1.5 | .0089 | .053 | 0.11 | <1.5 |
| Molybdenum | 2.0 | .05 | .14 | | |
| Nickel | 4.0 | .04 | .078 | 0.030 | <4.0 |
| Palladium | 5.0 | .13 | .26 | | |
| Potassium | 990 | 4.8 | 6 | -0.50 | <990 |
| Selenium | 2.0 | .21 | .26 | 0.079 | <2.0 |
| Silicon | 20 | .9 | 3.6 | | |
| Silver | 0.50 | .04 | .1 | -0.030 | <0.50 |
| Sodium | 990 | 1 | 2 | 1.3 | <990 |
| Strontium | 0.99 | .02 | .024 | | |
| Sulfur | 5.0 | .17 | .33 | | |
| Thallium | 0.99 | .16 | .29 | 0.16 | <0.99 |
| Tin | 5.0 | .089 | .76 | | |
| Titanium | 0.99 | .079 | .092 | | |
| Tungsten | 5.0 | .88 | 1.7 | | |
| Vanadium | 5.0 | .03 | .072 | 0.030 | <5.0 |
| Zinc | 2.0 | .36 | .23 | 0.15 | <2.0 |

9.5.1
9

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: JB57522
Account: AKRFNYNY - AKRF
Project: Flushing Commons, Union Street, Flushing, NY

QC Batch ID: MP77247
Matrix Type: SOLID

Methods: SW846 6010C
Units: mg/kg

Prep Date:

| |
|-------|
| Metal |
|-------|

Zirconium 2.0 .04 .056

Associated samples MP77247: JB57834-1, JB57834-2, JB57834-3, JB57834-4, JB57834-5

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JB57522
 Account: AKRFNYNY - AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

QC Batch ID: MP77247
 Matrix Type: SOLID

Methods: SW846 6010C
 Units: mg/kg

Prep Date: 01/16/14

| Metal | JB57789-22 Original MS | | SpikeLot MPIO5 | % Rec | QC Limits |
|------------|---------------------------|-------|-------------------|-----------|--------------|
| Aluminum | 8170 | 14600 | 5840 | 110.2 | 75-125 |
| Antimony | 0.0 | 49.1 | 108 | 45.4N(a) | 75-125 |
| Arsenic | 2.6 | 390 | 432 | 89.6 | 75-125 |
| Barium | 29.6 | 418 | 432 | 89.8 | 75-125 |
| Beryllium | 0.47 | 10.1 | 10.8 | 89.1 | 75-125 |
| Bismuth | | | | | |
| Boron | | | | | |
| Cadmium | 0.033 | 10.1 | 10.8 | 93.1 | 75-125 |
| Calcium | 2050 | 3770 | 1350 | 127.3N(a) | 75-125 |
| Chromium | 14.8 | 52.7 | 43.2 | 87.7 | 75-125 |
| Cobalt | 7.6 | 105 | 108 | 90.1 | 75-125 |
| Copper | 15.6 | 60.8 | 54 | 83.6 | 75-125 |
| Iron | 19900 | 25800 | 5620 | 105.0 | 75-125 |
| Lead | 10.9 | 110 | 108 | 91.7 | 75-125 |
| Lithium | | | | | |
| Magnesium | 2330 | 4280 | 1350 | 144.3N(a) | 75-125 |
| Manganese | 190 | 281 | 108 | 84.2 | 75-125 |
| Molybdenum | anr | | | | |
| Nickel | 9.6 | 107 | 108 | 90.1 | 75-125 |
| Palladium | | | | | |
| Potassium | 858 | 2150 | 1350 | 95.6 | 75-125 |
| Selenium | 0.29 | 379 | 432 | 87.6 | 75-125 |
| Silicon | | | | | |
| Silver | 0.30 | 9.1 | 10.8 | 81.4 | 75-125 |
| Sodium | 143 | 1410 | 1350 | 93.8 | 75-125 |
| Strontium | | | | | |
| Sulfur | anr | | | | |
| Thallium | 0.0 | 396 | 432 | 91.6 | 75-125 |
| Tin | | | | | |
| Titanium | | | | | |
| Tungsten | | | | | |
| Vanadium | 33.7 | 126 | 108 | 85.4 | 75-125 |
| Zinc | 20.8 | 115 | 108 | 87.2 | 75-125 |

9.5.2
9

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JB57522
Account: AKRFNYNY - AKRF
Project: Flushing Commons, Union Street, Flushing, NY

QC Batch ID: MP77247
Matrix Type: SOLID

Methods: SW846 6010C
Units: mg/kg

Prep Date:

Metal

Zirconium

Associated samples MP77247: JB57834-1, JB57834-2, JB57834-3, JB57834-4, JB57834-5

Results < IDL are shown as zero for calculation purposes

(*) Outside of QC limits

(N) Matrix Spike Rec. outside of QC limits

(anr) Analyte not requested

(a) Spike recovery indicates possible matrix interference and/or sample nonhomogeneity.

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JB57522
 Account: AKRFNYNY - AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

QC Batch ID: MP77247
 Matrix Type: SOLID

Methods: SW846 6010C
 Units: mg/kg

Prep Date: 01/16/14

| Metal | JB57789-22 Original MSD | | SpikeLot MPIO5 | % Rec | MSD RPD | QC Limit |
|------------|----------------------------|-------|-------------------|-----------|------------|-------------|
| Aluminum | 8170 | 14700 | 6080 | 107.4 | 0.7 | 20 |
| Antimony | 0.0 | 52.7 | 113 | 46.8N(a) | 7.1 | 20 |
| Arsenic | 2.6 | 406 | 450 | 89.6 | 4.0 | 20 |
| Barium | 29.6 | 426 | 450 | 88.1 | 1.9 | 20 |
| Beryllium | 0.47 | 10.4 | 11.3 | 88.2 | 2.9 | 20 |
| Bismuth | | | | | | |
| Boron | | | | | | |
| Cadmium | 0.033 | 10.4 | 11.3 | 92.1 | 2.9 | 20 |
| Calcium | 2050 | 3850 | 1410 | 127.9N(a) | 2.1 | 20 |
| Chromium | 14.8 | 54.8 | 45 | 88.9 | 3.9 | 20 |
| Cobalt | 7.6 | 107 | 113 | 88.3 | 1.9 | 20 |
| Copper | 15.6 | 65.4 | 56.3 | 88.5 | 7.3 | 20 |
| Iron | 19900 | 29700 | 5850 | 167.5N(a) | 14.1 | 20 |
| Lead | 10.9 | 110 | 113 | 88.1 | 0.0 | 20 |
| Lithium | | | | | | |
| Magnesium | 2330 | 3640 | 1410 | 93.1 | 16.2 | 20 |
| Manganese | 190 | 290 | 113 | 88.9 | 3.2 | 20 |
| Molybdenum | anr | | | | | |
| Nickel | 9.6 | 111 | 113 | 90.1 | 3.7 | 20 |
| Palladium | | | | | | |
| Potassium | 858 | 2020 | 1410 | 82.6 | 6.2 | 20 |
| Selenium | 0.29 | 394 | 450 | 87.5 | 3.9 | 20 |
| Silicon | | | | | | |
| Silver | 0.30 | 9.2 | 11.3 | 79.1 | 1.1 | 20 |
| Sodium | 143 | 1410 | 1410 | 90.1 | 0.0 | 20 |
| Strontium | | | | | | |
| Sulfur | anr | | | | | |
| Thallium | 0.0 | 406 | 450 | 90.2 | 2.5 | 20 |
| Tin | | | | | | |
| Titanium | | | | | | |
| Tungsten | | | | | | |
| Vanadium | 33.7 | 129 | 113 | 84.7 | 2.4 | 20 |
| Zinc | 20.8 | 116 | 113 | 84.6 | 0.9 | 20 |

9.5.2
9

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JB57522
Account: AKRFNYNY - AKRF
Project: Flushing Commons, Union Street, Flushing, NY

QC Batch ID: MP77247
Matrix Type: SOLID

Methods: SW846 6010C
Units: mg/kg

Prep Date:

Metal

Zirconium

Associated samples MP77247: JB57834-1, JB57834-2, JB57834-3, JB57834-4, JB57834-5

Results < IDL are shown as zero for calculation purposes

(*) Outside of QC limits

(N) Matrix Spike Rec. outside of QC limits

(anr) Analyte not requested

(a) Spike recovery indicates possible matrix interference and/or sample nonhomogeneity.

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: JB57522
 Account: AKRFNYNY - AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

QC Batch ID: MP77247
 Matrix Type: SOLID

Methods: SW846 6010C
 Units: mg/kg

Prep Date: 01/16/14 01/16/14

| Metal | LCS Result | Spikelot MPLC54080% Rec | QC Limits | BSP Result | Spikelot MPIO5 % Rec | QC Limits |
|------------|------------|-------------------------|-----------|-------------|----------------------|--------------|
| Aluminum | 9760 | 8840 | 110.4 | 54-146 5230 | 5290 | 98.8 80-120 |
| Antimony | 84.8 | 88.2 | 96.1 | 2-231 87.7 | 98 | 89.5 80-120 |
| Arsenic | 93.6 | 99.6 | 94.0 | 81-119 372 | 392 | 94.9 80-120 |
| Barium | 278 | 310 | 89.7 | 83-117 374 | 392 | 95.4 80-120 |
| Beryllium | 66.9 | 72.3 | 92.5 | 82-118 10 | 9.8 | 102.0 80-120 |
| Bismuth | | | | | | |
| Boron | | | | | | |
| Cadmium | 169 | 182 | 92.9 | 82-118 9.3 | 9.8 | 94.9 80-120 |
| Calcium | 6370 | 6790 | 93.8 | 83-118 1170 | 1230 | 95.5 80-120 |
| Chromium | 128 | 136 | 94.1 | 80-121 37.7 | 39.2 | 96.1 80-120 |
| Cobalt | 121 | 128 | 94.5 | 83-116 91.9 | 98 | 93.7 80-120 |
| Copper | 84.6 | 102 | 82.9 | 81-119 40.6 | 49 | 82.8 80-120 |
| Iron | 13000 | 12600 | 103.2 | 41-158 5070 | 5100 | 99.5 80-120 |
| Lead | 113 | 115 | 98.3 | 82-119 96.3 | 98 | 98.2 80-120 |
| Lithium | | | | | | |
| Magnesium | 3180 | 3010 | 105.6 | 77-123 1140 | 1230 | 93.0 80-120 |
| Manganese | 304 | 323 | 94.1 | 82-117 92.9 | 98 | 94.8 80-120 |
| Molybdenum | anr | | | | | |
| Nickel | 153 | 153 | 100.0 | 82-118 94.1 | 98 | 96.0 80-120 |
| Palladium | | | | | | |
| Potassium | 2820 | 2840 | 99.3 | 71-129 1190 | 1230 | 97.1 80-120 |
| Selenium | 138 | 150 | 92.0 | 77-123 356 | 392 | 90.8 80-120 |
| Silicon | | | | | | |
| Silver | 32.9 | 40.4 | 81.4 | 75-125 8.5 | 9.8 | 86.7 80-120 |
| Sodium | 2540 | 2760 | 92.0 | 71-129 1210 | 1230 | 98.7 80-120 |
| Strontium | | | | | | |
| Sulfur | | | | | | |
| Thallium | 164 | 174 | 94.3 | 79-122 375 | 392 | 95.6 80-120 |
| Tin | | | | | | |
| Titanium | | | | | | |
| Tungsten | | | | | | |
| Vanadium | 94.7 | 97.6 | 97.0 | 77-123 91.2 | 98 | 93.0 80-120 |
| Zinc | 156 | 161 | 96.9 | 81-119 95.9 | 98 | 97.8 80-120 |

9.5.3
9

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: JB57522
Account: AKRFNYNY - AKRF
Project: Flushing Commons, Union Street, Flushing, NY

QC Batch ID: MP77247
Matrix Type: SOLID

Methods: SW846 6010C
Units: mg/kg

Prep Date:

Metal

Zirconium

Associated samples MP77247: JB57834-1, JB57834-2, JB57834-3, JB57834-4, JB57834-5

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

SERIAL DILUTION RESULTS SUMMARY

Login Number: JB57522
 Account: AKRFNYNY - AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

QC Batch ID: MP77247
 Matrix Type: SOLID

Methods: SW846 6010C
 Units: ug/l

Prep Date: 01/16/14

| Metal | JB57789-22 Original | SDL 1:5 | %DIF | QC Limits |
|------------|------------------------|---------|----------|--------------|
| Aluminum | 73300 | 74100 | 1.0 | 0-10 |
| Antimony | 0.00 | 0.00 | NC | 0-10 |
| Arsenic | 23.6 | 25.9 | 9.7 | 0-10 |
| Barium | 265 | 271 | 2.0 | 0-10 |
| Beryllium | 4.20 | 4.20 | 0.0 | 0-10 |
| Bismuth | | | | |
| Boron | | | | |
| Cadmium | 0.300 | 0.00 | 100.0(a) | 0-10 |
| Calcium | 18400 | 19200 | 4.4 | 0-10 |
| Chromium | 133 | 141 | 6.6 | 0-10 |
| Cobalt | 68.0 | 67.3 | 1.0 | 0-10 |
| Copper | 140 | 144 | 3.0 | 0-10 |
| Iron | 179000 | 187000 | 4.3 | 0-10 |
| Lead | 98.1 | 103 | 4.6 | 0-10 |
| Lithium | | | | |
| Magnesium | 20900 | 21200 | 1.3 | 0-10 |
| Manganese | 1710 | 1840 | 7.9 | 0-10 |
| Molybdenum | anr | | | |
| Nickel | 86.0 | 86.7 | 0.8 | 0-10 |
| Palladium | | | | |
| Potassium | 7700 | 7900 | 2.5 | 0-10 |
| Selenium | 2.60 | 0.00 | 100.0(a) | 0-10 |
| Silicon | | | | |
| Silver | 2.70 | 4.70 | 74.1 (a) | 0-10 |
| Sodium | 1290 | 1370 | 6.5 | 0-10 |
| Strontium | | | | |
| Sulfur | anr | | | |
| Thallium | 0.00 | 0.00 | NC | 0-10 |
| Tin | | | | |
| Titanium | | | | |
| Tungsten | | | | |
| Vanadium | 303 | 322 | 6.3 | 0-10 |
| Zinc | 186 | 226 | 21.1*(b) | 0-10 |

9.5.4
 9

SERIAL DILUTION RESULTS SUMMARY

Login Number: JB57522
Account: AKRFNYNY - AKRF
Project: Flushing Commons, Union Street, Flushing, NY

QC Batch ID: MP77247
Matrix Type: SOLID

Methods: SW846 6010C
Units: ug/l

Prep Date:

Metal

Zirconium

Associated samples MP77247: JB57834-1, JB57834-2, JB57834-3, JB57834-4, JB57834-5

Results < IDL are shown as zero for calculation purposes

(*) Outside of QC limits

(anr) Analyte not requested

(a) Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

(b) Serial dilution indicates possible matrix interference.

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: JB57522
Account: AKRFNYNY - AKRF
Project: Flushing Commons, Union Street, Flushing, NY

QC Batch ID: MP77269
Matrix Type: SOLID

Methods: SW846 7471B
Units: mg/kg

Prep Date: 01/17/14

| Metal | RL | IDL | MDL | MB raw | final |
|---------|-------|-------|-------|-----------|--------|
| Mercury | 0.033 | .0038 | .0063 | 0.0027 | <0.033 |

Associated samples MP77269: JB57834-1, JB57834-2, JB57834-3, JB57834-4, JB57834-5

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JB57522
 Account: AKRFNYNY - AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

QC Batch ID: MP77269
 Matrix Type: SOLID

Methods: SW846 7471B
 Units: mg/kg

Prep Date: 01/17/14

| Metal | JB57840-1 Original MS | SpikeLot HGPWS1 | % Rec | QC Limits |
|-------|--------------------------|--------------------|-------|--------------|
|-------|--------------------------|--------------------|-------|--------------|

| | | | | | |
|---------|-------|------|-------|------|--------|
| Mercury | 0.052 | 0.41 | 0.364 | 98.3 | 75-125 |
|---------|-------|------|-------|------|--------|

Associated samples MP77269: JB57834-1, JB57834-2, JB57834-3, JB57834-4, JB57834-5

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (N) Matrix Spike Rec. outside of QC limits
 (anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JB57522
 Account: AKRFNYNY - AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

QC Batch ID: MP77269
 Matrix Type: SOLID

Methods: SW846 7471B
 Units: mg/kg

Prep Date: 01/17/14

| Metal | JB57840-1 Original MSD | SpikeLot HGPWS1 | % Rec | MSD RPD | QC Limit |
|---------|---------------------------|--------------------|-------|------------|-------------|
| Mercury | 0.052 | 0.40 | 0.351 | 99.2 | 2.5 |

Associated samples MP77269: JB57834-1, JB57834-2, JB57834-3, JB57834-4, JB57834-5

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (N) Matrix Spike Rec. outside of QC limits
 (anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: JB57522
Account: AKRFNYNY - AKRF
Project: Flushing Commons, Union Street, Flushing, NY

QC Batch ID: MP77269
Matrix Type: SOLID

Methods: SW846 7471B
Units: mg/kg

Prep Date: 01/17/14

| Metal | LCS Result | Spikelot HGLCS54080% Rec | QC Limits |
|---------|---------------|-----------------------------|--------------|
| Mercury | 19.4 | 19.9 | 97.5 69-130 |

Associated samples MP77269: JB57834-1, JB57834-2, JB57834-3, JB57834-4, JB57834-5

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: JB57522
Account: AKRFNYNY - AKRF
Project: Flushing Commons, Union Street, Flushing, NY

QC Batch ID: MP77302
Matrix Type: SOLID

Methods: SW846 7471B
Units: mg/kg

Prep Date: 01/20/14

| Metal | RL | IDL | MDL | MB raw | final |
|---------|-------|-------|-------|-----------|--------|
| Mercury | 0.033 | .0091 | .0063 | -0.0095 | <0.033 |

Associated samples MP77302: JB58123-3, JB58123-4, JB58123-5, JB58123-6, JB58123-7, JB58123-8

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JB57522
 Account: AKRFNYNY - AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

QC Batch ID: MP77302
 Matrix Type: SOLID

Methods: SW846 7471B
 Units: mg/kg

Prep Date: 01/20/14

| Metal | JB58121-2 Original MS | Spike lot | HGPWS1 | % Rec | QC Limits |
|-------|--------------------------|--------------|--------|-------|--------------|
|-------|--------------------------|--------------|--------|-------|--------------|

Mercury 0.0 0.30 0.355 84.6 75-125

Associated samples MP77302: JB58123-3, JB58123-4, JB58123-5, JB58123-6, JB58123-7, JB58123-8

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (N) Matrix Spike Rec. outside of QC limits
 (anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JB57522
 Account: AKRFNYNY - AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

QC Batch ID: MP77302
 Matrix Type: SOLID

Methods: SW846 7471B
 Units: mg/kg

Prep Date: 01/20/14

| Metal | JB58121-2 Original MSD | SpikeLot HGPWS1 | % Rec | MSD RPD | QC Limit |
|---------|---------------------------|--------------------|-------|------------|-------------|
| Mercury | 0.0 | 0.30 | 0.322 | 93.0 | 0.0 20 |

Associated samples MP77302: JB58123-3, JB58123-4, JB58123-5, JB58123-6, JB58123-7, JB58123-8

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (N) Matrix Spike Rec. outside of QC limits
 (anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: JB57522
Account: AKRFNYNY - AKRF
Project: Flushing Commons, Union Street, Flushing, NY

QC Batch ID: MP77302
Matrix Type: SOLID

Methods: SW846 7471B
Units: mg/kg

Prep Date: 01/20/14

| Metal | LCS Result | Spikelot HGLCS54080% Rec | QC Limits |
|---------|---------------|-----------------------------|--------------|
| Mercury | 17.3 | 19.9 | 86.9 69-130 |

Associated samples MP77302: JB58123-3, JB58123-4, JB58123-5, JB58123-6, JB58123-7, JB58123-8

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: JB57522
Account: AKRFNYNY - AKRF
Project: Flushing Commons, Union Street, Flushing, NY

QC Batch ID: MP77305
Matrix Type: SOLID

Methods: SW846 6010C
Units: mg/kg

Prep Date: 01/20/14

| Metal | RL | IDL | MDL | MB raw | final |
|------------|------|-------|------|-----------|-------|
| Aluminum | 49 | .6 | 1.4 | 1.1 | <49 |
| Antimony | 1.9 | .087 | .23 | -0.097 | <1.9 |
| Arsenic | 1.9 | .15 | .22 | -0.24 | <1.9 |
| Barium | 19 | .019 | .052 | 0.0097 | <19 |
| Beryllium | 0.19 | .0078 | .015 | 0.0 | <0.19 |
| Bismuth | 1.9 | .13 | .14 | | |
| Boron | 9.7 | .12 | .14 | | |
| Cadmium | 0.49 | .029 | .069 | 0.0097 | <0.49 |
| Calcium | 490 | 1.5 | 8.1 | 3.3 | <490 |
| Chromium | 0.97 | .039 | .072 | 0.078 | <0.97 |
| Cobalt | 4.9 | .029 | .064 | -0.0097 | <4.9 |
| Copper | 2.4 | .068 | .081 | 0.078 | <2.4 |
| Iron | 49 | .97 | 2.8 | 1.4 | <49 |
| Lead | 1.9 | .12 | .21 | 0.12 | <1.9 |
| Lithium | 1.9 | .058 | .14 | | |
| Magnesium | 490 | 1.9 | 9 | -0.71 | <490 |
| Manganese | 1.5 | .019 | .052 | 0.029 | <1.5 |
| Molybdenum | 1.9 | .029 | .14 | | |
| Nickel | 3.9 | .039 | .077 | 0.0 | <3.9 |
| Palladium | 4.9 | .097 | .26 | | |
| Potassium | 970 | 3.5 | 5.9 | -0.31 | <970 |
| Selenium | 1.9 | .15 | .25 | 0.26 | <1.9 |
| Silicon | 19 | .47 | 3.5 | | |
| Silver | 0.49 | .039 | .098 | 0.039 | <0.49 |
| Sodium | 970 | 1.5 | 1.9 | 0.49 | <970 |
| Strontium | 0.97 | .0087 | .023 | | |
| Sulfur | 4.9 | .76 | .33 | | |
| Thallium | 0.97 | .18 | .28 | 0.097 | <0.97 |
| Tin | 4.9 | .097 | .74 | | |
| Titanium | 0.97 | .029 | .09 | | |
| Tungsten | 4.9 | .34 | 1.7 | | |
| Vanadium | 4.9 | .029 | .071 | 0.068 | <4.9 |
| Zinc | 1.9 | .26 | .23 | 0.16 | <1.9 |

9.8.1
9

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: JB57522
Account: AKRFNYNY - AKRF
Project: Flushing Commons, Union Street, Flushing, NY

QC Batch ID: MP77305
Matrix Type: SOLID

Methods: SW846 6010C
Units: mg/kg

Prep Date:

| |
|-------|
| Metal |
|-------|

Zirconium 1.9 .029 .055

Associated samples MP77305: JB58123-3, JB58123-4, JB58123-5, JB58123-6, JB58123-7, JB58123-8

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JB57522
 Account: AKRFNYNY - AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

QC Batch ID: MP77305
 Matrix Type: SOLID

Methods: SW846 6010C
 Units: mg/kg

Prep Date: 01/20/14

| Metal | JB58123-3 Original MS | | SpikeLot MPIRS1 | % Rec | QC Limits |
|------------|--------------------------|-------|--------------------|-----------|--------------|
| Aluminum | 9180 | 16900 | 5810 | 132.8N(a) | 75-125 |
| Antimony | 0.0 | 46.6 | 108 | 43.3N(a) | 75-125 |
| Arsenic | 2.9 | 414 | 431 | 95.5 | 75-125 |
| Barium | 61.4 | 495 | 431 | 100.7 | 75-125 |
| Beryllium | 0.46 | 11.2 | 10.8 | 99.8 | 75-125 |
| Bismuth | | | | | |
| Boron | | | | | |
| Cadmium | 0.0 | 9.9 | 10.8 | 92.0 | 75-125 |
| Calcium | 1130 | 2460 | 1350 | 98.9 | 75-125 |
| Chromium | 23.5 | 68.7 | 43.1 | 105.0 | 75-125 |
| Cobalt | 8.9 | 116 | 108 | 99.5 | 75-125 |
| Copper | 17.0 | 70.4 | 53.8 | 99.2 | 75-125 |
| Iron | 20900 | 25900 | 5600 | 89.3 | 75-125 |
| Lead | 6.5 | 112 | 108 | 98.0 | 75-125 |
| Lithium | | | | | |
| Magnesium | 2830 | 4280 | 1350 | 107.8 | 75-125 |
| Manganese | 406 | 462 | 108 | 52.0N(a) | 75-125 |
| Molybdenum | | | | | |
| Nickel | 30.0 | 139 | 108 | 101.3 | 75-125 |
| Palladium | | | | | |
| Potassium | 2010 | 3540 | 1350 | 113.7 | 75-125 |
| Selenium | 0.0 | 406 | 431 | 94.3 | 75-125 |
| Silicon | | | | | |
| Silver | 0.96 | 11.7 | 10.8 | 99.8 | 75-125 |
| Sodium | 239 | 1590 | 1350 | 100.4 | 75-125 |
| Strontium | | | | | |
| Sulfur | | | | | |
| Thallium | 0.34 | 425 | 431 | 98.6 | 75-125 |
| Tin | | | | | |
| Titanium | | | | | |
| Tungsten | | | | | |
| Vanadium | 29.9 | 137 | 108 | 99.5 | 75-125 |
| Zinc | 38.5 | 142 | 108 | 96.2 | 75-125 |

9.8.2
9

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JB57522
Account: AKRFNYNY - AKRF
Project: Flushing Commons, Union Street, Flushing, NY

QC Batch ID: MP77305
Matrix Type: SOLID

Methods: SW846 6010C
Units: mg/kg

Prep Date:

Metal

Zirconium

Associated samples MP77305: JB58123-3, JB58123-4, JB58123-5, JB58123-6, JB58123-7, JB58123-8

Results < IDL are shown as zero for calculation purposes

(*) Outside of QC limits

(N) Matrix Spike Rec. outside of QC limits

(anr) Analyte not requested

(a) Spike recovery indicates possible matrix interference and/or sample nonhomogeneity.

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JB57522
 Account: AKRFNYNY - AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

QC Batch ID: MP77305
 Matrix Type: SOLID

Methods: SW846 6010C
 Units: mg/kg

Prep Date: 01/20/14

| Metal | JB58123-3 Original MSD | | SpikeLot MPIRS1 | % Rec | MSD RPD | QC Limit |
|------------|---------------------------|-------|--------------------|-----------|------------|-------------|
| Aluminum | 9180 | 17100 | 5790 | 136.7N(a) | 1.2 | 20 |
| Antimony | 0.0 | 48.5 | 107 | 45.2N(a) | 4.0 | 20 |
| Arsenic | 2.9 | 430 | 429 | 99.5 | 3.8 | 20 |
| Barium | 61.4 | 495 | 429 | 101.0 | 0.0 | 20 |
| Beryllium | 0.46 | 11.4 | 10.7 | 101.9 | 1.8 | 20 |
| Bismuth | | | | | | |
| Boron | | | | | | |
| Cadmium | 0.0 | 10.3 | 10.7 | 96.0 | 4.0 | 20 |
| Calcium | 1130 | 2520 | 1340 | 103.6 | 2.4 | 20 |
| Chromium | 23.5 | 70.0 | 42.9 | 108.3 | 1.9 | 20 |
| Cobalt | 8.9 | 121 | 107 | 104.5 | 4.2 | 20 |
| Copper | 17.0 | 72.6 | 53.7 | 103.6 | 3.1 | 20 |
| Iron | 20900 | 26500 | 5580 | 100.4 | 2.3 | 20 |
| Lead | 6.5 | 115 | 107 | 101.1 | 2.6 | 20 |
| Lithium | | | | | | |
| Magnesium | 2830 | 4360 | 1340 | 114.1 | 1.9 | 20 |
| Manganese | 406 | 488 | 107 | 76.4 | 5.5 | 20 |
| Molybdenum | | | | | | |
| Nickel | 30.0 | 145 | 107 | 107.2 | 4.2 | 20 |
| Palladium | | | | | | |
| Potassium | 2010 | 3570 | 1340 | 116.3 | 0.8 | 20 |
| Selenium | 0.0 | 419 | 429 | 97.6 | 3.2 | 20 |
| Silicon | | | | | | |
| Silver | 0.96 | 11.9 | 10.7 | 101.9 | 1.7 | 20 |
| Sodium | 239 | 1620 | 1340 | 102.9 | 1.9 | 20 |
| Strontium | | | | | | |
| Sulfur | | | | | | |
| Thallium | 0.34 | 436 | 429 | 101.5 | 2.6 | 20 |
| Tin | | | | | | |
| Titanium | | | | | | |
| Tungsten | | | | | | |
| Vanadium | 29.9 | 140 | 107 | 102.6 | 2.2 | 20 |
| Zinc | 38.5 | 147 | 107 | 101.1 | 3.5 | 20 |

9.8.2
9

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JB57522
Account: AKRFNYNY - AKRF
Project: Flushing Commons, Union Street, Flushing, NY

QC Batch ID: MP77305
Matrix Type: SOLID

Methods: SW846 6010C
Units: mg/kg

Prep Date:

Metal

Zirconium

Associated samples MP77305: JB58123-3, JB58123-4, JB58123-5, JB58123-6, JB58123-7, JB58123-8

Results < IDL are shown as zero for calculation purposes

(*) Outside of QC limits

(N) Matrix Spike Rec. outside of QC limits

(anr) Analyte not requested

(a) Spike recovery indicates possible matrix interference and/or sample nonhomogeneity.

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: JB57522
 Account: AKRFNYNY - AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

QC Batch ID: MP77305
 Matrix Type: SOLID

Methods: SW846 6010C
 Units: mg/kg

Prep Date: 01/20/14

| Metal | BSP Result | Spikelot MPIRS1 | % Rec | QC Limits |
|------------|------------|-----------------|-------|-----------|
| Aluminum | 5300 | 5350 | 99.1 | 80-120 |
| Antimony | 94.3 | 99 | 95.2 | 80-120 |
| Arsenic | 394 | 396 | 99.5 | 80-120 |
| Barium | 402 | 396 | 101.5 | 80-120 |
| Beryllium | 10.1 | 9.9 | 102.0 | 80-120 |
| Bismuth | | | | |
| Boron | | | | |
| Cadmium | 9.4 | 9.9 | 94.9 | 80-120 |
| Calcium | 1240 | 1240 | 100.2 | 80-120 |
| Chromium | 41.5 | 39.6 | 104.8 | 80-120 |
| Cobalt | 99.8 | 99 | 100.8 | 80-120 |
| Copper | 48.9 | 49.5 | 98.8 | 80-120 |
| Iron | 5300 | 5150 | 102.9 | 80-120 |
| Lead | 99.7 | 99 | 100.7 | 80-120 |
| Lithium | | | | |
| Magnesium | 1140 | 1240 | 92.1 | 80-120 |
| Manganese | 105 | 99 | 106.1 | 80-120 |
| Molybdenum | | | | |
| Nickel | 101 | 99 | 102.0 | 80-120 |
| Palladium | | | | |
| Potassium | 1250 | 1240 | 101.0 | 80-120 |
| Selenium | 387 | 396 | 97.7 | 80-120 |
| Silicon | | | | |
| Silver | 10.2 | 9.9 | 103.0 | 80-120 |
| Sodium | 1270 | 1240 | 102.6 | 80-120 |
| Strontium | | | | |
| Sulfur | | | | |
| Thallium | 409 | 396 | 103.3 | 80-120 |
| Tin | | | | |
| Titanium | | | | |
| Tungsten | | | | |
| Vanadium | 102 | 99 | 103.0 | 80-120 |
| Zinc | 103 | 99 | 104.0 | 80-120 |

9.8.3
 9

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: JB57522
Account: AKRFNYNY - AKRF
Project: Flushing Commons, Union Street, Flushing, NY

QC Batch ID: MP77305
Matrix Type: SOLID

Methods: SW846 6010C
Units: mg/kg

Prep Date:

Metal

Zirconium

Associated samples MP77305: JB58123-3, JB58123-4, JB58123-5, JB58123-6, JB58123-7, JB58123-8

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

SERIAL DILUTION RESULTS SUMMARY

Login Number: JB57522
 Account: AKRFNYNY - AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

QC Batch ID: MP77305
 Matrix Type: SOLID

Methods: SW846 6010C
 Units: ug/l

Prep Date: 01/20/14

| Metal | JB58123-3 Original | SDL 1:5 | %DIF | QC Limits |
|------------|-----------------------|---------|-----------|--------------|
| Aluminum | 87300 | 88800 | 1.7 | 0-10 |
| Antimony | 0.00 | 0.00 | NC | 0-10 |
| Arsenic | 27.5 | 0.00 | 100.0 (a) | 0-10 |
| Barium | 584 | 609 | 4.4 | 0-10 |
| Beryllium | 4.40 | 4.50 | 2.3 | 0-10 |
| Bismuth | | | | |
| Boron | | | | |
| Cadmium | 0.00 | 0.00 | NC | 0-10 |
| Calcium | 10800 | 11700 | 8.5 | 0-10 |
| Chromium | 223 | 237 | 6.3 | 0-10 |
| Cobalt | 84.6 | 85.1 | 0.6 | 0-10 |
| Copper | 162 | 164 | 1.0 | 0-10 |
| Iron | 199000 | 220000 | 10.5*(b) | 0-10 |
| Lead | 61.8 | 50.8 | 17.8 (a) | 0-10 |
| Lithium | | | | |
| Magnesium | 26900 | 27600 | 2.3 | 0-10 |
| Manganese | 3860 | 4180 | 8.3 | 0-10 |
| Molybdenum | | | | |
| Nickel | 286 | 289 | 1.3 | 0-10 |
| Palladium | | | | |
| Potassium | 19100 | 19100 | 0.2 | 0-10 |
| Selenium | 0.00 | 0.00 | NC | 0-10 |
| Silicon | | | | |
| Silver | 9.10 | 14.1 | 54.9 (a) | 0-10 |
| Sodium | 2270 | 2410 | 5.8 | 0-10 |
| Strontium | | | | |
| Sulfur | | | | |
| Thallium | 3.20 | 0.00 | 100.0(a) | 0-10 |
| Tin | | | | |
| Titanium | | | | |
| Tungsten | | | | |
| Vanadium | 284 | 301 | 5.9 | 0-10 |
| Zinc | 366 | 388 | 6.0 | 0-10 |

9.8.4
 9

SERIAL DILUTION RESULTS SUMMARY

Login Number: JB57522
Account: AKRFNYNY - AKRF
Project: Flushing Commons, Union Street, Flushing, NY

QC Batch ID: MP77305
Matrix Type: SOLID

Methods: SW846 6010C
Units: ug/l

Prep Date:

Metal

Zirconium

Associated samples MP77305: JB58123-3, JB58123-4, JB58123-5, JB58123-6, JB58123-7, JB58123-8

Results < IDL are shown as zero for calculation purposes

(*) Outside of QC limits

(anr) Analyte not requested

(a) Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

(b) Serial dilution indicates possible matrix interference.

9.8.4

9

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: JB57522
Account: AKRFNYNY - AKRF
Project: Flushing Commons, Union Street, Flushing, NY

QC Batch ID: MP77343
Matrix Type: SOLID

Methods: SW846 7471B
Units: mg/kg

Prep Date: 01/21/14

| Metal | RL | IDL | MDL | MB raw | final |
|---------|-------|-------|-------|-----------|--------|
| Mercury | 0.033 | .0091 | .0063 | -0.0089 | <0.033 |

Associated samples MP77343: JB58216-1, JB58216-2, JB58216-3, JB58216-4

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JB57522
 Account: AKRFNYNY - AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

QC Batch ID: MP77343
 Matrix Type: SOLID

Methods: SW846 7471B
 Units: mg/kg

Prep Date: 01/21/14

| Metal | JB58068-6 Original MS | SpikeLot HGPWS1 | % Rec | QC Limits |
|---------|--------------------------|--------------------|-------|--------------|
| Mercury | 0.81 | 1.1 | 0.397 | 73.0N 75-125 |

Associated samples MP77343: JB58216-1, JB58216-2, JB58216-3, JB58216-4

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (N) Matrix Spike Rec. outside of QC limits
 (anr) Analyte not requested

9.9.2
 9

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JB57522
 Account: AKRFNYNY - AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

QC Batch ID: MP77343
 Matrix Type: SOLID

Methods: SW846 7471B
 Units: mg/kg

Prep Date: 01/21/14

| Metal | JB58068-6 Original MSD | SpikeLot HGPWS1 | % Rec | MSD RPD | QC Limit |
|---------|---------------------------|--------------------|-------|------------|-------------|
| Mercury | 0.81 | 1.0 | 0.365 | 52.0N | 9.5 20 |

Associated samples MP77343: JB58216-1, JB58216-2, JB58216-3, JB58216-4

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (N) Matrix Spike Rec. outside of QC limits
 (anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: JB57522
 Account: AKRFNYNY - AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

QC Batch ID: MP77343
 Matrix Type: SOLID

Methods: SW846 7471B
 Units: mg/kg

Prep Date: 01/21/14

| Metal | LCS Result | Spikelot HGLCS54080% Rec | QC Limits |
|---------|---------------|-----------------------------|--------------|
| Mercury | 19.8 | 19.9 | 99.5 69-130 |

Associated samples MP77343: JB58216-1, JB58216-2, JB58216-3, JB58216-4

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (anr) Analyte not requested

9.9.3
 9

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: JB57522
Account: AKRFNYNY - AKRF
Project: Flushing Commons, Union Street, Flushing, NY

QC Batch ID: MP77348
Matrix Type: SOLID

Methods: SW846 6010C
Units: mg/kg

Prep Date: 01/22/14

| Metal | RL | IDL | MDL | MB raw | final |
|------------|------|-----|------|-----------|-------|
| Aluminum | 50 | 1.7 | 1.5 | 2.1 | <50 |
| Antimony | 2.0 | .16 | .24 | -0.17 | <2.0 |
| Arsenic | 2.0 | .22 | .23 | -0.050 | <2.0 |
| Barium | 20 | .04 | .054 | 0.070 | <20 |
| Beryllium | 0.20 | .01 | .015 | 0.010 | <0.20 |
| Bismuth | 2.0 | .14 | .14 | | |
| Boron | 10 | .11 | .14 | | |
| Cadmium | 0.50 | .03 | .071 | 0.010 | <0.50 |
| Calcium | 500 | 1.4 | 8.4 | 2.3 | <500 |
| Chromium | 1.0 | .05 | .074 | -0.030 | <1.0 |
| Cobalt | 5.0 | .03 | .066 | 0.0 | <5.0 |
| Copper | 2.5 | .07 | .083 | -0.070 | <2.5 |
| Iron | 50 | .36 | 2.9 | 3.6 | <50 |
| Lead | 2.0 | .2 | .21 | 0.080 | <2.0 |
| Lithium | 2.0 | .06 | .14 | | |
| Magnesium | 500 | 3.6 | 9.3 | 4.5 | <500 |
| Manganese | 1.5 | .02 | .054 | 0.040 | <1.5 |
| Molybdenum | 2.0 | .07 | .14 | | |
| Nickel | 4.0 | .09 | .079 | -0.010 | <4.0 |
| Palladium | 5.0 | .17 | .26 | | |
| Potassium | 1000 | 4.6 | 6.1 | 3.7 | <1000 |
| Selenium | 2.0 | .33 | .26 | 0.32 | <2.0 |
| Silicon | 20 | .51 | 3.7 | | |
| Silver | 0.50 | .05 | .1 | 0.010 | <0.50 |
| Sodium | 1000 | 14 | 2 | 1.3 | <1000 |
| Strontium | 1.0 | .02 | .024 | | |
| Sulfur | 5.0 | .52 | .34 | | |
| Thallium | 1.0 | .18 | .29 | 0.080 | <1.0 |
| Tin | 5.0 | .11 | .77 | | |
| Titanium | 1.0 | .08 | .093 | | |
| Tungsten | 5.0 | .36 | 1.7 | | |
| Vanadium | 5.0 | .05 | .073 | 0.040 | <5.0 |
| Zinc | 2.0 | .5 | .23 | 0.73 | <2.0 |

9.10.1
9

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: JB57522
Account: AKRFNYNY - AKRF
Project: Flushing Commons, Union Street, Flushing, NY

QC Batch ID: MP77348
Matrix Type: SOLID

Methods: SW846 6010C
Units: mg/kg

Prep Date:

| |
|-------|
| Metal |
|-------|

Zirconium 2.0 .04 .057

Associated samples MP77348: JB58216-1, JB58216-2, JB58216-3, JB58216-4

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JB57522
 Account: AKRFNYNY - AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

QC Batch ID: MP77348
 Matrix Type: SOLID

Methods: SW846 6010C
 Units: mg/kg

Prep Date: 01/22/14

| Metal | JB58054-4 Original MS | | Spikelet MPIRS1 | % Rec | QC Limits |
|------------|--------------------------|-------|--------------------|----------|--------------|
| Aluminum | 5320 | 10400 | 5870 | 86.5 | 75-125 |
| Antimony | 0.48 | 79.7 | 109 | 72.9N(a) | 75-125 |
| Arsenic | 7.4 | 415 | 435 | 93.7 | 75-125 |
| Barium | 7.8 | 411 | 435 | 92.7 | 75-125 |
| Beryllium | 0.77 | 11.3 | 10.9 | 96.9 | 75-125 |
| Bismuth | | | | | |
| Boron | | | | | |
| Cadmium | 0.0 | 11.0 | 10.9 | 101.2 | 75-125 |
| Calcium | 429 | 1550 | 1360 | 82.5 | 75-125 |
| Chromium | 29.8 | 72.3 | 43.5 | 97.8 | 75-125 |
| Cobalt | 3.3 | 107 | 109 | 95.4 | 75-125 |
| Copper | 3.9 | 55.8 | 54.3 | 95.5 | 75-125 |
| Iron | 27400 | 31100 | 5650 | 65.5 (b) | 75-125 |
| Lead | 3.1 | 105 | 109 | 93.7 | 75-125 |
| Lithium | | | | | |
| Magnesium | 1870 | 2950 | 1360 | 79.5 | 75-125 |
| Manganese | 94.6 | 182 | 109 | 80.4 | 75-125 |
| Molybdenum | | | | | |
| Nickel | 5.5 | 109 | 109 | 95.2 | 75-125 |
| Palladium | | | | | |
| Potassium | 4490 | 5490 | 1360 | 73.6N(a) | 75-125 |
| Selenium | 0.52 | 418 | 435 | 96.0 | 75-125 |
| Silicon | | | | | |
| Silver | 0.0 | 9.3 | 10.9 | 85.6 | 75-125 |
| Sodium | 29.3 | 1350 | 1360 | 97.2 | 75-125 |
| Strontium | | | | | |
| Sulfur | | | | | |
| Thallium | 0.41 | 410 | 435 | 94.2 | 75-125 |
| Tin | | | | | |
| Titanium | | | | | |
| Tungsten | | | | | |
| Vanadium | 30.9 | 129 | 109 | 90.3 | 75-125 |
| Zinc | 26.6 | 127 | 109 | 92.4 | 75-125 |

9.102
9

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JB57522
Account: AKRFNYNY - AKRF
Project: Flushing Commons, Union Street, Flushing, NY

QC Batch ID: MP77348
Matrix Type: SOLID

Methods: SW846 6010C
Units: mg/kg

Prep Date:

Metal

Zirconium

Associated samples MP77348: JB58216-1, JB58216-2, JB58216-3, JB58216-4

Results < IDL are shown as zero for calculation purposes

(*) Outside of QC limits

(N) Matrix Spike Rec. outside of QC limits

(anr) Analyte not requested

(a) Spike recovery indicates possible matrix interference and/or sample nonhomogeneity.

(b) Spike amount low relative to the sample amount. Refer to lab control or spike blank for recovery information.

9.10.2

9

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JB57522
 Account: AKRFNYNY - AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

QC Batch ID: MP77348
 Matrix Type: SOLID

Methods: SW846 6010C
 Units: mg/kg

Prep Date: 01/22/14

| Metal | JB58054-4 Original MSD | | SpikeLot MPIRS1 | % Rec | MSD RPD | QC Limit |
|------------|---------------------------|-------|--------------------|----------|------------|-------------|
| Aluminum | 5320 | 11400 | 5930 | 102.5 | 9.2 | 20 |
| Antimony | 0.48 | 81.2 | 110 | 73.5N(a) | 1.9 | 20 |
| Arsenic | 7.4 | 429 | 439 | 96.0 | 3.3 | 20 |
| Barium | 7.8 | 432 | 439 | 96.6 | 5.0 | 20 |
| Beryllium | 0.77 | 11.9 | 11 | 101.4 | 5.2 | 20 |
| Bismuth | | | | | | |
| Boron | | | | | | |
| Cadmium | 0.0 | 11.4 | 11 | 103.8 | 3.6 | 20 |
| Calcium | 429 | 1660 | 1370 | 89.7 | 6.9 | 20 |
| Chromium | 29.8 | 74.9 | 43.9 | 102.7 | 3.5 | 20 |
| Cobalt | 3.3 | 111 | 110 | 98.1 | 3.7 | 20 |
| Copper | 3.9 | 56.3 | 54.9 | 95.5 | 0.9 | 20 |
| Iron | 27400 | 33800 | 5710 | 112.1 | 8.3 | 20 |
| Lead | 3.1 | 108 | 110 | 95.5 | 2.8 | 20 |
| Lithium | | | | | | |
| Magnesium | 1870 | 3250 | 1370 | 100.6 | 9.7 | 20 |
| Manganese | 94.6 | 203 | 110 | 98.7 | 10.9 | 20 |
| Molybdenum | | | | | | |
| Nickel | 5.5 | 113 | 110 | 97.9 | 3.6 | 20 |
| Palladium | | | | | | |
| Potassium | 4490 | 6150 | 1370 | 121.0 | 11.3 | 20 |
| Selenium | 0.52 | 432 | 439 | 98.2 | 3.3 | 20 |
| Silicon | | | | | | |
| Silver | 0.0 | 10.0 | 11 | 91.1 | 7.3 | 20 |
| Sodium | 29.3 | 1400 | 1370 | 99.9 | 3.6 | 20 |
| Strontium | | | | | | |
| Sulfur | | | | | | |
| Thallium | 0.41 | 422 | 439 | 96.0 | 2.9 | 20 |
| Tin | | | | | | |
| Titanium | | | | | | |
| Tungsten | | | | | | |
| Vanadium | 30.9 | 132 | 110 | 92.1 | 2.3 | 20 |
| Zinc | 26.6 | 133 | 110 | 96.9 | 4.6 | 20 |

9.102
9

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JB57522
Account: AKRFNYNY - AKRF
Project: Flushing Commons, Union Street, Flushing, NY

QC Batch ID: MP77348
Matrix Type: SOLID

Methods: SW846 6010C
Units: mg/kg

Prep Date:

Metal

Zirconium

Associated samples MP77348: JB58216-1, JB58216-2, JB58216-3, JB58216-4

Results < IDL are shown as zero for calculation purposes

(*) Outside of QC limits

(N) Matrix Spike Rec. outside of QC limits

(anr) Analyte not requested

(a) Spike recovery indicates possible matrix interference and/or sample nonhomogeneity.

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: JB57522
 Account: AKRFNYNY - AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

QC Batch ID: MP77348
 Matrix Type: SOLID

Methods: SW846 6010C
 Units: mg/kg

Prep Date: 01/22/14

| Metal | BSP Result | Spikelot MPIRS1 | % Rec | QC Limits |
|------------|------------|-----------------|-------|-----------|
| Aluminum | 5110 | 5400 | 94.6 | 80-120 |
| Antimony | 92.4 | 100 | 92.4 | 80-120 |
| Arsenic | 372 | 400 | 93.0 | 80-120 |
| Barium | 382 | 400 | 95.5 | 80-120 |
| Beryllium | 9.8 | 10 | 98.0 | 80-120 |
| Bismuth | | | | |
| Boron | | | | |
| Cadmium | 10.3 | 10 | 103.0 | 80-120 |
| Calcium | 1170 | 1250 | 93.6 | 80-120 |
| Chromium | 39.9 | 40 | 99.8 | 80-120 |
| Cobalt | 102 | 100 | 102.0 | 80-120 |
| Copper | 47.7 | 50 | 95.4 | 80-120 |
| Iron | 4930 | 5200 | 94.8 | 80-120 |
| Lead | 97.5 | 100 | 97.5 | 80-120 |
| Lithium | | | | |
| Magnesium | 1110 | 1250 | 88.8 | 80-120 |
| Manganese | 99.4 | 100 | 99.4 | 80-120 |
| Molybdenum | | | | |
| Nickel | 98.4 | 100 | 98.4 | 80-120 |
| Palladium | | | | |
| Potassium | 1170 | 1250 | 93.6 | 80-120 |
| Selenium | 363 | 400 | 90.8 | 80-120 |
| Silicon | | | | |
| Silver | 10.3 | 10 | 103.0 | 80-120 |
| Sodium | 1180 | 1250 | 94.4 | 80-120 |
| Strontium | | | | |
| Sulfur | | | | |
| Thallium | 374 | 400 | 93.5 | 80-120 |
| Tin | | | | |
| Titanium | | | | |
| Tungsten | | | | |
| Vanadium | 97.0 | 100 | 97.0 | 80-120 |
| Zinc | 101 | 100 | 101.0 | 80-120 |

9.10.3
9

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: JB57522
Account: AKRFNYNY - AKRF
Project: Flushing Commons, Union Street, Flushing, NY

QC Batch ID: MP77348
Matrix Type: SOLID

Methods: SW846 6010C
Units: mg/kg

Prep Date:

Metal

Zirconium

Associated samples MP77348: JB58216-1, JB58216-2, JB58216-3, JB58216-4

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

SERIAL DILUTION RESULTS SUMMARY

Login Number: JB57522
 Account: AKRFNYNY - AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

QC Batch ID: MP77348
 Matrix Type: SOLID

Methods: SW846 6010C
 Units: ug/l

Prep Date: 01/22/14

| Metal | JB58054-4 Original | SDL 1:5 | %DIF | QC Limits |
|------------|-----------------------|---------|----------|--------------|
| Aluminum | 49500 | 48000 | 2.9 | 0-10 |
| Antimony | 4.50 | 0.00 | 100.0(a) | 0-10 |
| Arsenic | 68.6 | 62.6 | 8.7 | 0-10 |
| Barium | 72.2 | 68.6 | 5.0 | 0-10 |
| Beryllium | 7.20 | 7.90 | 9.7 | 0-10 |
| Bismuth | | | | |
| Boron | | | | |
| Cadmium | 0.00 | 0.00 | NC | 0-10 |
| Calcium | 3990 | 4060 | 1.7 | 0-10 |
| Chromium | 277 | 282 | 2.0 | 0-10 |
| Cobalt | 30.8 | 31.5 | 2.3 | 0-10 |
| Copper | 36.6 | 42.9 | 17.2*(b) | 0-10 |
| Iron | 255000 | 257000 | 0.7 | 0-10 |
| Lead | 28.4 | 32.5 | 14.4 (a) | 0-10 |
| Lithium | | | | |
| Magnesium | 17400 | 17000 | 2.2 | 0-10 |
| Manganese | 879 | 903 | 2.8 | 0-10 |
| Molybdenum | | | | |
| Nickel | 50.7 | 51.9 | 2.4 | 0-10 |
| Palladium | | | | |
| Potassium | 41700 | 39600 | 5.0 | 0-10 |
| Selenium | 4.80 | 0.00 | 100.0(a) | 0-10 |
| Silicon | | | | |
| Silver | 0.00 | 0.00 | NC | 0-10 |
| Sodium | 273 | 0.00 | 100.0(a) | 0-10 |
| Strontium | | | | |
| Sulfur | | | | |
| Thallium | 3.80 | 11.4 | 200.0(a) | 0-10 |
| Tin | | | | |
| Titanium | | | | |
| Tungsten | | | | |
| Vanadium | 287 | 287 | 0.0 | 0-10 |
| Zinc | 247 | 274 | 11.1 (a) | 0-10 |

9.10.4
9

SERIAL DILUTION RESULTS SUMMARY

Login Number: JB57522
Account: AKRFNYNY - AKRF
Project: Flushing Commons, Union Street, Flushing, NY

QC Batch ID: MP77348
Matrix Type: SOLID

Methods: SW846 6010C
Units: ug/l

Prep Date:

Metal

Zirconium

Associated samples MP77348: JB58216-1, JB58216-2, JB58216-3, JB58216-4

Results < IDL are shown as zero for calculation purposes

(*) Outside of QC limits

(anr) Analyte not requested

(a) Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

(b) Serial dilution indicates possible matrix interference.

Technical Report for

AKRF

Flushing Commons, Union Street, Flushing, NY

10677-3106

Accutest Job Number: JB58123

Sampling Dates: 01/17/14 - 01/20/14

Report to:

**AKRF, Inc.
440 Park Avenue South
New York, NY 10016
smalinowski@akrf.com**

ATTN: Stephen Malinowski

Total number of pages in report: 180



Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable.

Nancy F. Cole

**Nancy Cole
Laboratory Director**

Client Service contact: Matt Cordova 732-329-0200

Certifications: NJ(12129), NY(10983), CA, CT, DE, FL, IL, IN, KS, KY, LA, MA, MD, MI, MT, NC, OH VAP (CL0056), PA, RI, SC, TN, VA, WV, DoD ELAP (L-A-B L2248)

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Test results relate only to samples analyzed.

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Sample Summary

AKRF

Job No: JB58123

Flushing Commons, Union Street, Flushing, NY
Project No: 10677-3106

| Sample Number | Collected | | Received | Matrix | | Client Sample ID |
|---------------|-----------|----------|----------|--------|----------------------|------------------|
| | Date | Time By | | Code | Type | |
| JB58123-1 | 01/17/14 | 13:05 RA | 01/17/14 | AQ | Ground Water | TW-2 |
| JB58123-1F | 01/17/14 | 13:05 RA | 01/17/14 | AQ | Groundwater Filtered | TW-2 |
| JB58123-2 | 01/17/14 | 15:30 RA | 01/17/14 | AQ | Ground Water | TW-4 |
| JB58123-2F | 01/17/14 | 15:30 RA | 01/17/14 | AQ | Groundwater Filtered | TW-4 |
| JB58302-1 | 01/20/14 | 14:00 RA | 01/22/14 | AQ | Ground Water | TW-1 |
| JB58302-1F | 01/20/14 | 14:00 RA | 01/22/14 | AQ | Groundwater Filtered | TW-1 |
| JB58302-2 | 01/20/14 | 14:10 RA | 01/22/14 | AQ | Ground Water | TW-1B |
| JB58302-2F | 01/20/14 | 14:10 RA | 01/22/14 | AQ | Groundwater Filtered | TW-1B |
| JB58302-3 | 01/20/14 | 18:00 RA | 01/22/14 | AQ | Ground Water | TW-3 |
| JB58302-3F | 01/20/14 | 18:00 RA | 01/22/14 | AQ | Groundwater Filtered | TW-3 |
| JB58302-4 | 01/20/14 | 18:00 RA | 01/22/14 | AQ | Trip Blank Water | TRIP BLANK |



CASE NARRATIVE / CONFORMANCE SUMMARY

Client: AKRF

Job No JB58123

Site: Flushing Commons, Union Street, Flushing, NY

Report Date 1/29/2014 11:35:18 A

Between 01/17/2014 and 01/22/2014, 5 Sample(s), 1 Trip Blank(s) and 0 Field Blank(s) were received at Accutest Laboratories at a temperature of 1 C, 2.0 C . Samples were intact and chemically preserved, unless noted below. An Accutest Job Number of JB58123 was assigned to the project. Laboratory sample ID, client sample ID and dates of sample collection are detailed in the report's Results Summary Section.

Specified quality control criteria were achieved for this job except as noted below. For more information, please refer to the analytical results and QC summary pages.

Volatiles by GCMS By Method SW846 8260C

| | |
|-------------------|-------------------------|
| Matrix: AQ | Batch ID: VC6829 |
|-------------------|-------------------------|

- All samples were analyzed within the recommended method holding time.
- Sample(s) JB57769-8MS, JB57769-8MSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.

| | |
|-------------------|-------------------------|
| Matrix: AQ | Batch ID: VC6831 |
|-------------------|-------------------------|

- All samples were analyzed within the recommended method holding time.
- Sample(s) JB58279-4MS, JB58279-4MSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.

Extractables by GCMS By Method SW846 8270D

Matrix: AQ**Batch ID:** OP72120

- All samples were extracted within the recommended method holding time.
- Sample(s) JB58080-7MS, JB58080-7MSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.

Matrix: AQ**Batch ID:** OP72181

- All samples were extracted within the recommended method holding time.
- Sample(s) JB58302-1MS, JB58302-1MSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.
- Blank Spike Recovery(s) for 3-Nitroaniline, 4-Chloroaniline are outside control limits.
- Matrix Spike Recovery(s) for 3,3'-Dichlorobenzidine, 4-Chloroaniline are outside control limits. Outside control limits due to matrix interference.
- Matrix Spike Duplicate Recovery(s) for 3,3'-Dichlorobenzidine, 4-Chloroaniline are outside control limits. Outside control limits due to matrix interference.
- RPD(s) for MSD for 3,3'-Dichlorobenzidine, 4-Chloroaniline are outside control limits for sample OP72181-MSD. Outside of in house control limits.
- OP72181-BS1 for 3,3'-Dichlorobenzidine: Outside of in house control limits.
- OP72181-BS1 for 4-Chloroaniline: Outside of in house control limits.
- OP72181-BS1 for 3-Nitroaniline: Outside of in house control limits.

Matrix: AQ**Batch ID:** OP72256

- All samples were extracted within the recommended method holding time.
- Sample(s) JB58335-2MS, JB58335-2MSD were used as the QC samples indicated.
- Sample(s) JB58302-3 have compound(s) reported with a "B" qualifier, indicating analyte is found in the associated method blank.
- RPD(s) for MSD for 3,3'-Dichlorobenzidine are outside control limits for sample OP72256-MSD. Analytical precision exceeds in-house control limits.
- JB58302-1: Confirmation run.
- OP72256-MSD for 3,3'-Dichlorobenzidine: Analytical precision exceeds in-house control limits.

Extractables by GC By Method SW846 8081B

Matrix: AQ**Batch ID:** OP72151

- All samples were extracted within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JB58120-2MS, JB58120-2MSD were used as the QC samples indicated.

Matrix: AQ**Batch ID:** OP72187

- All samples were extracted within the recommended method holding time.
- Sample(s) JB58302-2MS, JB58302-2MSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.
- Blank Spike Recovery(s) for Endrin ketone are outside control limits.
- Matrix Spike Duplicate Recovery(s) for Endrin ketone are outside control limits. Outside of in house control limits.
- OP72187-BS1 for Endrin ketone: Outside of in house control limits.

Extractables by GC By Method SW846 8082A

| | |
|-------------------|--------------------------|
| Matrix: AQ | Batch ID: OP72150 |
|-------------------|--------------------------|

- All samples were extracted within the recommended method holding time.
- Sample(s) JB58120-2MS, JB58120-2MSD, OP72150-MSMSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.

| | |
|-------------------|--------------------------|
| Matrix: AQ | Batch ID: OP72186 |
|-------------------|--------------------------|

- All samples were extracted within the recommended method holding time.
- Sample(s) JB58302-3MS, JB58302-3MSD, OP72186-MSMSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.
- RPD(s) for MSD for Aroclor 1260 are outside control limits for sample OP72186-MSD. Probable cause due to sample homogeneity.
- OP72186-MSD for Aroclor 1260: Analytical precision exceeds in-house control limits.

Metals By Method SW846 6010C

| | |
|-------------------|--------------------------|
| Matrix: AQ | Batch ID: MP77307 |
|-------------------|--------------------------|

- All samples were digested within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JB58120-2MS, JB58120-2MSD, JB58120-2SDL were used as the QC samples for metals.
- Matrix Spike Recovery(s) for Sodium are outside control limits. Spike amount low relative to the sample amount. Refer to lab control or spike blank for recovery information.
- RPD(s) for Serial Dilution for Aluminum, Arsenic, Cadmium, Cobalt, Lead, Silver are outside control limits for sample MP77307-SD1. Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

| | |
|-------------------|--------------------------|
| Matrix: AQ | Batch ID: MP77379 |
|-------------------|--------------------------|

- All samples were digested within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JB58302-2FMS, JB58302-2FMSD, JB58302-2FSDL were used as the QC samples for metals.
- Matrix Spike Recovery(s) for Manganese, Sodium are outside control limits. Spike amount low relative to the sample amount. Refer to lab control or spike blank for recovery information.
- RPD(s) for Serial Dilution for Aluminum, Cadmium, Chromium, Selenium, Silver, Vanadium, Zinc, Iron are outside control limits for sample MP77379-SD1. Percent difference acceptable due to low initial sample concentration (< 50 times IDL).
- MP77379-SD1 for Iron: Serial dilution indicates possible matrix interference.

Metals By Method SW846 7470A

| | |
|-------------------|--------------------------|
| Matrix: AQ | Batch ID: MP77316 |
|-------------------|--------------------------|

- All samples were digested within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JB58040-2PS, JB58040-2MSD were used as the QC samples for metals.
- Matrix Spike Recovery(s) for Mercury are outside control limits. Spike recovery indicates possible matrix interference.
- Matrix Spike Duplicate Recovery(s) for Mercury are outside control limits. Elevated sample detection limit due to difficult sample matrix.

| | |
|-------------------|--------------------------|
| Matrix: AQ | Batch ID: MP77387 |
|-------------------|--------------------------|

- All samples were digested within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JB58302-1MS, JB58302-1MSD were used as the QC samples for metals.

Accutest certifies that data reported for samples received, listed on the associated custody chain or analytical task order, were produced to specifications meeting Accutest's Quality System precision, accuracy and completeness objectives except as noted.

Estimated non-standard method measurement uncertainty data is available on request, based on quality control bias and implicit for standard methods. Acceptable uncertainty requires tested parameter quality control data to meet method criteria.

Accutest Laboratories is not responsible for data quality assumptions if partial reports are used and recommends that this report be used in its entirety. Data release is authorized by Accutest Laboratories indicated via signature on the report cover

Summary of Hits

Job Number: JB58123
 Account: AKRF
 Project: Flushing Commons, Union Street, Flushing, NY
 Collected: 01/17/14 thru 01/20/14



| Lab Sample ID | Client Sample ID | Result/ Qual | RL | MDL | Units | Method |
|---------------|------------------|-----------------|----|-----|-------|--------|
|---------------|------------------|-----------------|----|-----|-------|--------|

JB58123-1 TW-2

| | | | | | |
|----------------------------|--------|--------|---------|------|-------------|
| Chloroform | 0.72 J | 1.0 | 0.25 | ug/l | SW846 8260C |
| cis-1,2-Dichloroethene | 9.6 | 1.0 | 0.24 | ug/l | SW846 8260C |
| Methyl Tert Butyl Ether | 0.38 J | 1.0 | 0.29 | ug/l | SW846 8260C |
| Tetrachloroethene | 7.0 | 1.0 | 0.25 | ug/l | SW846 8260C |
| Trichloroethene | 4.0 | 1.0 | 0.50 | ug/l | SW846 8260C |
| bis(2-Ethylhexyl)phthalate | 1.6 J | 2.1 | 0.61 | ug/l | SW846 8270D |
| Dieldrin | 0.0026 | 0.0011 | 0.00018 | ug/l | SW846 8081B |
| Aluminum | 603 | 200 | | ug/l | SW846 6010C |
| Calcium | 199000 | 5000 | | ug/l | SW846 6010C |
| Iron | 1030 | 100 | | ug/l | SW846 6010C |
| Magnesium | 92200 | 5000 | | ug/l | SW846 6010C |
| Manganese | 1600 | 15 | | ug/l | SW846 6010C |
| Nickel | 12.0 | 10 | | ug/l | SW846 6010C |
| Sodium | 542000 | 10000 | | ug/l | SW846 6010C |

JB58123-1F TW-2

| | | | | | |
|-----------|--------|-------|--|------|-------------|
| Aluminum | 625 | 200 | | ug/l | SW846 6010C |
| Arsenic | 3.2 | 3.0 | | ug/l | SW846 6010C |
| Calcium | 197000 | 5000 | | ug/l | SW846 6010C |
| Iron | 1100 | 100 | | ug/l | SW846 6010C |
| Magnesium | 91100 | 5000 | | ug/l | SW846 6010C |
| Manganese | 1610 | 15 | | ug/l | SW846 6010C |
| Nickel | 12.3 | 10 | | ug/l | SW846 6010C |
| Sodium | 536000 | 10000 | | ug/l | SW846 6010C |

JB58123-2 TW-4

| | | | | | |
|------------------------|--------|-------|------|------|-------------|
| Chloroform | 0.32 J | 1.0 | 0.25 | ug/l | SW846 8260C |
| cis-1,2-Dichloroethene | 3.2 | 1.0 | 0.24 | ug/l | SW846 8260C |
| Tetrachloroethene | 5.2 | 1.0 | 0.25 | ug/l | SW846 8260C |
| Trichloroethene | 2.9 | 1.0 | 0.50 | ug/l | SW846 8260C |
| Aluminum | 205 | 200 | | ug/l | SW846 6010C |
| Arsenic | 4.4 | 3.0 | | ug/l | SW846 6010C |
| Calcium | 51500 | 5000 | | ug/l | SW846 6010C |
| Iron | 2450 | 100 | | ug/l | SW846 6010C |
| Magnesium | 23600 | 5000 | | ug/l | SW846 6010C |
| Manganese | 1130 | 15 | | ug/l | SW846 6010C |
| Nickel | 11.5 | 10 | | ug/l | SW846 6010C |
| Potassium | 15400 | 10000 | | ug/l | SW846 6010C |
| Sodium | 37000 | 10000 | | ug/l | SW846 6010C |
| Zinc | 20.2 | 20 | | ug/l | SW846 6010C |

Summary of Hits

Job Number: JB58123
Account: AKRF
Project: Flushing Commons, Union Street, Flushing, NY
Collected: 01/17/14 thru 01/20/14



| Lab Sample ID | Client Sample ID | Result/ Qual | RL | MDL | Units | Method |
|---------------|------------------|-----------------|----|-----|-------|--------|
|---------------|------------------|-----------------|----|-----|-------|--------|

JB58123-2F TW-4

| | | | | | | |
|-----------|-------|-------|--|--|------|-------------|
| Aluminum | 209 | 200 | | | ug/l | SW846 6010C |
| Arsenic | 3.5 | 3.0 | | | ug/l | SW846 6010C |
| Calcium | 50800 | 5000 | | | ug/l | SW846 6010C |
| Iron | 2410 | 100 | | | ug/l | SW846 6010C |
| Magnesium | 23300 | 5000 | | | ug/l | SW846 6010C |
| Manganese | 1090 | 15 | | | ug/l | SW846 6010C |
| Nickel | 11.3 | 10 | | | ug/l | SW846 6010C |
| Potassium | 15200 | 10000 | | | ug/l | SW846 6010C |
| Sodium | 36500 | 10000 | | | ug/l | SW846 6010C |

JB58302-1 TW-1

| | | | | | | |
|-------------------------|--------|-------|------|--|------|-------------|
| Chloroform | 0.41 J | 1.0 | 0.25 | | ug/l | SW846 8260C |
| cis-1,2-Dichloroethene | 3.3 | 1.0 | 0.24 | | ug/l | SW846 8260C |
| Methyl Tert Butyl Ether | 0.44 J | 1.0 | 0.29 | | ug/l | SW846 8260C |
| Tetrachloroethene | 40.8 | 1.0 | 0.25 | | ug/l | SW846 8260C |
| Trichloroethene | 0.90 J | 1.0 | 0.50 | | ug/l | SW846 8260C |
| Aluminum | 225 | 200 | | | ug/l | SW846 6010C |
| Calcium | 94100 | 5000 | | | ug/l | SW846 6010C |
| Iron | 6500 | 100 | | | ug/l | SW846 6010C |
| Magnesium | 56700 | 5000 | | | ug/l | SW846 6010C |
| Manganese | 3990 | 15 | | | ug/l | SW846 6010C |
| Nickel | 21.5 | 10 | | | ug/l | SW846 6010C |
| Sodium | 97300 | 10000 | | | ug/l | SW846 6010C |

JB58302-1F TW-1

| | | | | | | |
|-----------|--------|-------|--|--|------|-------------|
| Calcium | 101000 | 5000 | | | ug/l | SW846 6010C |
| Iron | 7090 | 100 | | | ug/l | SW846 6010C |
| Magnesium | 61400 | 5000 | | | ug/l | SW846 6010C |
| Manganese | 3460 | 15 | | | ug/l | SW846 6010C |
| Nickel | 21.9 | 10 | | | ug/l | SW846 6010C |
| Sodium | 103000 | 10000 | | | ug/l | SW846 6010C |

JB58302-2 TW-1B

| | | | | | | |
|-------------------------|--------|------|------|--|------|-------------|
| Chloroform | 0.39 J | 1.0 | 0.25 | | ug/l | SW846 8260C |
| cis-1,2-Dichloroethene | 3.0 | 1.0 | 0.24 | | ug/l | SW846 8260C |
| Methyl Tert Butyl Ether | 0.43 J | 1.0 | 0.29 | | ug/l | SW846 8260C |
| Tetrachloroethene | 39.4 | 1.0 | 0.25 | | ug/l | SW846 8260C |
| Trichloroethene | 0.86 J | 1.0 | 0.50 | | ug/l | SW846 8260C |
| Calcium | 98400 | 5000 | | | ug/l | SW846 6010C |
| Iron | 6570 | 100 | | | ug/l | SW846 6010C |

Summary of Hits

Job Number: JB58123
 Account: AKRF
 Project: Flushing Commons, Union Street, Flushing, NY
 Collected: 01/17/14 thru 01/20/14



| Lab Sample ID | Client Sample ID | Result/ Qual | RL | MDL | Units | Method |
|-------------------|-------------------|----------------------------|--------|-------|-------|------------------|
| | | Magnesium | 59300 | 5000 | | ug/l SW846 6010C |
| | | Manganese | 3980 | 15 | | ug/l SW846 6010C |
| | | Nickel | 21.7 | 10 | | ug/l SW846 6010C |
| | | Sodium | 102000 | 10000 | | ug/l SW846 6010C |
| JB58302-2F | TW-1B | | | | | |
| | | Calcium | 100000 | 5000 | | ug/l SW846 6010C |
| | | Iron | 6990 | 100 | | ug/l SW846 6010C |
| | | Magnesium | 61300 | 5000 | | ug/l SW846 6010C |
| | | Manganese | 3510 | 15 | | ug/l SW846 6010C |
| | | Nickel | 22.2 | 10 | | ug/l SW846 6010C |
| | | Sodium | 104000 | 10000 | | ug/l SW846 6010C |
| JB58302-3 | TW-3 | | | | | |
| | | Chloroform | 0.34 J | 1.0 | 0.25 | ug/l SW846 8260C |
| | | cis-1,2-Dichloroethene | 10.2 | 1.0 | 0.24 | ug/l SW846 8260C |
| | | Tetrachloroethene | 11.3 | 1.0 | 0.25 | ug/l SW846 8260C |
| | | Trichloroethene | 9.7 | 1.0 | 0.50 | ug/l SW846 8260C |
| | | bis(2-Ethylhexyl)phthalate | 1.1 BJ | 2.0 | 0.60 | ug/l SW846 8270D |
| | | Calcium | 56400 | 5000 | | ug/l SW846 6010C |
| | | Iron | 549 | 100 | | ug/l SW846 6010C |
| | | Magnesium | 27800 | 5000 | | ug/l SW846 6010C |
| | | Manganese | 1460 | 15 | | ug/l SW846 6010C |
| | | Nickel | 14.6 | 10 | | ug/l SW846 6010C |
| | | Potassium | 10700 | 10000 | | ug/l SW846 6010C |
| | | Sodium | 43900 | 10000 | | ug/l SW846 6010C |
| JB58302-3F | TW-3 | | | | | |
| | | Calcium | 55800 | 5000 | | ug/l SW846 6010C |
| | | Iron | 562 | 100 | | ug/l SW846 6010C |
| | | Magnesium | 27500 | 5000 | | ug/l SW846 6010C |
| | | Manganese | 1560 | 15 | | ug/l SW846 6010C |
| | | Nickel | 14.8 | 10 | | ug/l SW846 6010C |
| | | Potassium | 10500 | 10000 | | ug/l SW846 6010C |
| | | Sodium | 43100 | 10000 | | ug/l SW846 6010C |
| | | Zinc | 24.0 | 20 | | ug/l SW846 6010C |
| JB58302-4 | TRIP BLANK | | | | | |

No hits reported in this sample.

Sample Results

Report of Analysis

Report of Analysis

| | | | |
|-------------------|--|-----------------|----------|
| Client Sample ID: | TW-2 | Date Sampled: | 01/17/14 |
| Lab Sample ID: | JB58123-1 | Date Received: | 01/17/14 |
| Matrix: | AQ - Ground Water | Percent Solids: | n/a |
| Method: | SW846 8260C | | |
| Project: | Flushing Commons, Union Street, Flushing, NY | | |

| Run # | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|-----------|----|----------|-----|-----------|------------|------------------|
| Run #1 | C188105.D | 1 | 01/22/14 | TDN | n/a | n/a | VC6829 |
| Run #2 | | | | | | | |

| Run # | Purge Volume |
|--------|--------------|
| Run #1 | 5.0 ml |
| Run #2 | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|-----------------------------|--------|-----|------|-------|---|
| 67-64-1 | Acetone | ND | 10 | 3.3 | ug/l | |
| 71-43-2 | Benzene | ND | 1.0 | 0.28 | ug/l | |
| 74-97-5 | Bromochloromethane | ND | 5.0 | 0.42 | ug/l | |
| 75-27-4 | Bromodichloromethane | ND | 1.0 | 0.21 | ug/l | |
| 75-25-2 | Bromoform | ND | 4.0 | 0.30 | ug/l | |
| 74-83-9 | Bromomethane | ND | 2.0 | 0.56 | ug/l | |
| 78-93-3 | 2-Butanone (MEK) | ND | 10 | 3.2 | ug/l | |
| 75-15-0 | Carbon disulfide | ND | 2.0 | 0.18 | ug/l | |
| 56-23-5 | Carbon tetrachloride | ND | 1.0 | 0.23 | ug/l | |
| 108-90-7 | Chlorobenzene | ND | 1.0 | 0.35 | ug/l | |
| 75-00-3 | Chloroethane | ND | 1.0 | 0.39 | ug/l | |
| 67-66-3 | Chloroform | 0.72 | 1.0 | 0.25 | ug/l | J |
| 74-87-3 | Chloromethane | ND | 1.0 | 0.36 | ug/l | |
| 110-82-7 | Cyclohexane | ND | 5.0 | 0.18 | ug/l | |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ND | 10 | 1.3 | ug/l | |
| 124-48-1 | Dibromochloromethane | ND | 1.0 | 0.19 | ug/l | |
| 106-93-4 | 1,2-Dibromoethane | ND | 2.0 | 0.16 | ug/l | |
| 95-50-1 | 1,2-Dichlorobenzene | ND | 1.0 | 0.20 | ug/l | |
| 541-73-1 | 1,3-Dichlorobenzene | ND | 1.0 | 0.31 | ug/l | |
| 106-46-7 | 1,4-Dichlorobenzene | ND | 1.0 | 0.30 | ug/l | |
| 75-71-8 | Dichlorodifluoromethane | ND | 5.0 | 0.63 | ug/l | |
| 75-34-3 | 1,1-Dichloroethane | ND | 1.0 | 0.26 | ug/l | |
| 107-06-2 | 1,2-Dichloroethane | ND | 1.0 | 0.22 | ug/l | |
| 75-35-4 | 1,1-Dichloroethene | ND | 1.0 | 0.34 | ug/l | |
| 156-59-2 | cis-1,2-Dichloroethene | 9.6 | 1.0 | 0.24 | ug/l | |
| 156-60-5 | trans-1,2-Dichloroethene | ND | 1.0 | 0.38 | ug/l | |
| 78-87-5 | 1,2-Dichloropropane | ND | 1.0 | 0.28 | ug/l | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 1.0 | 0.15 | ug/l | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 100-41-4 | Ethylbenzene | ND | 1.0 | 0.21 | ug/l | |
| 76-13-1 | Freon 113 | ND | 5.0 | 0.77 | ug/l | |
| 591-78-6 | 2-Hexanone | ND | 5.0 | 1.7 | ug/l | |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | | | |
|-------------------|--|-----------------|----------|
| Client Sample ID: | TW-2 | Date Sampled: | 01/17/14 |
| Lab Sample ID: | JB58123-1 | Date Received: | 01/17/14 |
| Matrix: | AQ - Ground Water | Percent Solids: | n/a |
| Method: | SW846 8260C | | |
| Project: | Flushing Commons, Union Street, Flushing, NY | | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|----------------------------|--------|-----|------|-------|---|
| 98-82-8 | Isopropylbenzene | ND | 2.0 | 0.22 | ug/l | |
| 79-20-9 | Methyl Acetate | ND | 5.0 | 1.5 | ug/l | |
| 108-87-2 | Methylcyclohexane | ND | 5.0 | 0.15 | ug/l | |
| 1634-04-4 | Methyl Tert Butyl Ether | 0.38 | 1.0 | 0.29 | ug/l | J |
| 108-10-1 | 4-Methyl-2-pentanone(MIBK) | ND | 5.0 | 1.5 | ug/l | |
| 75-09-2 | Methylene chloride | ND | 2.0 | 0.86 | ug/l | |
| 100-42-5 | Styrene | ND | 5.0 | 0.30 | ug/l | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 1.0 | 0.20 | ug/l | |
| 127-18-4 | Tetrachloroethene | 7.0 | 1.0 | 0.25 | ug/l | |
| 108-88-3 | Toluene | ND | 1.0 | 0.44 | ug/l | |
| 87-61-6 | 1,2,3-Trichlorobenzene | ND | 5.0 | 0.24 | ug/l | |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | 5.0 | 0.22 | ug/l | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 1.0 | 0.25 | ug/l | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 1.0 | 0.21 | ug/l | |
| 79-01-6 | Trichloroethene | 4.0 | 1.0 | 0.50 | ug/l | |
| 75-69-4 | Trichlorofluoromethane | ND | 5.0 | 0.33 | ug/l | |
| 75-01-4 | Vinyl chloride | ND | 1.0 | 0.41 | ug/l | |
| | m,p-Xylene | ND | 1.0 | 0.40 | ug/l | |
| 95-47-6 | o-Xylene | ND | 1.0 | 0.19 | ug/l | |
| 1330-20-7 | Xylene (total) | ND | 1.0 | 0.19 | ug/l | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|------------|-----------------------|--------|--------|---------|
| 1868-53-7 | Dibromofluoromethane | 96% | | 79-117% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 94% | | 72-123% |
| 2037-26-5 | Toluene-D8 | 102% | | 82-118% |
| 460-00-4 | 4-Bromofluorobenzene | 100% | | 75-118% |

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J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

| | | | |
|-------------------|--|-----------------|----------|
| Client Sample ID: | TW-2 | Date Sampled: | 01/17/14 |
| Lab Sample ID: | JB58123-1 | Date Received: | 01/17/14 |
| Matrix: | AQ - Ground Water | Percent Solids: | n/a |
| Method: | SW846 8270D SW846 3510C | | |
| Project: | Flushing Commons, Union Street, Flushing, NY | | |

| Run #1 | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|-----------|----|----------|----|-----------|------------|------------------|
| Run #2 | M101245.D | 1 | 01/21/14 | KR | 01/20/14 | OP72120 | EM4122 |

| Run #1 | Initial Volume | Final Volume |
|--------|----------------|--------------|
| Run #2 | 960 ml | 1.0 ml |

ABN TCL List (SOM0 2.0)

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|----------------------------|--------|-----|------|-------|---|
| 95-57-8 | 2-Chlorophenol | ND | 5.2 | 1.0 | ug/l | |
| 59-50-7 | 4-Chloro-3-methyl phenol | ND | 5.2 | 1.9 | ug/l | |
| 120-83-2 | 2,4-Dichlorophenol | ND | 2.1 | 1.2 | ug/l | |
| 105-67-9 | 2,4-Dimethylphenol | ND | 5.2 | 1.6 | ug/l | |
| 51-28-5 | 2,4-Dinitrophenol | ND | 21 | 17 | ug/l | |
| 534-52-1 | 4,6-Dinitro-o-cresol | ND | 21 | 1.0 | ug/l | |
| 95-48-7 | 2-Methylphenol | ND | 2.1 | 1.1 | ug/l | |
| | 3&4-Methylphenol | ND | 2.1 | 0.96 | ug/l | |
| 88-75-5 | 2-Nitrophenol | ND | 5.2 | 1.6 | ug/l | |
| 100-02-7 | 4-Nitrophenol | ND | 10 | 5.4 | ug/l | |
| 87-86-5 | Pentachlorophenol | ND | 10 | 1.4 | ug/l | |
| 108-95-2 | Phenol | ND | 2.1 | 1.3 | ug/l | |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | ND | 5.2 | 0.98 | ug/l | |
| 95-95-4 | 2,4,5-Trichlorophenol | ND | 5.2 | 1.6 | ug/l | |
| 88-06-2 | 2,4,6-Trichlorophenol | ND | 5.2 | 1.3 | ug/l | |
| 83-32-9 | Acenaphthene | ND | 1.0 | 0.27 | ug/l | |
| 208-96-8 | Acenaphthylene | ND | 1.0 | 0.24 | ug/l | |
| 98-86-2 | Acetophenone | ND | 2.1 | 0.30 | ug/l | |
| 120-12-7 | Anthracene | ND | 1.0 | 0.30 | ug/l | |
| 1912-24-9 | Atrazine | ND | 2.1 | 0.51 | ug/l | |
| 100-52-7 | Benzaldehyde | ND | 5.2 | 3.4 | ug/l | |
| 56-55-3 | Benzo(a)anthracene | ND | 1.0 | 0.24 | ug/l | |
| 50-32-8 | Benzo(a)pyrene | ND | 1.0 | 0.24 | ug/l | |
| 205-99-2 | Benzo(b)fluoranthene | ND | 1.0 | 0.48 | ug/l | |
| 191-24-2 | Benzo(g,h,i)perylene | ND | 1.0 | 0.34 | ug/l | |
| 207-08-9 | Benzo(k)fluoranthene | ND | 1.0 | 0.53 | ug/l | |
| 101-55-3 | 4-Bromophenyl phenyl ether | ND | 2.1 | 0.37 | ug/l | |
| 85-68-7 | Butyl benzyl phthalate | ND | 2.1 | 0.30 | ug/l | |
| 92-52-4 | 1,1'-Biphenyl | ND | 1.0 | 0.32 | ug/l | |
| 91-58-7 | 2-Chloronaphthalene | ND | 2.1 | 0.31 | ug/l | |
| 106-47-8 | 4-Chloroaniline | ND | 5.2 | 0.55 | ug/l | |
| 86-74-8 | Carbazole | ND | 1.0 | 0.38 | ug/l | |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | | | |
|-------------------|--|-----------------|----------|
| Client Sample ID: | TW-2 | Date Sampled: | 01/17/14 |
| Lab Sample ID: | JB58123-1 | Date Received: | 01/17/14 |
| Matrix: | AQ - Ground Water | Percent Solids: | n/a |
| Method: | SW846 8270D SW846 3510C | | |
| Project: | Flushing Commons, Union Street, Flushing, NY | | |

ABN TCL List (SOM0 2.0)

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|-----------------------------|--------|-----|------|-------|---|
| 105-60-2 | Caprolactam | ND | 2.1 | 0.72 | ug/l | |
| 218-01-9 | Chrysene | ND | 1.0 | 0.30 | ug/l | |
| 111-91-1 | bis(2-Chloroethoxy)methane | ND | 2.1 | 0.32 | ug/l | |
| 111-44-4 | bis(2-Chloroethyl)ether | ND | 2.1 | 0.32 | ug/l | |
| 108-60-1 | bis(2-Chloroisopropyl)ether | ND | 2.1 | 0.47 | ug/l | |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | ND | 2.1 | 0.33 | ug/l | |
| 121-14-2 | 2,4-Dinitrotoluene | ND | 1.0 | 0.44 | ug/l | |
| 606-20-2 | 2,6-Dinitrotoluene | ND | 1.0 | 0.48 | ug/l | |
| 91-94-1 | 3,3'-Dichlorobenzidine | ND | 2.1 | 0.38 | ug/l | |
| 123-91-1 | 1,4-Dioxane | ND | 1.0 | 0.28 | ug/l | |
| 53-70-3 | Dibenzo(a,h)anthracene | ND | 1.0 | 0.39 | ug/l | |
| 132-64-9 | Dibenzofuran | ND | 5.2 | 0.28 | ug/l | |
| 84-74-2 | Di-n-butyl phthalate | ND | 2.1 | 0.58 | ug/l | |
| 117-84-0 | Di-n-octyl phthalate | ND | 2.1 | 0.32 | ug/l | |
| 84-66-2 | Diethyl phthalate | ND | 2.1 | 0.34 | ug/l | |
| 131-11-3 | Dimethyl phthalate | ND | 2.1 | 0.29 | ug/l | |
| 117-81-7 | bis(2-Ethylhexyl)phthalate | 1.6 | 2.1 | 0.61 | ug/l | J |
| 206-44-0 | Fluoranthene | ND | 1.0 | 0.33 | ug/l | |
| 86-73-7 | Fluorene | ND | 1.0 | 0.29 | ug/l | |
| 118-74-1 | Hexachlorobenzene | ND | 1.0 | 0.35 | ug/l | |
| 87-68-3 | Hexachlorobutadiene | ND | 1.0 | 0.53 | ug/l | |
| 77-47-4 | Hexachlorocyclopentadiene | ND | 10 | 7.4 | ug/l | |
| 67-72-1 | Hexachloroethane | ND | 2.1 | 0.57 | ug/l | |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | ND | 1.0 | 0.39 | ug/l | |
| 78-59-1 | Isophorone | ND | 2.1 | 0.28 | ug/l | |
| 91-57-6 | 2-Methylnaphthalene | ND | 1.0 | 0.40 | ug/l | |
| 88-74-4 | 2-Nitroaniline | ND | 5.2 | 1.2 | ug/l | |
| 99-09-2 | 3-Nitroaniline | ND | 5.2 | 1.3 | ug/l | |
| 100-01-6 | 4-Nitroaniline | ND | 5.2 | 1.7 | ug/l | |
| 91-20-3 | Naphthalene | ND | 1.0 | 0.27 | ug/l | |
| 98-95-3 | Nitrobenzene | ND | 2.1 | 0.44 | ug/l | |
| 621-64-7 | N-Nitroso-di-n-propylamine | ND | 2.1 | 0.31 | ug/l | |
| 86-30-6 | N-Nitrosodiphenylamine | ND | 5.2 | 0.32 | ug/l | |
| 85-01-8 | Phenanthrene | ND | 1.0 | 0.30 | ug/l | |
| 129-00-0 | Pyrene | ND | 1.0 | 0.28 | ug/l | |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | ND | 2.1 | 0.32 | ug/l | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|----------|----------------------|--------|--------|---------|
| 367-12-4 | 2-Fluorophenol | 48% | | 10-110% |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | | |
|--|--|--------------------------------|
| Client Sample ID: TW-2 | | Date Sampled: 01/17/14 |
| Lab Sample ID: JB58123-1 | | Date Received: 01/17/14 |
| Matrix: AQ - Ground Water | | Percent Solids: n/a |
| Method: SW846 8270D SW846 3510C | | |
| Project: Flushing Commons, Union Street, Flushing, NY | | |

ABN TCL List (SOM0 2.0)

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|-----------|----------------------|--------|--------|---------|
| 4165-62-2 | Phenol-d5 | 29% | | 10-110% |
| 118-79-6 | 2,4,6-Tribromophenol | 97% | | 29-139% |
| 4165-60-0 | Nitrobenzene-d5 | 84% | | 28-131% |
| 321-60-8 | 2-Fluorobiphenyl | 84% | | 30-121% |
| 1718-51-0 | Terphenyl-d14 | 68% | | 16-147% |

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 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

4.1
 4

Report of Analysis

| | | | |
|-------------------|--|-----------------|----------|
| Client Sample ID: | TW-2 | Date Sampled: | 01/17/14 |
| Lab Sample ID: | JB58123-1 | Date Received: | 01/17/14 |
| Matrix: | AQ - Ground Water | Percent Solids: | n/a |
| Method: | SW846 8081B SW846 3510C | | |
| Project: | Flushing Commons, Union Street, Flushing, NY | | |

| Run # | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|-----------|----|----------|----|-----------|------------|------------------|
| Run #1 | 1G98750.D | 1 | 01/23/14 | JN | 01/21/14 | OP72151 | G1G3238 |
| Run #2 | | | | | | | |

| Run # | Initial Volume | Final Volume |
|--------|----------------|--------------|
| Run #1 | 900 ml | 1.0 ml |
| Run #2 | | |

Pesticide TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|----------------------|--------|--------|---------|-------|---|
| 309-00-2 | Aldrin | ND | 0.0011 | 0.00088 | ug/l | |
| 319-84-6 | alpha-BHC | ND | 0.0011 | 0.00026 | ug/l | |
| 319-85-7 | beta-BHC | ND | 0.0011 | 0.00026 | ug/l | |
| 319-86-8 | delta-BHC | ND | 0.0011 | 0.00021 | ug/l | |
| 58-89-9 | gamma-BHC (Lindane) | ND | 0.0011 | 0.00019 | ug/l | |
| 5103-71-9 | alpha-Chlordane | ND | 0.0011 | 0.00032 | ug/l | |
| 5103-74-2 | gamma-Chlordane | ND | 0.0011 | 0.00023 | ug/l | |
| 60-57-1 | Dieldrin | 0.0026 | 0.0011 | 0.00018 | ug/l | |
| 72-54-8 | 4,4'-DDD | ND | 0.0011 | 0.00028 | ug/l | |
| 72-55-9 | 4,4'-DDE | ND | 0.0011 | 0.00019 | ug/l | |
| 50-29-3 | 4,4'-DDT | ND | 0.0011 | 0.00035 | ug/l | |
| 72-20-8 | Endrin | ND | 0.0011 | 0.00022 | ug/l | |
| 1031-07-8 | Endosulfan sulfate | ND | 0.0011 | 0.00021 | ug/l | |
| 7421-93-4 | Endrin aldehyde | ND | 0.0011 | 0.00041 | ug/l | |
| 53494-70-5 | Endrin ketone | ND | 0.0011 | 0.00053 | ug/l | |
| 959-98-8 | Endosulfan-I | ND | 0.0011 | 0.00031 | ug/l | |
| 33213-65-9 | Endosulfan-II | ND | 0.0011 | 0.00022 | ug/l | |
| 76-44-8 | Heptachlor | ND | 0.0011 | 0.00024 | ug/l | |
| 1024-57-3 | Heptachlor epoxide | ND | 0.0011 | 0.00029 | ug/l | |
| 72-43-5 | Methoxychlor | ND | 0.0022 | 0.00045 | ug/l | |
| 8001-35-2 | Toxaphene | ND | 0.028 | 0.016 | ug/l | |
| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits | | |
| 877-09-8 | Tetrachloro-m-xylene | 77% | | 14-144% | | |
| 877-09-8 | Tetrachloro-m-xylene | 65% | | 14-144% | | |
| 2051-24-3 | Decachlorobiphenyl | 52% | | 10-128% | | |
| 2051-24-3 | Decachlorobiphenyl | 52% | | 10-128% | | |

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B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | | | |
|-------------------|--|-----------------|----------|
| Client Sample ID: | TW-2 | Date Sampled: | 01/17/14 |
| Lab Sample ID: | JB58123-1 | Date Received: | 01/17/14 |
| Matrix: | AQ - Ground Water | Percent Solids: | n/a |
| Project: | Flushing Commons, Union Street, Flushing, NY | | |

Total Metals Analysis

| Analyte | Result | RL | Units | DF | Prep | Analyzed By | Method | Prep Method |
|-----------|---------|-------|-------|----|----------|-------------|--------------------------|--------------------------|
| Aluminum | 603 | 200 | ug/l | 1 | 01/20/14 | 01/21/14 RR | SW846 6010C ² | SW846 3010A ³ |
| Antimony | < 6.0 | 6.0 | ug/l | 1 | 01/20/14 | 01/21/14 RR | SW846 6010C ² | SW846 3010A ³ |
| Arsenic | < 3.0 | 3.0 | ug/l | 1 | 01/20/14 | 01/21/14 RR | SW846 6010C ² | SW846 3010A ³ |
| Barium | < 200 | 200 | ug/l | 1 | 01/20/14 | 01/21/14 RR | SW846 6010C ² | SW846 3010A ³ |
| Beryllium | < 1.0 | 1.0 | ug/l | 1 | 01/20/14 | 01/21/14 RR | SW846 6010C ² | SW846 3010A ³ |
| Cadmium | < 3.0 | 3.0 | ug/l | 1 | 01/20/14 | 01/21/14 RR | SW846 6010C ² | SW846 3010A ³ |
| Calcium | 199000 | 5000 | ug/l | 1 | 01/20/14 | 01/21/14 RR | SW846 6010C ² | SW846 3010A ³ |
| Chromium | < 10 | 10 | ug/l | 1 | 01/20/14 | 01/21/14 RR | SW846 6010C ² | SW846 3010A ³ |
| Cobalt | < 50 | 50 | ug/l | 1 | 01/20/14 | 01/21/14 RR | SW846 6010C ² | SW846 3010A ³ |
| Copper | < 10 | 10 | ug/l | 1 | 01/20/14 | 01/21/14 RR | SW846 6010C ² | SW846 3010A ³ |
| Iron | 1030 | 100 | ug/l | 1 | 01/20/14 | 01/21/14 RR | SW846 6010C ² | SW846 3010A ³ |
| Lead | < 3.0 | 3.0 | ug/l | 1 | 01/20/14 | 01/21/14 RR | SW846 6010C ² | SW846 3010A ³ |
| Magnesium | 92200 | 5000 | ug/l | 1 | 01/20/14 | 01/21/14 RR | SW846 6010C ² | SW846 3010A ³ |
| Manganese | 1600 | 15 | ug/l | 1 | 01/20/14 | 01/21/14 RR | SW846 6010C ² | SW846 3010A ³ |
| Mercury | < 0.20 | 0.20 | ug/l | 1 | 01/20/14 | 01/20/14 DP | SW846 7470A ¹ | SW846 7470A ⁴ |
| Nickel | 12.0 | 10 | ug/l | 1 | 01/20/14 | 01/21/14 RR | SW846 6010C ² | SW846 3010A ³ |
| Potassium | < 10000 | 10000 | ug/l | 1 | 01/20/14 | 01/21/14 RR | SW846 6010C ² | SW846 3010A ³ |
| Selenium | < 10 | 10 | ug/l | 1 | 01/20/14 | 01/21/14 RR | SW846 6010C ² | SW846 3010A ³ |
| Silver | < 10 | 10 | ug/l | 1 | 01/20/14 | 01/21/14 RR | SW846 6010C ² | SW846 3010A ³ |
| Sodium | 542000 | 10000 | ug/l | 1 | 01/20/14 | 01/21/14 RR | SW846 6010C ² | SW846 3010A ³ |
| Thallium | < 2.0 | 2.0 | ug/l | 1 | 01/20/14 | 01/21/14 RR | SW846 6010C ² | SW846 3010A ³ |
| Vanadium | < 50 | 50 | ug/l | 1 | 01/20/14 | 01/21/14 RR | SW846 6010C ² | SW846 3010A ³ |
| Zinc | < 20 | 20 | ug/l | 1 | 01/20/14 | 01/21/14 RR | SW846 6010C ² | SW846 3010A ³ |

(1) Instrument QC Batch: MA33108

(2) Instrument QC Batch: MA33118

(3) Prep QC Batch: MP77307

(4) Prep QC Batch: MP77316

RL = Reporting Limit

Report of Analysis

| | | | |
|-------------------|--|-----------------|----------|
| Client Sample ID: | TW-2 | Date Sampled: | 01/17/14 |
| Lab Sample ID: | JB58123-1F | Date Received: | 01/17/14 |
| Matrix: | AQ - Groundwater Filtered | Percent Solids: | n/a |
| Project: | Flushing Commons, Union Street, Flushing, NY | | |

Dissolved Metals Analysis

| Analyte | Result | RL | Units | DF | Prep | Analyzed By | Method | Prep Method |
|-----------|---------|-------|-------|----|----------|-------------|--------------------------|--------------------------|
| Aluminum | 625 | 200 | ug/l | 1 | 01/20/14 | 01/21/14 RR | SW846 6010C ² | SW846 3010A ³ |
| Antimony | < 6.0 | 6.0 | ug/l | 1 | 01/20/14 | 01/21/14 RR | SW846 6010C ² | SW846 3010A ³ |
| Arsenic | 3.2 | 3.0 | ug/l | 1 | 01/20/14 | 01/21/14 RR | SW846 6010C ² | SW846 3010A ³ |
| Barium | < 200 | 200 | ug/l | 1 | 01/20/14 | 01/21/14 RR | SW846 6010C ² | SW846 3010A ³ |
| Beryllium | < 1.0 | 1.0 | ug/l | 1 | 01/20/14 | 01/21/14 RR | SW846 6010C ² | SW846 3010A ³ |
| Cadmium | < 3.0 | 3.0 | ug/l | 1 | 01/20/14 | 01/21/14 RR | SW846 6010C ² | SW846 3010A ³ |
| Calcium | 197000 | 5000 | ug/l | 1 | 01/20/14 | 01/21/14 RR | SW846 6010C ² | SW846 3010A ³ |
| Chromium | < 10 | 10 | ug/l | 1 | 01/20/14 | 01/21/14 RR | SW846 6010C ² | SW846 3010A ³ |
| Cobalt | < 50 | 50 | ug/l | 1 | 01/20/14 | 01/21/14 RR | SW846 6010C ² | SW846 3010A ³ |
| Copper | < 10 | 10 | ug/l | 1 | 01/20/14 | 01/21/14 RR | SW846 6010C ² | SW846 3010A ³ |
| Iron | 1100 | 100 | ug/l | 1 | 01/20/14 | 01/21/14 RR | SW846 6010C ² | SW846 3010A ³ |
| Lead | < 3.0 | 3.0 | ug/l | 1 | 01/20/14 | 01/21/14 RR | SW846 6010C ² | SW846 3010A ³ |
| Magnesium | 91100 | 5000 | ug/l | 1 | 01/20/14 | 01/21/14 RR | SW846 6010C ² | SW846 3010A ³ |
| Manganese | 1610 | 15 | ug/l | 1 | 01/20/14 | 01/21/14 RR | SW846 6010C ² | SW846 3010A ³ |
| Mercury | < 0.20 | 0.20 | ug/l | 1 | 01/20/14 | 01/20/14 DP | SW846 7470A ¹ | SW846 7470A ⁴ |
| Nickel | 12.3 | 10 | ug/l | 1 | 01/20/14 | 01/21/14 RR | SW846 6010C ² | SW846 3010A ³ |
| Potassium | < 10000 | 10000 | ug/l | 1 | 01/20/14 | 01/21/14 RR | SW846 6010C ² | SW846 3010A ³ |
| Selenium | < 10 | 10 | ug/l | 1 | 01/20/14 | 01/21/14 RR | SW846 6010C ² | SW846 3010A ³ |
| Silver | < 10 | 10 | ug/l | 1 | 01/20/14 | 01/21/14 RR | SW846 6010C ² | SW846 3010A ³ |
| Sodium | 536000 | 10000 | ug/l | 1 | 01/20/14 | 01/21/14 RR | SW846 6010C ² | SW846 3010A ³ |
| Thallium | < 2.0 | 2.0 | ug/l | 1 | 01/20/14 | 01/21/14 RR | SW846 6010C ² | SW846 3010A ³ |
| Vanadium | < 50 | 50 | ug/l | 1 | 01/20/14 | 01/21/14 RR | SW846 6010C ² | SW846 3010A ³ |
| Zinc | < 20 | 20 | ug/l | 1 | 01/20/14 | 01/21/14 RR | SW846 6010C ² | SW846 3010A ³ |

(1) Instrument QC Batch: MA33108

(2) Instrument QC Batch: MA33118

(3) Prep QC Batch: MP77307

(4) Prep QC Batch: MP77316

RL = Reporting Limit

Report of Analysis

| | | | |
|-------------------|--|-----------------|----------|
| Client Sample ID: | TW-4 | Date Sampled: | 01/17/14 |
| Lab Sample ID: | JB58123-2 | Date Received: | 01/17/14 |
| Matrix: | AQ - Ground Water | Percent Solids: | n/a |
| Method: | SW846 8260C | | |
| Project: | Flushing Commons, Union Street, Flushing, NY | | |

| Run # | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|-----------|----|----------|-----|-----------|------------|------------------|
| Run #1 | C188106.D | 1 | 01/22/14 | TDN | n/a | n/a | VC6829 |
| Run #2 | | | | | | | |

| Run # | Purge Volume |
|--------|--------------|
| Run #1 | 5.0 ml |
| Run #2 | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|-----------------------------|--------|-----|------|-------|---|
| 67-64-1 | Acetone | ND | 10 | 3.3 | ug/l | |
| 71-43-2 | Benzene | ND | 1.0 | 0.28 | ug/l | |
| 74-97-5 | Bromochloromethane | ND | 5.0 | 0.42 | ug/l | |
| 75-27-4 | Bromodichloromethane | ND | 1.0 | 0.21 | ug/l | |
| 75-25-2 | Bromoform | ND | 4.0 | 0.30 | ug/l | |
| 74-83-9 | Bromomethane | ND | 2.0 | 0.56 | ug/l | |
| 78-93-3 | 2-Butanone (MEK) | ND | 10 | 3.2 | ug/l | |
| 75-15-0 | Carbon disulfide | ND | 2.0 | 0.18 | ug/l | |
| 56-23-5 | Carbon tetrachloride | ND | 1.0 | 0.23 | ug/l | |
| 108-90-7 | Chlorobenzene | ND | 1.0 | 0.35 | ug/l | |
| 75-00-3 | Chloroethane | ND | 1.0 | 0.39 | ug/l | |
| 67-66-3 | Chloroform | 0.32 | 1.0 | 0.25 | ug/l | J |
| 74-87-3 | Chloromethane | ND | 1.0 | 0.36 | ug/l | |
| 110-82-7 | Cyclohexane | ND | 5.0 | 0.18 | ug/l | |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ND | 10 | 1.3 | ug/l | |
| 124-48-1 | Dibromochloromethane | ND | 1.0 | 0.19 | ug/l | |
| 106-93-4 | 1,2-Dibromoethane | ND | 2.0 | 0.16 | ug/l | |
| 95-50-1 | 1,2-Dichlorobenzene | ND | 1.0 | 0.20 | ug/l | |
| 541-73-1 | 1,3-Dichlorobenzene | ND | 1.0 | 0.31 | ug/l | |
| 106-46-7 | 1,4-Dichlorobenzene | ND | 1.0 | 0.30 | ug/l | |
| 75-71-8 | Dichlorodifluoromethane | ND | 5.0 | 0.63 | ug/l | |
| 75-34-3 | 1,1-Dichloroethane | ND | 1.0 | 0.26 | ug/l | |
| 107-06-2 | 1,2-Dichloroethane | ND | 1.0 | 0.22 | ug/l | |
| 75-35-4 | 1,1-Dichloroethene | ND | 1.0 | 0.34 | ug/l | |
| 156-59-2 | cis-1,2-Dichloroethene | 3.2 | 1.0 | 0.24 | ug/l | |
| 156-60-5 | trans-1,2-Dichloroethene | ND | 1.0 | 0.38 | ug/l | |
| 78-87-5 | 1,2-Dichloropropane | ND | 1.0 | 0.28 | ug/l | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 1.0 | 0.15 | ug/l | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 100-41-4 | Ethylbenzene | ND | 1.0 | 0.21 | ug/l | |
| 76-13-1 | Freon 113 | ND | 5.0 | 0.77 | ug/l | |
| 591-78-6 | 2-Hexanone | ND | 5.0 | 1.7 | ug/l | |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | | |
|---|--|-------------------------|
| Client Sample ID: TW-4 | | Date Sampled: 01/17/14 |
| Lab Sample ID: JB58123-2 | | Date Received: 01/17/14 |
| Matrix: AQ - Ground Water | | Percent Solids: n/a |
| Method: SW846 8260C | | |
| Project: Flushing Commons, Union Street, Flushing, NY | | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|----------------------------|--------|-----|------|-------|---|
| 98-82-8 | Isopropylbenzene | ND | 2.0 | 0.22 | ug/l | |
| 79-20-9 | Methyl Acetate | ND | 5.0 | 1.5 | ug/l | |
| 108-87-2 | Methylcyclohexane | ND | 5.0 | 0.15 | ug/l | |
| 1634-04-4 | Methyl Tert Butyl Ether | ND | 1.0 | 0.29 | ug/l | |
| 108-10-1 | 4-Methyl-2-pentanone(MIBK) | ND | 5.0 | 1.5 | ug/l | |
| 75-09-2 | Methylene chloride | ND | 2.0 | 0.86 | ug/l | |
| 100-42-5 | Styrene | ND | 5.0 | 0.30 | ug/l | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 1.0 | 0.20 | ug/l | |
| 127-18-4 | Tetrachloroethene | 5.2 | 1.0 | 0.25 | ug/l | |
| 108-88-3 | Toluene | ND | 1.0 | 0.44 | ug/l | |
| 87-61-6 | 1,2,3-Trichlorobenzene | ND | 5.0 | 0.24 | ug/l | |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | 5.0 | 0.22 | ug/l | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 1.0 | 0.25 | ug/l | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 1.0 | 0.21 | ug/l | |
| 79-01-6 | Trichloroethene | 2.9 | 1.0 | 0.50 | ug/l | |
| 75-69-4 | Trichlorofluoromethane | ND | 5.0 | 0.33 | ug/l | |
| 75-01-4 | Vinyl chloride | ND | 1.0 | 0.41 | ug/l | |
| | m,p-Xylene | ND | 1.0 | 0.40 | ug/l | |
| 95-47-6 | o-Xylene | ND | 1.0 | 0.19 | ug/l | |
| 1330-20-7 | Xylene (total) | ND | 1.0 | 0.19 | ug/l | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|------------|-----------------------|--------|--------|---------|
| 1868-53-7 | Dibromofluoromethane | 96% | | 79-117% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 94% | | 72-123% |
| 2037-26-5 | Toluene-D8 | 102% | | 82-118% |
| 460-00-4 | 4-Bromofluorobenzene | 98% | | 75-118% |

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

4.3
4

Report of Analysis

| | | | |
|-------------------|--|-----------------|----------|
| Client Sample ID: | TW-4 | Date Sampled: | 01/17/14 |
| Lab Sample ID: | JB58123-2 | Date Received: | 01/17/14 |
| Matrix: | AQ - Ground Water | Percent Solids: | n/a |
| Method: | SW846 8270D SW846 3510C | | |
| Project: | Flushing Commons, Union Street, Flushing, NY | | |

| Run # | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|-----------|----|----------|----|-----------|------------|------------------|
| Run #1 | M101246.D | 1 | 01/21/14 | KR | 01/20/14 | OP72120 | EM4122 |
| Run #2 | | | | | | | |

| Run # | Initial Volume | Final Volume |
|--------|----------------|--------------|
| Run #1 | 960 ml | 1.0 ml |
| Run #2 | | |

ABN TCL List (SOM0 2.0)

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|----------------------------|--------|-----|------|-------|---|
| 95-57-8 | 2-Chlorophenol | ND | 5.2 | 1.0 | ug/l | |
| 59-50-7 | 4-Chloro-3-methyl phenol | ND | 5.2 | 1.9 | ug/l | |
| 120-83-2 | 2,4-Dichlorophenol | ND | 2.1 | 1.2 | ug/l | |
| 105-67-9 | 2,4-Dimethylphenol | ND | 5.2 | 1.6 | ug/l | |
| 51-28-5 | 2,4-Dinitrophenol | ND | 21 | 17 | ug/l | |
| 534-52-1 | 4,6-Dinitro-o-cresol | ND | 21 | 1.0 | ug/l | |
| 95-48-7 | 2-Methylphenol | ND | 2.1 | 1.1 | ug/l | |
| | 3&4-Methylphenol | ND | 2.1 | 0.96 | ug/l | |
| 88-75-5 | 2-Nitrophenol | ND | 5.2 | 1.6 | ug/l | |
| 100-02-7 | 4-Nitrophenol | ND | 10 | 5.4 | ug/l | |
| 87-86-5 | Pentachlorophenol | ND | 10 | 1.4 | ug/l | |
| 108-95-2 | Phenol | ND | 2.1 | 1.3 | ug/l | |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | ND | 5.2 | 0.98 | ug/l | |
| 95-95-4 | 2,4,5-Trichlorophenol | ND | 5.2 | 1.6 | ug/l | |
| 88-06-2 | 2,4,6-Trichlorophenol | ND | 5.2 | 1.3 | ug/l | |
| 83-32-9 | Acenaphthene | ND | 1.0 | 0.27 | ug/l | |
| 208-96-8 | Acenaphthylene | ND | 1.0 | 0.24 | ug/l | |
| 98-86-2 | Acetophenone | ND | 2.1 | 0.30 | ug/l | |
| 120-12-7 | Anthracene | ND | 1.0 | 0.30 | ug/l | |
| 1912-24-9 | Atrazine | ND | 2.1 | 0.51 | ug/l | |
| 100-52-7 | Benzaldehyde | ND | 5.2 | 3.4 | ug/l | |
| 56-55-3 | Benzo(a)anthracene | ND | 1.0 | 0.24 | ug/l | |
| 50-32-8 | Benzo(a)pyrene | ND | 1.0 | 0.24 | ug/l | |
| 205-99-2 | Benzo(b)fluoranthene | ND | 1.0 | 0.48 | ug/l | |
| 191-24-2 | Benzo(g,h,i)perylene | ND | 1.0 | 0.34 | ug/l | |
| 207-08-9 | Benzo(k)fluoranthene | ND | 1.0 | 0.53 | ug/l | |
| 101-55-3 | 4-Bromophenyl phenyl ether | ND | 2.1 | 0.37 | ug/l | |
| 85-68-7 | Butyl benzyl phthalate | ND | 2.1 | 0.30 | ug/l | |
| 92-52-4 | 1,1'-Biphenyl | ND | 1.0 | 0.32 | ug/l | |
| 91-58-7 | 2-Chloronaphthalene | ND | 2.1 | 0.31 | ug/l | |
| 106-47-8 | 4-Chloroaniline | ND | 5.2 | 0.55 | ug/l | |
| 86-74-8 | Carbazole | ND | 1.0 | 0.38 | ug/l | |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | | | |
|-------------------|--|-----------------|----------|
| Client Sample ID: | TW-4 | Date Sampled: | 01/17/14 |
| Lab Sample ID: | JB58123-2 | Date Received: | 01/17/14 |
| Matrix: | AQ - Ground Water | Percent Solids: | n/a |
| Method: | SW846 8270D SW846 3510C | | |
| Project: | Flushing Commons, Union Street, Flushing, NY | | |

ABN TCL List (SOM0 2.0)

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|-----------------------------|--------|-----|------|-------|---|
| 105-60-2 | Caprolactam | ND | 2.1 | 0.72 | ug/l | |
| 218-01-9 | Chrysene | ND | 1.0 | 0.30 | ug/l | |
| 111-91-1 | bis(2-Chloroethoxy)methane | ND | 2.1 | 0.32 | ug/l | |
| 111-44-4 | bis(2-Chloroethyl)ether | ND | 2.1 | 0.32 | ug/l | |
| 108-60-1 | bis(2-Chloroisopropyl)ether | ND | 2.1 | 0.47 | ug/l | |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | ND | 2.1 | 0.33 | ug/l | |
| 121-14-2 | 2,4-Dinitrotoluene | ND | 1.0 | 0.44 | ug/l | |
| 606-20-2 | 2,6-Dinitrotoluene | ND | 1.0 | 0.48 | ug/l | |
| 91-94-1 | 3,3'-Dichlorobenzidine | ND | 2.1 | 0.38 | ug/l | |
| 123-91-1 | 1,4-Dioxane | ND | 1.0 | 0.28 | ug/l | |
| 53-70-3 | Dibenzo(a,h)anthracene | ND | 1.0 | 0.39 | ug/l | |
| 132-64-9 | Dibenzofuran | ND | 5.2 | 0.28 | ug/l | |
| 84-74-2 | Di-n-butyl phthalate | ND | 2.1 | 0.58 | ug/l | |
| 117-84-0 | Di-n-octyl phthalate | ND | 2.1 | 0.32 | ug/l | |
| 84-66-2 | Diethyl phthalate | ND | 2.1 | 0.34 | ug/l | |
| 131-11-3 | Dimethyl phthalate | ND | 2.1 | 0.29 | ug/l | |
| 117-81-7 | bis(2-Ethylhexyl)phthalate | ND | 2.1 | 0.61 | ug/l | |
| 206-44-0 | Fluoranthene | ND | 1.0 | 0.33 | ug/l | |
| 86-73-7 | Fluorene | ND | 1.0 | 0.29 | ug/l | |
| 118-74-1 | Hexachlorobenzene | ND | 1.0 | 0.35 | ug/l | |
| 87-68-3 | Hexachlorobutadiene | ND | 1.0 | 0.53 | ug/l | |
| 77-47-4 | Hexachlorocyclopentadiene | ND | 10 | 7.4 | ug/l | |
| 67-72-1 | Hexachloroethane | ND | 2.1 | 0.57 | ug/l | |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | ND | 1.0 | 0.39 | ug/l | |
| 78-59-1 | Isophorone | ND | 2.1 | 0.28 | ug/l | |
| 91-57-6 | 2-Methylnaphthalene | ND | 1.0 | 0.40 | ug/l | |
| 88-74-4 | 2-Nitroaniline | ND | 5.2 | 1.2 | ug/l | |
| 99-09-2 | 3-Nitroaniline | ND | 5.2 | 1.3 | ug/l | |
| 100-01-6 | 4-Nitroaniline | ND | 5.2 | 1.7 | ug/l | |
| 91-20-3 | Naphthalene | ND | 1.0 | 0.27 | ug/l | |
| 98-95-3 | Nitrobenzene | ND | 2.1 | 0.44 | ug/l | |
| 621-64-7 | N-Nitroso-di-n-propylamine | ND | 2.1 | 0.31 | ug/l | |
| 86-30-6 | N-Nitrosodiphenylamine | ND | 5.2 | 0.32 | ug/l | |
| 85-01-8 | Phenanthrene | ND | 1.0 | 0.30 | ug/l | |
| 129-00-0 | Pyrene | ND | 1.0 | 0.28 | ug/l | |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | ND | 2.1 | 0.32 | ug/l | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|----------|----------------------|--------|--------|---------|
| 367-12-4 | 2-Fluorophenol | 44% | | 10-110% |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | | |
|--|--|--------------------------------|
| Client Sample ID: TW-4 | | Date Sampled: 01/17/14 |
| Lab Sample ID: JB58123-2 | | Date Received: 01/17/14 |
| Matrix: AQ - Ground Water | | Percent Solids: n/a |
| Method: SW846 8270D SW846 3510C | | |
| Project: Flushing Commons, Union Street, Flushing, NY | | |

ABN TCL List (SOM0 2.0)

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|-----------|----------------------|--------|--------|---------|
| 4165-62-2 | Phenol-d5 | 28% | | 10-110% |
| 118-79-6 | 2,4,6-Tribromophenol | 97% | | 29-139% |
| 4165-60-0 | Nitrobenzene-d5 | 74% | | 28-131% |
| 321-60-8 | 2-Fluorobiphenyl | 73% | | 30-121% |
| 1718-51-0 | Terphenyl-d14 | 85% | | 16-147% |

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

4.3
 4

Report of Analysis

| | | | |
|-------------------|--|-----------------|----------|
| Client Sample ID: | TW-4 | Date Sampled: | 01/17/14 |
| Lab Sample ID: | JB58123-2 | Date Received: | 01/17/14 |
| Matrix: | AQ - Ground Water | Percent Solids: | n/a |
| Method: | SW846 8081B SW846 3510C | | |
| Project: | Flushing Commons, Union Street, Flushing, NY | | |

| Run # | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|-----------|----|----------|----|-----------|------------|------------------|
| Run #1 | 1G98751.D | 1 | 01/23/14 | JN | 01/21/14 | OP72151 | G1G3238 |
| Run #2 | | | | | | | |

| Run # | Initial Volume | Final Volume |
|--------|----------------|--------------|
| Run #1 | 1000 ml | 1.0 ml |
| Run #2 | | |

Pesticide TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|---------------------|--------|--------|---------|-------|---|
| 309-00-2 | Aldrin | ND | 0.0010 | 0.00079 | ug/l | |
| 319-84-6 | alpha-BHC | ND | 0.0010 | 0.00023 | ug/l | |
| 319-85-7 | beta-BHC | ND | 0.0010 | 0.00023 | ug/l | |
| 319-86-8 | delta-BHC | ND | 0.0010 | 0.00019 | ug/l | |
| 58-89-9 | gamma-BHC (Lindane) | ND | 0.0010 | 0.00017 | ug/l | |
| 5103-71-9 | alpha-Chlordane | ND | 0.0010 | 0.00029 | ug/l | |
| 5103-74-2 | gamma-Chlordane | ND | 0.0010 | 0.00021 | ug/l | |
| 60-57-1 | Dieldrin | ND | 0.0010 | 0.00016 | ug/l | |
| 72-54-8 | 4,4'-DDD | ND | 0.0010 | 0.00025 | ug/l | |
| 72-55-9 | 4,4'-DDE | ND | 0.0010 | 0.00017 | ug/l | |
| 50-29-3 | 4,4'-DDT | ND | 0.0010 | 0.00032 | ug/l | |
| 72-20-8 | Endrin | ND | 0.0010 | 0.00020 | ug/l | |
| 1031-07-8 | Endosulfan sulfate | ND | 0.0010 | 0.00019 | ug/l | |
| 7421-93-4 | Endrin aldehyde | ND | 0.0010 | 0.00037 | ug/l | |
| 53494-70-5 | Endrin ketone | ND | 0.0010 | 0.00047 | ug/l | |
| 959-98-8 | Endosulfan-I | ND | 0.0010 | 0.00028 | ug/l | |
| 33213-65-9 | Endosulfan-II | ND | 0.0010 | 0.00020 | ug/l | |
| 76-44-8 | Heptachlor | ND | 0.0010 | 0.00022 | ug/l | |
| 1024-57-3 | Heptachlor epoxide | ND | 0.0010 | 0.00026 | ug/l | |
| 72-43-5 | Methoxychlor | ND | 0.0020 | 0.00041 | ug/l | |
| 8001-35-2 | Toxaphene | ND | 0.025 | 0.015 | ug/l | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|-----------|----------------------|--------|--------|---------|
| 877-09-8 | Tetrachloro-m-xylene | 81% | | 14-144% |
| 877-09-8 | Tetrachloro-m-xylene | 68% | | 14-144% |
| 2051-24-3 | Decachlorobiphenyl | 66% | | 10-128% |
| 2051-24-3 | Decachlorobiphenyl | 68% | | 10-128% |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | | |
|---|--|-------------------------|
| Client Sample ID: TW-4 | | Date Sampled: 01/17/14 |
| Lab Sample ID: JB58123-2 | | Date Received: 01/17/14 |
| Matrix: AQ - Ground Water | | Percent Solids: n/a |
| Method: SW846 8082A SW846 3510C | | |
| Project: Flushing Commons, Union Street, Flushing, NY | | |

| Run # | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|------------|----|----------|----|-----------|------------|------------------|
| Run #1 | XX144575.D | 1 | 01/24/14 | JR | 01/21/14 | OP72150 | GXX4873 |
| Run #2 | | | | | | | |

| Run # | Initial Volume | Final Volume |
|--------|----------------|--------------|
| Run #1 | 1000 ml | 1.0 ml |
| Run #2 | | |

PCB List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|--------------|--------|-------|--------|-------|---|
| 12674-11-2 | Aroclor 1016 | ND | 0.050 | 0.013 | ug/l | |
| 11104-28-2 | Aroclor 1221 | ND | 0.050 | 0.027 | ug/l | |
| 11141-16-5 | Aroclor 1232 | ND | 0.050 | 0.039 | ug/l | |
| 53469-21-9 | Aroclor 1242 | ND | 0.050 | 0.0086 | ug/l | |
| 12672-29-6 | Aroclor 1248 | ND | 0.050 | 0.015 | ug/l | |
| 11097-69-1 | Aroclor 1254 | ND | 0.050 | 0.014 | ug/l | |
| 11096-82-5 | Aroclor 1260 | ND | 0.050 | 0.021 | ug/l | |
| 11100-14-4 | Aroclor 1268 | ND | 0.050 | 0.013 | ug/l | |
| 37324-23-5 | Aroclor 1262 | ND | 0.050 | 0.0060 | ug/l | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|-----------|----------------------|--------|--------|---------|
| 877-09-8 | Tetrachloro-m-xylene | 90% | | 16-140% |
| 877-09-8 | Tetrachloro-m-xylene | 88% | | 16-140% |
| 2051-24-3 | Decachlorobiphenyl | 84% | | 10-125% |
| 2051-24-3 | Decachlorobiphenyl | 78% | | 10-125% |

ND = Not detected MDL - Method Detection Limit J = Indicates an estimated value
 RL = Reporting Limit B = Indicates analyte found in associated method blank
 E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

4.3
4

Report of Analysis

| | | | |
|-------------------|--|-----------------|----------|
| Client Sample ID: | TW-4 | Date Sampled: | 01/17/14 |
| Lab Sample ID: | JB58123-2 | Date Received: | 01/17/14 |
| Matrix: | AQ - Ground Water | Percent Solids: | n/a |
| Project: | Flushing Commons, Union Street, Flushing, NY | | |

Total Metals Analysis

| Analyte | Result | RL | Units | DF | Prep | Analyzed By | Method | Prep Method |
|-----------|--------|-------|-------|----|----------|-------------|--------------------------|--------------------------|
| Aluminum | 205 | 200 | ug/l | 1 | 01/20/14 | 01/21/14 RR | SW846 6010C ² | SW846 3010A ⁴ |
| Antimony | < 6.0 | 6.0 | ug/l | 1 | 01/20/14 | 01/21/14 RR | SW846 6010C ² | SW846 3010A ⁴ |
| Arsenic | 4.4 | 3.0 | ug/l | 1 | 01/20/14 | 01/21/14 RR | SW846 6010C ² | SW846 3010A ⁴ |
| Barium | < 200 | 200 | ug/l | 1 | 01/20/14 | 01/21/14 RR | SW846 6010C ² | SW846 3010A ⁴ |
| Beryllium | < 1.0 | 1.0 | ug/l | 1 | 01/20/14 | 01/21/14 RR | SW846 6010C ² | SW846 3010A ⁴ |
| Cadmium | < 3.0 | 3.0 | ug/l | 1 | 01/20/14 | 01/21/14 RR | SW846 6010C ² | SW846 3010A ⁴ |
| Calcium | 51500 | 5000 | ug/l | 1 | 01/20/14 | 01/21/14 RR | SW846 6010C ² | SW846 3010A ⁴ |
| Chromium | < 10 | 10 | ug/l | 1 | 01/20/14 | 01/21/14 RR | SW846 6010C ² | SW846 3010A ⁴ |
| Cobalt | < 50 | 50 | ug/l | 1 | 01/20/14 | 01/21/14 RR | SW846 6010C ² | SW846 3010A ⁴ |
| Copper | < 10 | 10 | ug/l | 1 | 01/20/14 | 01/21/14 RR | SW846 6010C ² | SW846 3010A ⁴ |
| Iron | 2450 | 100 | ug/l | 1 | 01/20/14 | 01/21/14 RR | SW846 6010C ² | SW846 3010A ⁴ |
| Lead | < 3.0 | 3.0 | ug/l | 1 | 01/20/14 | 01/21/14 RR | SW846 6010C ² | SW846 3010A ⁴ |
| Magnesium | 23600 | 5000 | ug/l | 1 | 01/20/14 | 01/21/14 RR | SW846 6010C ² | SW846 3010A ⁴ |
| Manganese | 1130 | 15 | ug/l | 1 | 01/20/14 | 01/21/14 RR | SW846 6010C ² | SW846 3010A ⁴ |
| Mercury | < 0.20 | 0.20 | ug/l | 1 | 01/20/14 | 01/20/14 DP | SW846 7470A ¹ | SW846 7470A ⁵ |
| Nickel | 11.5 | 10 | ug/l | 1 | 01/20/14 | 01/21/14 RR | SW846 6010C ² | SW846 3010A ⁴ |
| Potassium | 15400 | 10000 | ug/l | 1 | 01/20/14 | 01/21/14 RR | SW846 6010C ² | SW846 3010A ⁴ |
| Selenium | < 10 | 10 | ug/l | 1 | 01/20/14 | 01/21/14 RR | SW846 6010C ² | SW846 3010A ⁴ |
| Silver | < 10 | 10 | ug/l | 1 | 01/20/14 | 01/21/14 RR | SW846 6010C ² | SW846 3010A ⁴ |
| Sodium | 37000 | 10000 | ug/l | 1 | 01/20/14 | 01/21/14 RR | SW846 6010C ² | SW846 3010A ⁴ |
| Thallium | < 2.0 | 2.0 | ug/l | 1 | 01/20/14 | 01/23/14 SM | SW846 6010C ³ | SW846 3010A ⁴ |
| Vanadium | < 50 | 50 | ug/l | 1 | 01/20/14 | 01/21/14 RR | SW846 6010C ² | SW846 3010A ⁴ |
| Zinc | 20.2 | 20 | ug/l | 1 | 01/20/14 | 01/21/14 RR | SW846 6010C ² | SW846 3010A ⁴ |

(1) Instrument QC Batch: MA33108

(2) Instrument QC Batch: MA33118

(3) Instrument QC Batch: MA33132

(4) Prep QC Batch: MP77307

(5) Prep QC Batch: MP77316

RL = Reporting Limit

Report of Analysis

| | | | |
|-------------------|--|-----------------|----------|
| Client Sample ID: | TW-4 | Date Sampled: | 01/17/14 |
| Lab Sample ID: | JB58123-2F | Date Received: | 01/17/14 |
| Matrix: | AQ - Groundwater Filtered | Percent Solids: | n/a |
| Project: | Flushing Commons, Union Street, Flushing, NY | | |

Dissolved Metals Analysis

| Analyte | Result | RL | Units | DF | Prep | Analyzed By | Method | Prep Method |
|-----------|--------|-------|-------|----|----------|-------------|--------------------------|--------------------------|
| Aluminum | 209 | 200 | ug/l | 1 | 01/20/14 | 01/21/14 RR | SW846 6010C ² | SW846 3010A ³ |
| Antimony | < 6.0 | 6.0 | ug/l | 1 | 01/20/14 | 01/21/14 RR | SW846 6010C ² | SW846 3010A ³ |
| Arsenic | 3.5 | 3.0 | ug/l | 1 | 01/20/14 | 01/21/14 RR | SW846 6010C ² | SW846 3010A ³ |
| Barium | < 200 | 200 | ug/l | 1 | 01/20/14 | 01/21/14 RR | SW846 6010C ² | SW846 3010A ³ |
| Beryllium | < 1.0 | 1.0 | ug/l | 1 | 01/20/14 | 01/21/14 RR | SW846 6010C ² | SW846 3010A ³ |
| Cadmium | < 3.0 | 3.0 | ug/l | 1 | 01/20/14 | 01/21/14 RR | SW846 6010C ² | SW846 3010A ³ |
| Calcium | 50800 | 5000 | ug/l | 1 | 01/20/14 | 01/21/14 RR | SW846 6010C ² | SW846 3010A ³ |
| Chromium | < 10 | 10 | ug/l | 1 | 01/20/14 | 01/21/14 RR | SW846 6010C ² | SW846 3010A ³ |
| Cobalt | < 50 | 50 | ug/l | 1 | 01/20/14 | 01/21/14 RR | SW846 6010C ² | SW846 3010A ³ |
| Copper | < 10 | 10 | ug/l | 1 | 01/20/14 | 01/21/14 RR | SW846 6010C ² | SW846 3010A ³ |
| Iron | 2410 | 100 | ug/l | 1 | 01/20/14 | 01/21/14 RR | SW846 6010C ² | SW846 3010A ³ |
| Lead | < 3.0 | 3.0 | ug/l | 1 | 01/20/14 | 01/21/14 RR | SW846 6010C ² | SW846 3010A ³ |
| Magnesium | 23300 | 5000 | ug/l | 1 | 01/20/14 | 01/21/14 RR | SW846 6010C ² | SW846 3010A ³ |
| Manganese | 1090 | 15 | ug/l | 1 | 01/20/14 | 01/21/14 RR | SW846 6010C ² | SW846 3010A ³ |
| Mercury | < 0.20 | 0.20 | ug/l | 1 | 01/20/14 | 01/20/14 DP | SW846 7470A ¹ | SW846 7470A ⁴ |
| Nickel | 11.3 | 10 | ug/l | 1 | 01/20/14 | 01/21/14 RR | SW846 6010C ² | SW846 3010A ³ |
| Potassium | 15200 | 10000 | ug/l | 1 | 01/20/14 | 01/21/14 RR | SW846 6010C ² | SW846 3010A ³ |
| Selenium | < 10 | 10 | ug/l | 1 | 01/20/14 | 01/21/14 RR | SW846 6010C ² | SW846 3010A ³ |
| Silver | < 10 | 10 | ug/l | 1 | 01/20/14 | 01/21/14 RR | SW846 6010C ² | SW846 3010A ³ |
| Sodium | 36500 | 10000 | ug/l | 1 | 01/20/14 | 01/21/14 RR | SW846 6010C ² | SW846 3010A ³ |
| Thallium | < 2.0 | 2.0 | ug/l | 1 | 01/20/14 | 01/21/14 RR | SW846 6010C ² | SW846 3010A ³ |
| Vanadium | < 50 | 50 | ug/l | 1 | 01/20/14 | 01/21/14 RR | SW846 6010C ² | SW846 3010A ³ |
| Zinc | < 20 | 20 | ug/l | 1 | 01/20/14 | 01/21/14 RR | SW846 6010C ² | SW846 3010A ³ |

(1) Instrument QC Batch: MA33108

(2) Instrument QC Batch: MA33118

(3) Prep QC Batch: MP77307

(4) Prep QC Batch: MP77316

RL = Reporting Limit

Report of Analysis

| | | | |
|-------------------|--|-----------------|----------|
| Client Sample ID: | TW-1 | Date Sampled: | 01/20/14 |
| Lab Sample ID: | JB58302-1 | Date Received: | 01/22/14 |
| Matrix: | AQ - Ground Water | Percent Solids: | n/a |
| Method: | SW846 8260C | | |
| Project: | Flushing Commons, Union Street, Flushing, NY | | |

| Run #1 | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|-----------|----|----------|-----|-----------|------------|------------------|
| Run #2 | C188181.D | 1 | 01/23/14 | TDN | n/a | n/a | VC6831 |

| Run #1 | Purge Volume |
|--------|--------------|
| Run #2 | 5.0 ml |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|-----------------------------|--------|-----|------|-------|---|
| 67-64-1 | Acetone | ND | 10 | 3.3 | ug/l | |
| 71-43-2 | Benzene | ND | 1.0 | 0.28 | ug/l | |
| 74-97-5 | Bromochloromethane | ND | 5.0 | 0.42 | ug/l | |
| 75-27-4 | Bromodichloromethane | ND | 1.0 | 0.21 | ug/l | |
| 75-25-2 | Bromoform | ND | 4.0 | 0.30 | ug/l | |
| 74-83-9 | Bromomethane | ND | 2.0 | 0.56 | ug/l | |
| 78-93-3 | 2-Butanone (MEK) | ND | 10 | 3.2 | ug/l | |
| 75-15-0 | Carbon disulfide | ND | 2.0 | 0.18 | ug/l | |
| 56-23-5 | Carbon tetrachloride | ND | 1.0 | 0.23 | ug/l | |
| 108-90-7 | Chlorobenzene | ND | 1.0 | 0.35 | ug/l | |
| 75-00-3 | Chloroethane | ND | 1.0 | 0.39 | ug/l | |
| 67-66-3 | Chloroform | 0.41 | 1.0 | 0.25 | ug/l | J |
| 74-87-3 | Chloromethane | ND | 1.0 | 0.36 | ug/l | |
| 110-82-7 | Cyclohexane | ND | 5.0 | 0.18 | ug/l | |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ND | 10 | 1.3 | ug/l | |
| 124-48-1 | Dibromochloromethane | ND | 1.0 | 0.19 | ug/l | |
| 106-93-4 | 1,2-Dibromoethane | ND | 2.0 | 0.16 | ug/l | |
| 95-50-1 | 1,2-Dichlorobenzene | ND | 1.0 | 0.20 | ug/l | |
| 541-73-1 | 1,3-Dichlorobenzene | ND | 1.0 | 0.31 | ug/l | |
| 106-46-7 | 1,4-Dichlorobenzene | ND | 1.0 | 0.30 | ug/l | |
| 75-71-8 | Dichlorodifluoromethane | ND | 5.0 | 0.63 | ug/l | |
| 75-34-3 | 1,1-Dichloroethane | ND | 1.0 | 0.26 | ug/l | |
| 107-06-2 | 1,2-Dichloroethane | ND | 1.0 | 0.22 | ug/l | |
| 75-35-4 | 1,1-Dichloroethene | ND | 1.0 | 0.34 | ug/l | |
| 156-59-2 | cis-1,2-Dichloroethene | 3.3 | 1.0 | 0.24 | ug/l | |
| 156-60-5 | trans-1,2-Dichloroethene | ND | 1.0 | 0.38 | ug/l | |
| 78-87-5 | 1,2-Dichloropropane | ND | 1.0 | 0.28 | ug/l | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 1.0 | 0.15 | ug/l | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 100-41-4 | Ethylbenzene | ND | 1.0 | 0.21 | ug/l | |
| 76-13-1 | Freon 113 | ND | 5.0 | 0.77 | ug/l | |
| 591-78-6 | 2-Hexanone | ND | 5.0 | 1.7 | ug/l | |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | | | |
|-------------------|--|-----------------|----------|
| Client Sample ID: | TW-1 | Date Sampled: | 01/20/14 |
| Lab Sample ID: | JB58302-1 | Date Received: | 01/22/14 |
| Matrix: | AQ - Ground Water | Percent Solids: | n/a |
| Method: | SW846 8260C | | |
| Project: | Flushing Commons, Union Street, Flushing, NY | | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|----------------------------|--------|-----|------|-------|---|
| 98-82-8 | Isopropylbenzene | ND | 2.0 | 0.22 | ug/l | |
| 79-20-9 | Methyl Acetate | ND | 5.0 | 1.5 | ug/l | |
| 108-87-2 | Methylcyclohexane | ND | 5.0 | 0.15 | ug/l | |
| 1634-04-4 | Methyl Tert Butyl Ether | 0.44 | 1.0 | 0.29 | ug/l | J |
| 108-10-1 | 4-Methyl-2-pentanone(MIBK) | ND | 5.0 | 1.5 | ug/l | |
| 75-09-2 | Methylene chloride | ND | 2.0 | 0.86 | ug/l | |
| 100-42-5 | Styrene | ND | 5.0 | 0.30 | ug/l | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 1.0 | 0.20 | ug/l | |
| 127-18-4 | Tetrachloroethene | 40.8 | 1.0 | 0.25 | ug/l | |
| 108-88-3 | Toluene | ND | 1.0 | 0.44 | ug/l | |
| 87-61-6 | 1,2,3-Trichlorobenzene | ND | 5.0 | 0.24 | ug/l | |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | 5.0 | 0.22 | ug/l | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 1.0 | 0.25 | ug/l | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 1.0 | 0.21 | ug/l | |
| 79-01-6 | Trichloroethene | 0.90 | 1.0 | 0.50 | ug/l | J |
| 75-69-4 | Trichlorofluoromethane | ND | 5.0 | 0.33 | ug/l | |
| 75-01-4 | Vinyl chloride | ND | 1.0 | 0.41 | ug/l | |
| | m,p-Xylene | ND | 1.0 | 0.40 | ug/l | |
| 95-47-6 | o-Xylene | ND | 1.0 | 0.19 | ug/l | |
| 1330-20-7 | Xylene (total) | ND | 1.0 | 0.19 | ug/l | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|------------|-----------------------|--------|--------|---------|
| 1868-53-7 | Dibromofluoromethane | 98% | | 79-117% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 96% | | 72-123% |
| 2037-26-5 | Toluene-D8 | 102% | | 82-118% |
| 460-00-4 | 4-Bromofluorobenzene | 97% | | 75-118% |

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

4.5
 4

Report of Analysis

| | | | |
|-------------------|--|-----------------|----------|
| Client Sample ID: | TW-1 | Date Sampled: | 01/20/14 |
| Lab Sample ID: | JB58302-1 | Date Received: | 01/22/14 |
| Matrix: | AQ - Ground Water | Percent Solids: | n/a |
| Method: | SW846 8270D SW846 3510C | | |
| Project: | Flushing Commons, Union Street, Flushing, NY | | |

| Run # | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|---------------------|-----------|----|----------|----|-----------|------------|------------------|
| Run #1 | F32446.D | 1 | 01/24/14 | JL | 01/23/14 | OP72181 | EF5525 |
| Run #2 ^a | M101363.D | 1 | 01/27/14 | KR | 01/27/14 | OP72256 | EM4129 |

| Run # | Initial Volume | Final Volume |
|--------|----------------|--------------|
| Run #1 | 1000 ml | 1.0 ml |
| Run #2 | 940 ml | 1.0 ml |

ABN TCL List (SOM0 2.0)

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|----------------------------|--------|-----|------|-------|---|
| 95-57-8 | 2-Chlorophenol | ND | 5.0 | 0.97 | ug/l | |
| 59-50-7 | 4-Chloro-3-methyl phenol | ND | 5.0 | 1.8 | ug/l | |
| 120-83-2 | 2,4-Dichlorophenol | ND | 2.0 | 1.2 | ug/l | |
| 105-67-9 | 2,4-Dimethylphenol | ND | 5.0 | 1.5 | ug/l | |
| 51-28-5 | 2,4-Dinitrophenol | ND | 20 | 17 | ug/l | |
| 534-52-1 | 4,6-Dinitro-o-cresol | ND | 20 | 0.99 | ug/l | |
| 95-48-7 | 2-Methylphenol | ND | 2.0 | 1.0 | ug/l | |
| | 3&4-Methylphenol | ND | 2.0 | 0.93 | ug/l | |
| 88-75-5 | 2-Nitrophenol | ND | 5.0 | 1.5 | ug/l | |
| 100-02-7 | 4-Nitrophenol | ND | 10 | 5.2 | ug/l | |
| 87-86-5 | Pentachlorophenol | ND | 10 | 1.4 | ug/l | |
| 108-95-2 | Phenol | ND | 2.0 | 1.3 | ug/l | |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | ND | 5.0 | 0.94 | ug/l | |
| 95-95-4 | 2,4,5-Trichlorophenol | ND | 5.0 | 1.6 | ug/l | |
| 88-06-2 | 2,4,6-Trichlorophenol | ND | 5.0 | 1.3 | ug/l | |
| 83-32-9 | Acenaphthene | ND | 1.0 | 0.26 | ug/l | |
| 208-96-8 | Acenaphthylene | ND | 1.0 | 0.23 | ug/l | |
| 98-86-2 | Acetophenone | ND | 2.0 | 0.29 | ug/l | |
| 120-12-7 | Anthracene | ND | 1.0 | 0.29 | ug/l | |
| 1912-24-9 | Atrazine | ND | 2.0 | 0.49 | ug/l | |
| 100-52-7 | Benzaldehyde | ND | 5.0 | 3.3 | ug/l | |
| 56-55-3 | Benzo(a)anthracene | ND | 1.0 | 0.23 | ug/l | |
| 50-32-8 | Benzo(a)pyrene | ND | 1.0 | 0.23 | ug/l | |
| 205-99-2 | Benzo(b)fluoranthene | ND | 1.0 | 0.46 | ug/l | |
| 191-24-2 | Benzo(g,h,i)perylene | ND | 1.0 | 0.32 | ug/l | |
| 207-08-9 | Benzo(k)fluoranthene | ND | 1.0 | 0.51 | ug/l | |
| 101-55-3 | 4-Bromophenyl phenyl ether | ND | 2.0 | 0.36 | ug/l | |
| 85-68-7 | Butyl benzyl phthalate | ND | 2.0 | 0.29 | ug/l | |
| 92-52-4 | 1,1'-Biphenyl | ND | 1.0 | 0.30 | ug/l | |
| 91-58-7 | 2-Chloronaphthalene | ND | 2.0 | 0.30 | ug/l | |
| 106-47-8 | 4-Chloroaniline | ND | 5.0 | 0.53 | ug/l | |
| 86-74-8 | Carbazole | ND | 1.0 | 0.36 | ug/l | |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | | | |
|-------------------|--|-----------------|----------|
| Client Sample ID: | TW-1 | Date Sampled: | 01/20/14 |
| Lab Sample ID: | JB58302-1 | Date Received: | 01/22/14 |
| Matrix: | AQ - Ground Water | Percent Solids: | n/a |
| Method: | SW846 8270D SW846 3510C | | |
| Project: | Flushing Commons, Union Street, Flushing, NY | | |

ABN TCL List (SOM0 2.0)

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|-----------------------------|--------|-----|------|-------|---|
| 105-60-2 | Caprolactam | ND | 2.0 | 0.69 | ug/l | |
| 218-01-9 | Chrysene | ND | 1.0 | 0.29 | ug/l | |
| 111-91-1 | bis(2-Chloroethoxy)methane | ND | 2.0 | 0.31 | ug/l | |
| 111-44-4 | bis(2-Chloroethyl)ether | ND | 2.0 | 0.31 | ug/l | |
| 108-60-1 | bis(2-Chloroisopropyl)ether | ND | 2.0 | 0.45 | ug/l | |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | ND | 2.0 | 0.31 | ug/l | |
| 121-14-2 | 2,4-Dinitrotoluene | ND | 1.0 | 0.43 | ug/l | |
| 606-20-2 | 2,6-Dinitrotoluene | ND | 1.0 | 0.46 | ug/l | |
| 91-94-1 | 3,3'-Dichlorobenzidine | ND | 2.0 | 0.36 | ug/l | |
| 123-91-1 | 1,4-Dioxane | ND | 1.0 | 0.27 | ug/l | |
| 53-70-3 | Dibenzo(a,h)anthracene | ND | 1.0 | 0.38 | ug/l | |
| 132-64-9 | Dibenzofuran | ND | 5.0 | 0.27 | ug/l | |
| 84-74-2 | Di-n-butyl phthalate | ND | 2.0 | 0.56 | ug/l | |
| 117-84-0 | Di-n-octyl phthalate | ND | 2.0 | 0.31 | ug/l | |
| 84-66-2 | Diethyl phthalate | ND | 2.0 | 0.33 | ug/l | |
| 131-11-3 | Dimethyl phthalate | ND | 2.0 | 0.28 | ug/l | |
| 117-81-7 | bis(2-Ethylhexyl)phthalate | ND | 2.0 | 0.59 | ug/l | |
| 206-44-0 | Fluoranthene | ND | 1.0 | 0.32 | ug/l | |
| 86-73-7 | Fluorene | ND | 1.0 | 0.28 | ug/l | |
| 118-74-1 | Hexachlorobenzene | ND | 1.0 | 0.34 | ug/l | |
| 87-68-3 | Hexachlorobutadiene | ND | 1.0 | 0.51 | ug/l | |
| 77-47-4 | Hexachlorocyclopentadiene | ND | 10 | 7.1 | ug/l | |
| 67-72-1 | Hexachloroethane | ND | 2.0 | 0.55 | ug/l | |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | ND | 1.0 | 0.37 | ug/l | |
| 78-59-1 | Isophorone | ND | 2.0 | 0.27 | ug/l | |
| 91-57-6 | 2-Methylnaphthalene | ND | 1.0 | 0.38 | ug/l | |
| 88-74-4 | 2-Nitroaniline | ND | 5.0 | 1.1 | ug/l | |
| 99-09-2 | 3-Nitroaniline | ND | 5.0 | 1.3 | ug/l | |
| 100-01-6 | 4-Nitroaniline | ND | 5.0 | 1.7 | ug/l | |
| 91-20-3 | Naphthalene | ND | 1.0 | 0.26 | ug/l | |
| 98-95-3 | Nitrobenzene | ND | 2.0 | 0.42 | ug/l | |
| 621-64-7 | N-Nitroso-di-n-propylamine | ND | 2.0 | 0.30 | ug/l | |
| 86-30-6 | N-Nitrosodiphenylamine | ND | 5.0 | 0.31 | ug/l | |
| 85-01-8 | Phenanthrene | ND | 1.0 | 0.29 | ug/l | |
| 129-00-0 | Pyrene | ND | 1.0 | 0.27 | ug/l | |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | ND | 2.0 | 0.31 | ug/l | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|----------|----------------------|--------|--------|---------|
| 367-12-4 | 2-Fluorophenol | 45% | 46% | 10-110% |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | |
|--|---|
| Client Sample ID: TW-1 Lab Sample ID: JB58302-1 Matrix: AQ - Ground Water Method: SW846 8270D SW846 3510C Project: Flushing Commons, Union Street, Flushing, NY | Date Sampled: 01/20/14 Date Received: 01/22/14 Percent Solids: n/a |
|--|---|

ABN TCL List (SOM0 2.0)

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|-----------|----------------------|--------|--------|---------|
| 4165-62-2 | Phenol-d5 | 30% | 28% | 10-110% |
| 118-79-6 | 2,4,6-Tribromophenol | 100% | 87% | 29-139% |
| 4165-60-0 | Nitrobenzene-d5 | 97% | 87% | 28-131% |
| 321-60-8 | 2-Fluorobiphenyl | 89% | 87% | 30-121% |
| 1718-51-0 | Terphenyl-d14 | 64% | 62% | 16-147% |

(a) Confirmation run.

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

4.5
4

Report of Analysis

| | | | | |
|-------------------|--|--|-----------------|----------|
| Client Sample ID: | TW-1 | | Date Sampled: | 01/20/14 |
| Lab Sample ID: | JB58302-1 | | Date Received: | 01/22/14 |
| Matrix: | AQ - Ground Water | | Percent Solids: | n/a |
| Method: | SW846 8081B SW846 3510C | | | |
| Project: | Flushing Commons, Union Street, Flushing, NY | | | |

| Run # | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|-----------|----|----------|-----|-----------|------------|------------------|
| Run #1 | 3G82137.D | 1 | 01/23/14 | VDT | 01/23/14 | OP72187 | G3G2808 |
| Run #2 | | | | | | | |

| Run # | Initial Volume | Final Volume |
|--------|----------------|--------------|
| Run #1 | 940 ml | 1.0 ml |
| Run #2 | | |

Pesticide TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|---------------------|--------|--------|---------|-------|---|
| 309-00-2 | Aldrin | ND | 0.0011 | 0.00084 | ug/l | |
| 319-84-6 | alpha-BHC | ND | 0.0011 | 0.00025 | ug/l | |
| 319-85-7 | beta-BHC | ND | 0.0011 | 0.00024 | ug/l | |
| 319-86-8 | delta-BHC | ND | 0.0011 | 0.00020 | ug/l | |
| 58-89-9 | gamma-BHC (Lindane) | ND | 0.0011 | 0.00018 | ug/l | |
| 5103-71-9 | alpha-Chlordane | ND | 0.0011 | 0.00030 | ug/l | |
| 5103-74-2 | gamma-Chlordane | ND | 0.0011 | 0.00022 | ug/l | |
| 60-57-1 | Dieldrin | ND | 0.0011 | 0.00017 | ug/l | |
| 72-54-8 | 4,4'-DDD | ND | 0.0011 | 0.00026 | ug/l | |
| 72-55-9 | 4,4'-DDE | ND | 0.0011 | 0.00018 | ug/l | |
| 50-29-3 | 4,4'-DDT | ND | 0.0011 | 0.00034 | ug/l | |
| 72-20-8 | Endrin | ND | 0.0011 | 0.00021 | ug/l | |
| 1031-07-8 | Endosulfan sulfate | ND | 0.0011 | 0.00020 | ug/l | |
| 7421-93-4 | Endrin aldehyde | ND | 0.0011 | 0.00039 | ug/l | |
| 53494-70-5 | Endrin ketone | ND | 0.0011 | 0.00050 | ug/l | |
| 959-98-8 | Endosulfan-I | ND | 0.0011 | 0.00030 | ug/l | |
| 33213-65-9 | Endosulfan-II | ND | 0.0011 | 0.00021 | ug/l | |
| 76-44-8 | Heptachlor | ND | 0.0011 | 0.00023 | ug/l | |
| 1024-57-3 | Heptachlor epoxide | ND | 0.0011 | 0.00028 | ug/l | |
| 72-43-5 | Methoxychlor | ND | 0.0021 | 0.00043 | ug/l | |
| 8001-35-2 | Toxaphene | ND | 0.027 | 0.016 | ug/l | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|-----------|----------------------|--------|--------|---------|
| 877-09-8 | Tetrachloro-m-xylene | 58% | | 14-144% |
| 877-09-8 | Tetrachloro-m-xylene | 58% | | 14-144% |
| 2051-24-3 | Decachlorobiphenyl | 30% | | 10-128% |
| 2051-24-3 | Decachlorobiphenyl | 30% | | 10-128% |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | |
|--|---|
| Client Sample ID: TW-1 Lab Sample ID: JB58302-1 Matrix: AQ - Ground Water Method: SW846 8082A SW846 3510C Project: Flushing Commons, Union Street, Flushing, NY | Date Sampled: 01/20/14 Date Received: 01/22/14 Percent Solids: n/a |
|--|---|

| Run # | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|------------|----|----------|----|-----------|------------|------------------|
| Run #1 | XX144622.D | 1 | 01/27/14 | JR | 01/23/14 | OP72186 | GXX4874 |
| Run #2 | | | | | | | |

| Run # | Initial Volume | Final Volume |
|--------|----------------|--------------|
| Run #1 | 940 ml | 1.0 ml |
| Run #2 | | |

PCB List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|--------------|--------|-------|--------|-------|---|
| 12674-11-2 | Aroclor 1016 | ND | 0.053 | 0.014 | ug/l | |
| 11104-28-2 | Aroclor 1221 | ND | 0.053 | 0.029 | ug/l | |
| 11141-16-5 | Aroclor 1232 | ND | 0.053 | 0.041 | ug/l | |
| 53469-21-9 | Aroclor 1242 | ND | 0.053 | 0.0091 | ug/l | |
| 12672-29-6 | Aroclor 1248 | ND | 0.053 | 0.015 | ug/l | |
| 11097-69-1 | Aroclor 1254 | ND | 0.053 | 0.015 | ug/l | |
| 11096-82-5 | Aroclor 1260 | ND | 0.053 | 0.022 | ug/l | |
| 11100-14-4 | Aroclor 1268 | ND | 0.053 | 0.014 | ug/l | |
| 37324-23-5 | Aroclor 1262 | ND | 0.053 | 0.0064 | ug/l | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|-----------|----------------------|--------|--------|---------|
| 877-09-8 | Tetrachloro-m-xylene | 90% | | 16-140% |
| 877-09-8 | Tetrachloro-m-xylene | 86% | | 16-140% |
| 2051-24-3 | Decachlorobiphenyl | 63% | | 10-125% |
| 2051-24-3 | Decachlorobiphenyl | 60% | | 10-125% |

ND = Not detected MDL - Method Detection Limit J = Indicates an estimated value
 RL = Reporting Limit B = Indicates analyte found in associated method blank
 E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

4.5
4

Report of Analysis

| | |
|--|--------------------------------|
| Client Sample ID: TW-1 | Date Sampled: 01/20/14 |
| Lab Sample ID: JB58302-1 | Date Received: 01/22/14 |
| Matrix: AQ - Ground Water | Percent Solids: n/a |
| Project: Flushing Commons, Union Street, Flushing, NY | |

Total Metals Analysis

| Analyte | Result | RL | Units | DF | Prep | Analyzed By | Method | Prep Method |
|-----------|---------|-------|-------|----|----------|--------------|--------------------------|--------------------------|
| Aluminum | 225 | 200 | ug/l | 1 | 01/23/14 | 01/24/14 SM | SW846 6010C ¹ | SW846 3010A ⁴ |
| Antimony | < 6.0 | 6.0 | ug/l | 1 | 01/23/14 | 01/24/14 SM | SW846 6010C ¹ | SW846 3010A ⁴ |
| Arsenic | < 3.0 | 3.0 | ug/l | 1 | 01/23/14 | 01/24/14 SM | SW846 6010C ¹ | SW846 3010A ⁴ |
| Barium | < 200 | 200 | ug/l | 1 | 01/23/14 | 01/24/14 SM | SW846 6010C ¹ | SW846 3010A ⁴ |
| Beryllium | < 1.0 | 1.0 | ug/l | 1 | 01/23/14 | 01/28/14 MET | SW846 6010C ³ | SW846 3010A ⁴ |
| Cadmium | < 3.0 | 3.0 | ug/l | 1 | 01/23/14 | 01/24/14 SM | SW846 6010C ¹ | SW846 3010A ⁴ |
| Calcium | 94100 | 5000 | ug/l | 1 | 01/23/14 | 01/24/14 SM | SW846 6010C ¹ | SW846 3010A ⁴ |
| Chromium | < 10 | 10 | ug/l | 1 | 01/23/14 | 01/24/14 SM | SW846 6010C ¹ | SW846 3010A ⁴ |
| Cobalt | < 50 | 50 | ug/l | 1 | 01/23/14 | 01/24/14 SM | SW846 6010C ¹ | SW846 3010A ⁴ |
| Copper | < 10 | 10 | ug/l | 1 | 01/23/14 | 01/24/14 SM | SW846 6010C ¹ | SW846 3010A ⁴ |
| Iron | 6500 | 100 | ug/l | 1 | 01/23/14 | 01/24/14 SM | SW846 6010C ¹ | SW846 3010A ⁴ |
| Lead | < 3.0 | 3.0 | ug/l | 1 | 01/23/14 | 01/24/14 SM | SW846 6010C ¹ | SW846 3010A ⁴ |
| Magnesium | 56700 | 5000 | ug/l | 1 | 01/23/14 | 01/24/14 SM | SW846 6010C ¹ | SW846 3010A ⁴ |
| Manganese | 3990 | 15 | ug/l | 1 | 01/23/14 | 01/24/14 SM | SW846 6010C ¹ | SW846 3010A ⁴ |
| Mercury | < 0.20 | 0.20 | ug/l | 1 | 01/24/14 | 01/24/14 DP | SW846 7470A ² | SW846 7470A ⁵ |
| Nickel | 21.5 | 10 | ug/l | 1 | 01/23/14 | 01/24/14 SM | SW846 6010C ¹ | SW846 3010A ⁴ |
| Potassium | < 10000 | 10000 | ug/l | 1 | 01/23/14 | 01/24/14 SM | SW846 6010C ¹ | SW846 3010A ⁴ |
| Selenium | < 10 | 10 | ug/l | 1 | 01/23/14 | 01/24/14 SM | SW846 6010C ¹ | SW846 3010A ⁴ |
| Silver | < 10 | 10 | ug/l | 1 | 01/23/14 | 01/24/14 SM | SW846 6010C ¹ | SW846 3010A ⁴ |
| Sodium | 97300 | 10000 | ug/l | 1 | 01/23/14 | 01/24/14 SM | SW846 6010C ¹ | SW846 3010A ⁴ |
| Thallium | < 2.0 | 2.0 | ug/l | 1 | 01/23/14 | 01/24/14 SM | SW846 6010C ¹ | SW846 3010A ⁴ |
| Vanadium | < 50 | 50 | ug/l | 1 | 01/23/14 | 01/24/14 SM | SW846 6010C ¹ | SW846 3010A ⁴ |
| Zinc | < 20 | 20 | ug/l | 1 | 01/23/14 | 01/24/14 SM | SW846 6010C ¹ | SW846 3010A ⁴ |

- (1) Instrument QC Batch: MA33142
- (2) Instrument QC Batch: MA33144
- (3) Instrument QC Batch: MA33167
- (4) Prep QC Batch: MP77379
- (5) Prep QC Batch: MP77387

RL = Reporting Limit

Report of Analysis

| | | | |
|-------------------|--|-----------------|----------|
| Client Sample ID: | TW-1 | Date Sampled: | 01/20/14 |
| Lab Sample ID: | JB58302-1F | Date Received: | 01/22/14 |
| Matrix: | AQ - Groundwater Filtered | Percent Solids: | n/a |
| Project: | Flushing Commons, Union Street, Flushing, NY | | |

Dissolved Metals Analysis

| Analyte | Result | RL | Units | DF | Prep | Analyzed By | Method | Prep Method |
|-----------|---------|-------|-------|----|----------|-------------|--------|---|
| Aluminum | < 200 | 200 | ug/l | 1 | 01/23/14 | 01/24/14 | SM | SW846 6010C ¹ SW846 3010A ⁴ |
| Antimony | < 6.0 | 6.0 | ug/l | 1 | 01/23/14 | 01/24/14 | SM | SW846 6010C ¹ SW846 3010A ⁴ |
| Arsenic | < 3.0 | 3.0 | ug/l | 1 | 01/23/14 | 01/24/14 | SM | SW846 6010C ¹ SW846 3010A ⁴ |
| Barium | < 200 | 200 | ug/l | 1 | 01/23/14 | 01/24/14 | SM | SW846 6010C ¹ SW846 3010A ⁴ |
| Beryllium | < 1.0 | 1.0 | ug/l | 1 | 01/23/14 | 01/28/14 | MET | SW846 6010C ³ SW846 3010A ⁴ |
| Cadmium | < 3.0 | 3.0 | ug/l | 1 | 01/23/14 | 01/24/14 | SM | SW846 6010C ¹ SW846 3010A ⁴ |
| Calcium | 101000 | 5000 | ug/l | 1 | 01/23/14 | 01/24/14 | SM | SW846 6010C ¹ SW846 3010A ⁴ |
| Chromium | < 10 | 10 | ug/l | 1 | 01/23/14 | 01/24/14 | SM | SW846 6010C ¹ SW846 3010A ⁴ |
| Cobalt | < 50 | 50 | ug/l | 1 | 01/23/14 | 01/24/14 | SM | SW846 6010C ¹ SW846 3010A ⁴ |
| Copper | < 10 | 10 | ug/l | 1 | 01/23/14 | 01/24/14 | SM | SW846 6010C ¹ SW846 3010A ⁴ |
| Iron | 7090 | 100 | ug/l | 1 | 01/23/14 | 01/24/14 | SM | SW846 6010C ¹ SW846 3010A ⁴ |
| Lead | < 3.0 | 3.0 | ug/l | 1 | 01/23/14 | 01/24/14 | SM | SW846 6010C ¹ SW846 3010A ⁴ |
| Magnesium | 61400 | 5000 | ug/l | 1 | 01/23/14 | 01/24/14 | SM | SW846 6010C ¹ SW846 3010A ⁴ |
| Manganese | 3460 | 15 | ug/l | 1 | 01/23/14 | 01/24/14 | SM | SW846 6010C ¹ SW846 3010A ⁴ |
| Mercury | < 0.20 | 0.20 | ug/l | 1 | 01/24/14 | 01/24/14 | DP | SW846 7470A ² SW846 7470A ⁵ |
| Nickel | 21.9 | 10 | ug/l | 1 | 01/23/14 | 01/24/14 | SM | SW846 6010C ¹ SW846 3010A ⁴ |
| Potassium | < 10000 | 10000 | ug/l | 1 | 01/23/14 | 01/24/14 | SM | SW846 6010C ¹ SW846 3010A ⁴ |
| Selenium | < 10 | 10 | ug/l | 1 | 01/23/14 | 01/24/14 | SM | SW846 6010C ¹ SW846 3010A ⁴ |
| Silver | < 10 | 10 | ug/l | 1 | 01/23/14 | 01/24/14 | SM | SW846 6010C ¹ SW846 3010A ⁴ |
| Sodium | 103000 | 10000 | ug/l | 1 | 01/23/14 | 01/24/14 | SM | SW846 6010C ¹ SW846 3010A ⁴ |
| Thallium | < 2.0 | 2.0 | ug/l | 1 | 01/23/14 | 01/24/14 | SM | SW846 6010C ¹ SW846 3010A ⁴ |
| Vanadium | < 50 | 50 | ug/l | 1 | 01/23/14 | 01/24/14 | SM | SW846 6010C ¹ SW846 3010A ⁴ |
| Zinc | < 20 | 20 | ug/l | 1 | 01/23/14 | 01/24/14 | SM | SW846 6010C ¹ SW846 3010A ⁴ |

(1) Instrument QC Batch: MA33142

(2) Instrument QC Batch: MA33144

(3) Instrument QC Batch: MA33167

(4) Prep QC Batch: MP77379

(5) Prep QC Batch: MP77387

RL = Reporting Limit

Report of Analysis

| | | | |
|-------------------|--|-----------------|----------|
| Client Sample ID: | TW-1B | Date Sampled: | 01/20/14 |
| Lab Sample ID: | JB58302-2 | Date Received: | 01/22/14 |
| Matrix: | AQ - Ground Water | Percent Solids: | n/a |
| Method: | SW846 8260C | | |
| Project: | Flushing Commons, Union Street, Flushing, NY | | |

| Run #1 | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|-----------|----|----------|-----|-----------|------------|------------------|
| Run #2 | C188182.D | 1 | 01/24/14 | TDN | n/a | n/a | VC6831 |

| Run #1 | Purge Volume |
|--------|--------------|
| Run #2 | 5.0 ml |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|-----------------------------|--------|-----|------|-------|---|
| 67-64-1 | Acetone | ND | 10 | 3.3 | ug/l | |
| 71-43-2 | Benzene | ND | 1.0 | 0.28 | ug/l | |
| 74-97-5 | Bromochloromethane | ND | 5.0 | 0.42 | ug/l | |
| 75-27-4 | Bromodichloromethane | ND | 1.0 | 0.21 | ug/l | |
| 75-25-2 | Bromoform | ND | 4.0 | 0.30 | ug/l | |
| 74-83-9 | Bromomethane | ND | 2.0 | 0.56 | ug/l | |
| 78-93-3 | 2-Butanone (MEK) | ND | 10 | 3.2 | ug/l | |
| 75-15-0 | Carbon disulfide | ND | 2.0 | 0.18 | ug/l | |
| 56-23-5 | Carbon tetrachloride | ND | 1.0 | 0.23 | ug/l | |
| 108-90-7 | Chlorobenzene | ND | 1.0 | 0.35 | ug/l | |
| 75-00-3 | Chloroethane | ND | 1.0 | 0.39 | ug/l | |
| 67-66-3 | Chloroform | 0.39 | 1.0 | 0.25 | ug/l | J |
| 74-87-3 | Chloromethane | ND | 1.0 | 0.36 | ug/l | |
| 110-82-7 | Cyclohexane | ND | 5.0 | 0.18 | ug/l | |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ND | 10 | 1.3 | ug/l | |
| 124-48-1 | Dibromochloromethane | ND | 1.0 | 0.19 | ug/l | |
| 106-93-4 | 1,2-Dibromoethane | ND | 2.0 | 0.16 | ug/l | |
| 95-50-1 | 1,2-Dichlorobenzene | ND | 1.0 | 0.20 | ug/l | |
| 541-73-1 | 1,3-Dichlorobenzene | ND | 1.0 | 0.31 | ug/l | |
| 106-46-7 | 1,4-Dichlorobenzene | ND | 1.0 | 0.30 | ug/l | |
| 75-71-8 | Dichlorodifluoromethane | ND | 5.0 | 0.63 | ug/l | |
| 75-34-3 | 1,1-Dichloroethane | ND | 1.0 | 0.26 | ug/l | |
| 107-06-2 | 1,2-Dichloroethane | ND | 1.0 | 0.22 | ug/l | |
| 75-35-4 | 1,1-Dichloroethene | ND | 1.0 | 0.34 | ug/l | |
| 156-59-2 | cis-1,2-Dichloroethene | 3.0 | 1.0 | 0.24 | ug/l | |
| 156-60-5 | trans-1,2-Dichloroethene | ND | 1.0 | 0.38 | ug/l | |
| 78-87-5 | 1,2-Dichloropropane | ND | 1.0 | 0.28 | ug/l | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 1.0 | 0.15 | ug/l | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 100-41-4 | Ethylbenzene | ND | 1.0 | 0.21 | ug/l | |
| 76-13-1 | Freon 113 | ND | 5.0 | 0.77 | ug/l | |
| 591-78-6 | 2-Hexanone | ND | 5.0 | 1.7 | ug/l | |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | | | |
|-------------------|--|-----------------|----------|
| Client Sample ID: | TW-1B | Date Sampled: | 01/20/14 |
| Lab Sample ID: | JB58302-2 | Date Received: | 01/22/14 |
| Matrix: | AQ - Ground Water | Percent Solids: | n/a |
| Method: | SW846 8260C | | |
| Project: | Flushing Commons, Union Street, Flushing, NY | | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|----------------------------|--------|-----|------|-------|---|
| 98-82-8 | Isopropylbenzene | ND | 2.0 | 0.22 | ug/l | |
| 79-20-9 | Methyl Acetate | ND | 5.0 | 1.5 | ug/l | |
| 108-87-2 | Methylcyclohexane | ND | 5.0 | 0.15 | ug/l | |
| 1634-04-4 | Methyl Tert Butyl Ether | 0.43 | 1.0 | 0.29 | ug/l | J |
| 108-10-1 | 4-Methyl-2-pentanone(MIBK) | ND | 5.0 | 1.5 | ug/l | |
| 75-09-2 | Methylene chloride | ND | 2.0 | 0.86 | ug/l | |
| 100-42-5 | Styrene | ND | 5.0 | 0.30 | ug/l | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 1.0 | 0.20 | ug/l | |
| 127-18-4 | Tetrachloroethene | 39.4 | 1.0 | 0.25 | ug/l | |
| 108-88-3 | Toluene | ND | 1.0 | 0.44 | ug/l | |
| 87-61-6 | 1,2,3-Trichlorobenzene | ND | 5.0 | 0.24 | ug/l | |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | 5.0 | 0.22 | ug/l | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 1.0 | 0.25 | ug/l | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 1.0 | 0.21 | ug/l | |
| 79-01-6 | Trichloroethene | 0.86 | 1.0 | 0.50 | ug/l | J |
| 75-69-4 | Trichlorofluoromethane | ND | 5.0 | 0.33 | ug/l | |
| 75-01-4 | Vinyl chloride | ND | 1.0 | 0.41 | ug/l | |
| | m,p-Xylene | ND | 1.0 | 0.40 | ug/l | |
| 95-47-6 | o-Xylene | ND | 1.0 | 0.19 | ug/l | |
| 1330-20-7 | Xylene (total) | ND | 1.0 | 0.19 | ug/l | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|------------|-----------------------|--------|--------|---------|
| 1868-53-7 | Dibromofluoromethane | 99% | | 79-117% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 97% | | 72-123% |
| 2037-26-5 | Toluene-D8 | 103% | | 82-118% |
| 460-00-4 | 4-Bromofluorobenzene | 97% | | 75-118% |

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

4.7
 4

Report of Analysis

| | |
|---|-------------------------|
| Client Sample ID: TW-1B | Date Sampled: 01/20/14 |
| Lab Sample ID: JB58302-2 | Date Received: 01/22/14 |
| Matrix: AQ - Ground Water | Percent Solids: n/a |
| Method: SW846 8270D SW846 3510C | |
| Project: Flushing Commons, Union Street, Flushing, NY | |

| Run # | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|-----------|----|----------|----|-----------|------------|------------------|
| Run #1 | M101364.D | 1 | 01/27/14 | KR | 01/27/14 | OP72256 | EM4129 |
| Run #2 | | | | | | | |

| Run # | Initial Volume | Final Volume |
|--------|----------------|--------------|
| Run #1 | 980 ml | 1.0 ml |
| Run #2 | | |

ABN TCL List (SOM0 2.0)

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|----------------------------|--------|-----|------|-------|---|
| 95-57-8 | 2-Chlorophenol | ND | 5.1 | 0.99 | ug/l | |
| 59-50-7 | 4-Chloro-3-methyl phenol | ND | 5.1 | 1.9 | ug/l | |
| 120-83-2 | 2,4-Dichlorophenol | ND | 2.0 | 1.2 | ug/l | |
| 105-67-9 | 2,4-Dimethylphenol | ND | 5.1 | 1.6 | ug/l | |
| 51-28-5 | 2,4-Dinitrophenol | ND | 20 | 17 | ug/l | |
| 534-52-1 | 4,6-Dinitro-o-cresol | ND | 20 | 1.0 | ug/l | |
| 95-48-7 | 2-Methylphenol | ND | 2.0 | 1.1 | ug/l | |
| | 3&4-Methylphenol | ND | 2.0 | 0.94 | ug/l | |
| 88-75-5 | 2-Nitrophenol | ND | 5.1 | 1.5 | ug/l | |
| 100-02-7 | 4-Nitrophenol | ND | 10 | 5.3 | ug/l | |
| 87-86-5 | Pentachlorophenol | ND | 10 | 1.4 | ug/l | |
| 108-95-2 | Phenol | ND | 2.0 | 1.3 | ug/l | |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | ND | 5.1 | 0.96 | ug/l | |
| 95-95-4 | 2,4,5-Trichlorophenol | ND | 5.1 | 1.6 | ug/l | |
| 88-06-2 | 2,4,6-Trichlorophenol | ND | 5.1 | 1.3 | ug/l | |
| 83-32-9 | Acenaphthene | ND | 1.0 | 0.27 | ug/l | |
| 208-96-8 | Acenaphthylene | ND | 1.0 | 0.23 | ug/l | |
| 98-86-2 | Acetophenone | ND | 2.0 | 0.29 | ug/l | |
| 120-12-7 | Anthracene | ND | 1.0 | 0.29 | ug/l | |
| 1912-24-9 | Atrazine | ND | 2.0 | 0.50 | ug/l | |
| 100-52-7 | Benzaldehyde | ND | 5.1 | 3.3 | ug/l | |
| 56-55-3 | Benzo(a)anthracene | ND | 1.0 | 0.23 | ug/l | |
| 50-32-8 | Benzo(a)pyrene | ND | 1.0 | 0.23 | ug/l | |
| 205-99-2 | Benzo(b)fluoranthene | ND | 1.0 | 0.47 | ug/l | |
| 191-24-2 | Benzo(g,h,i)perylene | ND | 1.0 | 0.33 | ug/l | |
| 207-08-9 | Benzo(k)fluoranthene | ND | 1.0 | 0.52 | ug/l | |
| 101-55-3 | 4-Bromophenyl phenyl ether | ND | 2.0 | 0.36 | ug/l | |
| 85-68-7 | Butyl benzyl phthalate | ND | 2.0 | 0.29 | ug/l | |
| 92-52-4 | 1,1'-Biphenyl | ND | 1.0 | 0.31 | ug/l | |
| 91-58-7 | 2-Chloronaphthalene | ND | 2.0 | 0.30 | ug/l | |
| 106-47-8 | 4-Chloroaniline | ND | 5.1 | 0.54 | ug/l | |
| 86-74-8 | Carbazole | ND | 1.0 | 0.37 | ug/l | |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | | | |
|-------------------|--|-----------------|----------|
| Client Sample ID: | TW-1B | Date Sampled: | 01/20/14 |
| Lab Sample ID: | JB58302-2 | Date Received: | 01/22/14 |
| Matrix: | AQ - Ground Water | Percent Solids: | n/a |
| Method: | SW846 8270D SW846 3510C | | |
| Project: | Flushing Commons, Union Street, Flushing, NY | | |

ABN TCL List (SOM0 2.0)

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|-----------------------------|--------|-----|------|-------|---|
| 105-60-2 | Caprolactam | ND | 2.0 | 0.70 | ug/l | |
| 218-01-9 | Chrysene | ND | 1.0 | 0.29 | ug/l | |
| 111-91-1 | bis(2-Chloroethoxy)methane | ND | 2.0 | 0.31 | ug/l | |
| 111-44-4 | bis(2-Chloroethyl)ether | ND | 2.0 | 0.31 | ug/l | |
| 108-60-1 | bis(2-Chloroisopropyl)ether | ND | 2.0 | 0.46 | ug/l | |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | ND | 2.0 | 0.32 | ug/l | |
| 121-14-2 | 2,4-Dinitrotoluene | ND | 1.0 | 0.43 | ug/l | |
| 606-20-2 | 2,6-Dinitrotoluene | ND | 1.0 | 0.47 | ug/l | |
| 91-94-1 | 3,3'-Dichlorobenzidine | ND | 2.0 | 0.37 | ug/l | |
| 123-91-1 | 1,4-Dioxane | ND | 1.0 | 0.28 | ug/l | |
| 53-70-3 | Dibenzo(a,h)anthracene | ND | 1.0 | 0.39 | ug/l | |
| 132-64-9 | Dibenzofuran | ND | 5.1 | 0.27 | ug/l | |
| 84-74-2 | Di-n-butyl phthalate | ND | 2.0 | 0.57 | ug/l | |
| 117-84-0 | Di-n-octyl phthalate | ND | 2.0 | 0.31 | ug/l | |
| 84-66-2 | Diethyl phthalate | ND | 2.0 | 0.33 | ug/l | |
| 131-11-3 | Dimethyl phthalate | ND | 2.0 | 0.29 | ug/l | |
| 117-81-7 | bis(2-Ethylhexyl)phthalate | ND | 2.0 | 0.60 | ug/l | |
| 206-44-0 | Fluoranthene | ND | 1.0 | 0.32 | ug/l | |
| 86-73-7 | Fluorene | ND | 1.0 | 0.28 | ug/l | |
| 118-74-1 | Hexachlorobenzene | ND | 1.0 | 0.34 | ug/l | |
| 87-68-3 | Hexachlorobutadiene | ND | 1.0 | 0.52 | ug/l | |
| 77-47-4 | Hexachlorocyclopentadiene | ND | 10 | 7.3 | ug/l | |
| 67-72-1 | Hexachloroethane | ND | 2.0 | 0.56 | ug/l | |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | ND | 1.0 | 0.38 | ug/l | |
| 78-59-1 | Isophorone | ND | 2.0 | 0.28 | ug/l | |
| 91-57-6 | 2-Methylnaphthalene | ND | 1.0 | 0.39 | ug/l | |
| 88-74-4 | 2-Nitroaniline | ND | 5.1 | 1.1 | ug/l | |
| 99-09-2 | 3-Nitroaniline | ND | 5.1 | 1.3 | ug/l | |
| 100-01-6 | 4-Nitroaniline | ND | 5.1 | 1.7 | ug/l | |
| 91-20-3 | Naphthalene | ND | 1.0 | 0.26 | ug/l | |
| 98-95-3 | Nitrobenzene | ND | 2.0 | 0.43 | ug/l | |
| 621-64-7 | N-Nitroso-di-n-propylamine | ND | 2.0 | 0.31 | ug/l | |
| 86-30-6 | N-Nitrosodiphenylamine | ND | 5.1 | 0.31 | ug/l | |
| 85-01-8 | Phenanthrene | ND | 1.0 | 0.30 | ug/l | |
| 129-00-0 | Pyrene | ND | 1.0 | 0.28 | ug/l | |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | ND | 2.0 | 0.31 | ug/l | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|----------|----------------------|--------|--------|---------|
| 367-12-4 | 2-Fluorophenol | 47% | | 10-110% |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | | |
|--|--|--------------------------------|
| Client Sample ID: TW-1B | | Date Sampled: 01/20/14 |
| Lab Sample ID: JB58302-2 | | Date Received: 01/22/14 |
| Matrix: AQ - Ground Water | | Percent Solids: n/a |
| Method: SW846 8270D SW846 3510C | | |
| Project: Flushing Commons, Union Street, Flushing, NY | | |

ABN TCL List (SOM0 2.0)

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|-----------|----------------------|--------|--------|---------|
| 4165-62-2 | Phenol-d5 | 29% | | 10-110% |
| 118-79-6 | 2,4,6-Tribromophenol | 86% | | 29-139% |
| 4165-60-0 | Nitrobenzene-d5 | 88% | | 28-131% |
| 321-60-8 | 2-Fluorobiphenyl | 89% | | 30-121% |
| 1718-51-0 | Terphenyl-d14 | 62% | | 16-147% |

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

4.7
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Report of Analysis

| | | | |
|-------------------|--|-----------------|----------|
| Client Sample ID: | TW-1B | Date Sampled: | 01/20/14 |
| Lab Sample ID: | JB58302-2 | Date Received: | 01/22/14 |
| Matrix: | AQ - Ground Water | Percent Solids: | n/a |
| Method: | SW846 8081B SW846 3510C | | |
| Project: | Flushing Commons, Union Street, Flushing, NY | | |

| Run # | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|-----------|----|----------|-----|-----------|------------|------------------|
| Run #1 | 3G82138.D | 1 | 01/23/14 | VDT | 01/23/14 | OP72187 | G3G2808 |
| Run #2 | | | | | | | |

| Run # | Initial Volume | Final Volume |
|--------|----------------|--------------|
| Run #1 | 950 ml | 1.0 ml |
| Run #2 | | |

Pesticide TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|----------------------|--------|--------|---------|-------|---|
| 309-00-2 | Aldrin | ND | 0.0011 | 0.00083 | ug/l | |
| 319-84-6 | alpha-BHC | ND | 0.0011 | 0.00025 | ug/l | |
| 319-85-7 | beta-BHC | ND | 0.0011 | 0.00024 | ug/l | |
| 319-86-8 | delta-BHC | ND | 0.0011 | 0.00020 | ug/l | |
| 58-89-9 | gamma-BHC (Lindane) | ND | 0.0011 | 0.00018 | ug/l | |
| 5103-71-9 | alpha-Chlordane | ND | 0.0011 | 0.00030 | ug/l | |
| 5103-74-2 | gamma-Chlordane | ND | 0.0011 | 0.00022 | ug/l | |
| 60-57-1 | Dieldrin | ND | 0.0011 | 0.00017 | ug/l | |
| 72-54-8 | 4,4'-DDD | ND | 0.0011 | 0.00026 | ug/l | |
| 72-55-9 | 4,4'-DDE | ND | 0.0011 | 0.00018 | ug/l | |
| 50-29-3 | 4,4'-DDT | ND | 0.0011 | 0.00033 | ug/l | |
| 72-20-8 | Endrin | ND | 0.0011 | 0.00021 | ug/l | |
| 1031-07-8 | Endosulfan sulfate | ND | 0.0011 | 0.00020 | ug/l | |
| 7421-93-4 | Endrin aldehyde | ND | 0.0011 | 0.00039 | ug/l | |
| 53494-70-5 | Endrin ketone | ND | 0.0011 | 0.00050 | ug/l | |
| 959-98-8 | Endosulfan-I | ND | 0.0011 | 0.00030 | ug/l | |
| 33213-65-9 | Endosulfan-II | ND | 0.0011 | 0.00021 | ug/l | |
| 76-44-8 | Heptachlor | ND | 0.0011 | 0.00023 | ug/l | |
| 1024-57-3 | Heptachlor epoxide | ND | 0.0011 | 0.00028 | ug/l | |
| 72-43-5 | Methoxychlor | ND | 0.0021 | 0.00043 | ug/l | |
| 8001-35-2 | Toxaphene | ND | 0.026 | 0.015 | ug/l | |
| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits | | |
| 877-09-8 | Tetrachloro-m-xylene | 55% | | 14-144% | | |
| 877-09-8 | Tetrachloro-m-xylene | 56% | | 14-144% | | |
| 2051-24-3 | Decachlorobiphenyl | 29% | | 10-128% | | |
| 2051-24-3 | Decachlorobiphenyl | 28% | | 10-128% | | |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | | |
|---|--|-------------------------|
| Client Sample ID: TW-1B | | Date Sampled: 01/20/14 |
| Lab Sample ID: JB58302-2 | | Date Received: 01/22/14 |
| Matrix: AQ - Ground Water | | Percent Solids: n/a |
| Method: SW846 8082A SW846 3510C | | |
| Project: Flushing Commons, Union Street, Flushing, NY | | |

| Run # | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|------------|----|----------|----|-----------|------------|------------------|
| Run #1 | XX144623.D | 1 | 01/27/14 | JR | 01/23/14 | OP72186 | GXX4874 |
| Run #2 | | | | | | | |

| Run # | Initial Volume | Final Volume |
|--------|----------------|--------------|
| Run #1 | 950 ml | 1.0 ml |
| Run #2 | | |

PCB List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|--------------|--------|-------|--------|-------|---|
| 12674-11-2 | Aroclor 1016 | ND | 0.053 | 0.013 | ug/l | |
| 11104-28-2 | Aroclor 1221 | ND | 0.053 | 0.029 | ug/l | |
| 11141-16-5 | Aroclor 1232 | ND | 0.053 | 0.041 | ug/l | |
| 53469-21-9 | Aroclor 1242 | ND | 0.053 | 0.0091 | ug/l | |
| 12672-29-6 | Aroclor 1248 | ND | 0.053 | 0.015 | ug/l | |
| 11097-69-1 | Aroclor 1254 | ND | 0.053 | 0.015 | ug/l | |
| 11096-82-5 | Aroclor 1260 | ND | 0.053 | 0.022 | ug/l | |
| 11100-14-4 | Aroclor 1268 | ND | 0.053 | 0.014 | ug/l | |
| 37324-23-5 | Aroclor 1262 | ND | 0.053 | 0.0063 | ug/l | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|-----------|----------------------|--------|--------|---------|
| 877-09-8 | Tetrachloro-m-xylene | 87% | | 16-140% |
| 877-09-8 | Tetrachloro-m-xylene | 84% | | 16-140% |
| 2051-24-3 | Decachlorobiphenyl | 55% | | 10-125% |
| 2051-24-3 | Decachlorobiphenyl | 60% | | 10-125% |

ND = Not detected MDL - Method Detection Limit J = Indicates an estimated value
 RL = Reporting Limit B = Indicates analyte found in associated method blank
 E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

4.7
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Report of Analysis

| | | | |
|-------------------|--|-----------------|----------|
| Client Sample ID: | TW-1B | Date Sampled: | 01/20/14 |
| Lab Sample ID: | JB58302-2 | Date Received: | 01/22/14 |
| Matrix: | AQ - Ground Water | Percent Solids: | n/a |
| Project: | Flushing Commons, Union Street, Flushing, NY | | |

Total Metals Analysis

| Analyte | Result | RL | Units | DF | Prep | Analyzed By | Method | Prep Method |
|-----------|---------|-------|-------|----|----------|-------------|--------|---|
| Aluminum | < 200 | 200 | ug/l | 1 | 01/23/14 | 01/24/14 | SM | SW846 6010C ¹ SW846 3010A ⁴ |
| Antimony | < 6.0 | 6.0 | ug/l | 1 | 01/23/14 | 01/24/14 | SM | SW846 6010C ¹ SW846 3010A ⁴ |
| Arsenic | < 3.0 | 3.0 | ug/l | 1 | 01/23/14 | 01/24/14 | SM | SW846 6010C ¹ SW846 3010A ⁴ |
| Barium | < 200 | 200 | ug/l | 1 | 01/23/14 | 01/24/14 | SM | SW846 6010C ¹ SW846 3010A ⁴ |
| Beryllium | < 1.0 | 1.0 | ug/l | 1 | 01/23/14 | 01/28/14 | MET | SW846 6010C ³ SW846 3010A ⁴ |
| Cadmium | < 3.0 | 3.0 | ug/l | 1 | 01/23/14 | 01/24/14 | SM | SW846 6010C ¹ SW846 3010A ⁴ |
| Calcium | 98400 | 5000 | ug/l | 1 | 01/23/14 | 01/24/14 | SM | SW846 6010C ¹ SW846 3010A ⁴ |
| Chromium | < 10 | 10 | ug/l | 1 | 01/23/14 | 01/24/14 | SM | SW846 6010C ¹ SW846 3010A ⁴ |
| Cobalt | < 50 | 50 | ug/l | 1 | 01/23/14 | 01/24/14 | SM | SW846 6010C ¹ SW846 3010A ⁴ |
| Copper | < 10 | 10 | ug/l | 1 | 01/23/14 | 01/24/14 | SM | SW846 6010C ¹ SW846 3010A ⁴ |
| Iron | 6570 | 100 | ug/l | 1 | 01/23/14 | 01/24/14 | SM | SW846 6010C ¹ SW846 3010A ⁴ |
| Lead | < 3.0 | 3.0 | ug/l | 1 | 01/23/14 | 01/24/14 | SM | SW846 6010C ¹ SW846 3010A ⁴ |
| Magnesium | 59300 | 5000 | ug/l | 1 | 01/23/14 | 01/24/14 | SM | SW846 6010C ¹ SW846 3010A ⁴ |
| Manganese | 3980 | 15 | ug/l | 1 | 01/23/14 | 01/24/14 | SM | SW846 6010C ¹ SW846 3010A ⁴ |
| Mercury | < 0.20 | 0.20 | ug/l | 1 | 01/24/14 | 01/24/14 | DP | SW846 7470A ² SW846 7470A ⁵ |
| Nickel | 21.7 | 10 | ug/l | 1 | 01/23/14 | 01/24/14 | SM | SW846 6010C ¹ SW846 3010A ⁴ |
| Potassium | < 10000 | 10000 | ug/l | 1 | 01/23/14 | 01/24/14 | SM | SW846 6010C ¹ SW846 3010A ⁴ |
| Selenium | < 10 | 10 | ug/l | 1 | 01/23/14 | 01/24/14 | SM | SW846 6010C ¹ SW846 3010A ⁴ |
| Silver | < 10 | 10 | ug/l | 1 | 01/23/14 | 01/24/14 | SM | SW846 6010C ¹ SW846 3010A ⁴ |
| Sodium | 102000 | 10000 | ug/l | 1 | 01/23/14 | 01/24/14 | SM | SW846 6010C ¹ SW846 3010A ⁴ |
| Thallium | < 2.0 | 2.0 | ug/l | 1 | 01/23/14 | 01/24/14 | SM | SW846 6010C ¹ SW846 3010A ⁴ |
| Vanadium | < 50 | 50 | ug/l | 1 | 01/23/14 | 01/24/14 | SM | SW846 6010C ¹ SW846 3010A ⁴ |
| Zinc | < 20 | 20 | ug/l | 1 | 01/23/14 | 01/24/14 | SM | SW846 6010C ¹ SW846 3010A ⁴ |

(1) Instrument QC Batch: MA33142

(2) Instrument QC Batch: MA33144

(3) Instrument QC Batch: MA33167

(4) Prep QC Batch: MP77379

(5) Prep QC Batch: MP77387

RL = Reporting Limit

Report of Analysis

| | | | |
|-------------------|--|-----------------|----------|
| Client Sample ID: | TW-1B | Date Sampled: | 01/20/14 |
| Lab Sample ID: | JB58302-2F | Date Received: | 01/22/14 |
| Matrix: | AQ - Groundwater Filtered | Percent Solids: | n/a |
| Project: | Flushing Commons, Union Street, Flushing, NY | | |

Dissolved Metals Analysis

| Analyte | Result | RL | Units | DF | Prep | Analyzed By | Method | Prep Method |
|-----------|---------|-------|-------|----|----------|-------------|------------------------------|--------------------------|
| Aluminum | < 200 | 200 | ug/l | 1 | 01/23/14 | 01/24/14 | SM SW846 6010C ¹ | SW846 3010A ⁵ |
| Antimony | < 6.0 | 6.0 | ug/l | 1 | 01/23/14 | 01/24/14 | SM SW846 6010C ¹ | SW846 3010A ⁵ |
| Arsenic | < 3.0 | 3.0 | ug/l | 1 | 01/23/14 | 01/24/14 | SM SW846 6010C ¹ | SW846 3010A ⁵ |
| Barium | < 200 | 200 | ug/l | 1 | 01/23/14 | 01/24/14 | SM SW846 6010C ¹ | SW846 3010A ⁵ |
| Beryllium | < 1.0 | 1.0 | ug/l | 1 | 01/23/14 | 01/28/14 | MET SW846 6010C ⁴ | SW846 3010A ⁵ |
| Cadmium | < 3.0 | 3.0 | ug/l | 1 | 01/23/14 | 01/24/14 | SM SW846 6010C ¹ | SW846 3010A ⁵ |
| Calcium | 100000 | 5000 | ug/l | 1 | 01/23/14 | 01/24/14 | SM SW846 6010C ¹ | SW846 3010A ⁵ |
| Chromium | < 10 | 10 | ug/l | 1 | 01/23/14 | 01/24/14 | SM SW846 6010C ¹ | SW846 3010A ⁵ |
| Cobalt | < 50 | 50 | ug/l | 1 | 01/23/14 | 01/24/14 | SM SW846 6010C ¹ | SW846 3010A ⁵ |
| Copper | < 10 | 10 | ug/l | 1 | 01/23/14 | 01/24/14 | SM SW846 6010C ¹ | SW846 3010A ⁵ |
| Iron | 6990 | 100 | ug/l | 1 | 01/23/14 | 01/24/14 | SM SW846 6010C ¹ | SW846 3010A ⁵ |
| Lead | < 3.0 | 3.0 | ug/l | 1 | 01/23/14 | 01/24/14 | SM SW846 6010C ¹ | SW846 3010A ⁵ |
| Magnesium | 61300 | 5000 | ug/l | 1 | 01/23/14 | 01/24/14 | SM SW846 6010C ¹ | SW846 3010A ⁵ |
| Manganese | 3510 | 15 | ug/l | 1 | 01/23/14 | 01/24/14 | SM SW846 6010C ¹ | SW846 3010A ⁵ |
| Mercury | < 0.20 | 0.20 | ug/l | 1 | 01/24/14 | 01/24/14 | DP SW846 7470A ² | SW846 7470A ⁶ |
| Nickel | 22.2 | 10 | ug/l | 1 | 01/23/14 | 01/24/14 | SM SW846 6010C ¹ | SW846 3010A ⁵ |
| Potassium | < 10000 | 10000 | ug/l | 1 | 01/23/14 | 01/24/14 | SM SW846 6010C ¹ | SW846 3010A ⁵ |
| Selenium | < 10 | 10 | ug/l | 1 | 01/23/14 | 01/24/14 | SM SW846 6010C ¹ | SW846 3010A ⁵ |
| Silver | < 10 | 10 | ug/l | 1 | 01/23/14 | 01/24/14 | SM SW846 6010C ¹ | SW846 3010A ⁵ |
| Sodium | 104000 | 10000 | ug/l | 1 | 01/23/14 | 01/24/14 | SM SW846 6010C ¹ | SW846 3010A ⁵ |
| Thallium | < 2.0 | 2.0 | ug/l | 1 | 01/23/14 | 01/27/14 | GT SW846 6010C ³ | SW846 3010A ⁵ |
| Vanadium | < 50 | 50 | ug/l | 1 | 01/23/14 | 01/24/14 | SM SW846 6010C ¹ | SW846 3010A ⁵ |
| Zinc | < 20 | 20 | ug/l | 1 | 01/23/14 | 01/24/14 | SM SW846 6010C ¹ | SW846 3010A ⁵ |

(1) Instrument QC Batch: MA33142

(2) Instrument QC Batch: MA33144

(3) Instrument QC Batch: MA33154

(4) Instrument QC Batch: MA33167

(5) Prep QC Batch: MP77379

(6) Prep QC Batch: MP77387

RL = Reporting Limit

Report of Analysis

| | | | |
|-------------------|--|-----------------|----------|
| Client Sample ID: | TW-3 | Date Sampled: | 01/20/14 |
| Lab Sample ID: | JB58302-3 | Date Received: | 01/22/14 |
| Matrix: | AQ - Ground Water | Percent Solids: | n/a |
| Method: | SW846 8260C | | |
| Project: | Flushing Commons, Union Street, Flushing, NY | | |

| Run #1 | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|-----------|----|----------|-----|-----------|------------|------------------|
| Run #2 | C188180.D | 1 | 01/23/14 | TDN | n/a | n/a | VC6831 |

| Run #1 | Purge Volume |
|--------|--------------|
| Run #2 | 5.0 ml |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|-----------------------------|--------|-----|------|-------|---|
| 67-64-1 | Acetone | ND | 10 | 3.3 | ug/l | |
| 71-43-2 | Benzene | ND | 1.0 | 0.28 | ug/l | |
| 74-97-5 | Bromochloromethane | ND | 5.0 | 0.42 | ug/l | |
| 75-27-4 | Bromodichloromethane | ND | 1.0 | 0.21 | ug/l | |
| 75-25-2 | Bromoform | ND | 4.0 | 0.30 | ug/l | |
| 74-83-9 | Bromomethane | ND | 2.0 | 0.56 | ug/l | |
| 78-93-3 | 2-Butanone (MEK) | ND | 10 | 3.2 | ug/l | |
| 75-15-0 | Carbon disulfide | ND | 2.0 | 0.18 | ug/l | |
| 56-23-5 | Carbon tetrachloride | ND | 1.0 | 0.23 | ug/l | |
| 108-90-7 | Chlorobenzene | ND | 1.0 | 0.35 | ug/l | |
| 75-00-3 | Chloroethane | ND | 1.0 | 0.39 | ug/l | |
| 67-66-3 | Chloroform | 0.34 | 1.0 | 0.25 | ug/l | J |
| 74-87-3 | Chloromethane | ND | 1.0 | 0.36 | ug/l | |
| 110-82-7 | Cyclohexane | ND | 5.0 | 0.18 | ug/l | |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ND | 10 | 1.3 | ug/l | |
| 124-48-1 | Dibromochloromethane | ND | 1.0 | 0.19 | ug/l | |
| 106-93-4 | 1,2-Dibromoethane | ND | 2.0 | 0.16 | ug/l | |
| 95-50-1 | 1,2-Dichlorobenzene | ND | 1.0 | 0.20 | ug/l | |
| 541-73-1 | 1,3-Dichlorobenzene | ND | 1.0 | 0.31 | ug/l | |
| 106-46-7 | 1,4-Dichlorobenzene | ND | 1.0 | 0.30 | ug/l | |
| 75-71-8 | Dichlorodifluoromethane | ND | 5.0 | 0.63 | ug/l | |
| 75-34-3 | 1,1-Dichloroethane | ND | 1.0 | 0.26 | ug/l | |
| 107-06-2 | 1,2-Dichloroethane | ND | 1.0 | 0.22 | ug/l | |
| 75-35-4 | 1,1-Dichloroethene | ND | 1.0 | 0.34 | ug/l | |
| 156-59-2 | cis-1,2-Dichloroethene | 10.2 | 1.0 | 0.24 | ug/l | |
| 156-60-5 | trans-1,2-Dichloroethene | ND | 1.0 | 0.38 | ug/l | |
| 78-87-5 | 1,2-Dichloropropane | ND | 1.0 | 0.28 | ug/l | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 1.0 | 0.15 | ug/l | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 100-41-4 | Ethylbenzene | ND | 1.0 | 0.21 | ug/l | |
| 76-13-1 | Freon 113 | ND | 5.0 | 0.77 | ug/l | |
| 591-78-6 | 2-Hexanone | ND | 5.0 | 1.7 | ug/l | |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | | | |
|-------------------|--|-----------------|----------|
| Client Sample ID: | TW-3 | Date Sampled: | 01/20/14 |
| Lab Sample ID: | JB58302-3 | Date Received: | 01/22/14 |
| Matrix: | AQ - Ground Water | Percent Solids: | n/a |
| Method: | SW846 8260C | | |
| Project: | Flushing Commons, Union Street, Flushing, NY | | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|----------------------------|--------|-----|------|-------|---|
| 98-82-8 | Isopropylbenzene | ND | 2.0 | 0.22 | ug/l | |
| 79-20-9 | Methyl Acetate | ND | 5.0 | 1.5 | ug/l | |
| 108-87-2 | Methylcyclohexane | ND | 5.0 | 0.15 | ug/l | |
| 1634-04-4 | Methyl Tert Butyl Ether | ND | 1.0 | 0.29 | ug/l | |
| 108-10-1 | 4-Methyl-2-pentanone(MIBK) | ND | 5.0 | 1.5 | ug/l | |
| 75-09-2 | Methylene chloride | ND | 2.0 | 0.86 | ug/l | |
| 100-42-5 | Styrene | ND | 5.0 | 0.30 | ug/l | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 1.0 | 0.20 | ug/l | |
| 127-18-4 | Tetrachloroethene | 11.3 | 1.0 | 0.25 | ug/l | |
| 108-88-3 | Toluene | ND | 1.0 | 0.44 | ug/l | |
| 87-61-6 | 1,2,3-Trichlorobenzene | ND | 5.0 | 0.24 | ug/l | |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | 5.0 | 0.22 | ug/l | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 1.0 | 0.25 | ug/l | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 1.0 | 0.21 | ug/l | |
| 79-01-6 | Trichloroethene | 9.7 | 1.0 | 0.50 | ug/l | |
| 75-69-4 | Trichlorofluoromethane | ND | 5.0 | 0.33 | ug/l | |
| 75-01-4 | Vinyl chloride | ND | 1.0 | 0.41 | ug/l | |
| | m,p-Xylene | ND | 1.0 | 0.40 | ug/l | |
| 95-47-6 | o-Xylene | ND | 1.0 | 0.19 | ug/l | |
| 1330-20-7 | Xylene (total) | ND | 1.0 | 0.19 | ug/l | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|------------|-----------------------|--------|--------|---------|
| 1868-53-7 | Dibromofluoromethane | 97% | | 79-117% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 97% | | 72-123% |
| 2037-26-5 | Toluene-D8 | 102% | | 82-118% |
| 460-00-4 | 4-Bromofluorobenzene | 98% | | 75-118% |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | | | |
|-------------------|--|-----------------|----------|
| Client Sample ID: | TW-3 | Date Sampled: | 01/20/14 |
| Lab Sample ID: | JB58302-3 | Date Received: | 01/22/14 |
| Matrix: | AQ - Ground Water | Percent Solids: | n/a |
| Method: | SW846 8270D SW846 3510C | | |
| Project: | Flushing Commons, Union Street, Flushing, NY | | |

| Run # | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|-----------|----|----------|----|-----------|------------|------------------|
| Run #1 | M101365.D | 1 | 01/27/14 | KR | 01/27/14 | OP72256 | EM4129 |
| Run #2 | | | | | | | |

| Run # | Initial Volume | Final Volume |
|--------|----------------|--------------|
| Run #1 | 980 ml | 1.0 ml |
| Run #2 | | |

ABN TCL List (SOM0 2.0)

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|----------------------------|--------|-----|------|-------|---|
| 95-57-8 | 2-Chlorophenol | ND | 5.1 | 0.99 | ug/l | |
| 59-50-7 | 4-Chloro-3-methyl phenol | ND | 5.1 | 1.9 | ug/l | |
| 120-83-2 | 2,4-Dichlorophenol | ND | 2.0 | 1.2 | ug/l | |
| 105-67-9 | 2,4-Dimethylphenol | ND | 5.1 | 1.6 | ug/l | |
| 51-28-5 | 2,4-Dinitrophenol | ND | 20 | 17 | ug/l | |
| 534-52-1 | 4,6-Dinitro-o-cresol | ND | 20 | 1.0 | ug/l | |
| 95-48-7 | 2-Methylphenol | ND | 2.0 | 1.1 | ug/l | |
| | 3&4-Methylphenol | ND | 2.0 | 0.94 | ug/l | |
| 88-75-5 | 2-Nitrophenol | ND | 5.1 | 1.5 | ug/l | |
| 100-02-7 | 4-Nitrophenol | ND | 10 | 5.3 | ug/l | |
| 87-86-5 | Pentachlorophenol | ND | 10 | 1.4 | ug/l | |
| 108-95-2 | Phenol | ND | 2.0 | 1.3 | ug/l | |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | ND | 5.1 | 0.96 | ug/l | |
| 95-95-4 | 2,4,5-Trichlorophenol | ND | 5.1 | 1.6 | ug/l | |
| 88-06-2 | 2,4,6-Trichlorophenol | ND | 5.1 | 1.3 | ug/l | |
| 83-32-9 | Acenaphthene | ND | 1.0 | 0.27 | ug/l | |
| 208-96-8 | Acenaphthylene | ND | 1.0 | 0.23 | ug/l | |
| 98-86-2 | Acetophenone | ND | 2.0 | 0.29 | ug/l | |
| 120-12-7 | Anthracene | ND | 1.0 | 0.29 | ug/l | |
| 1912-24-9 | Atrazine | ND | 2.0 | 0.50 | ug/l | |
| 100-52-7 | Benzaldehyde | ND | 5.1 | 3.3 | ug/l | |
| 56-55-3 | Benzo(a)anthracene | ND | 1.0 | 0.23 | ug/l | |
| 50-32-8 | Benzo(a)pyrene | ND | 1.0 | 0.23 | ug/l | |
| 205-99-2 | Benzo(b)fluoranthene | ND | 1.0 | 0.47 | ug/l | |
| 191-24-2 | Benzo(g,h,i)perylene | ND | 1.0 | 0.33 | ug/l | |
| 207-08-9 | Benzo(k)fluoranthene | ND | 1.0 | 0.52 | ug/l | |
| 101-55-3 | 4-Bromophenyl phenyl ether | ND | 2.0 | 0.36 | ug/l | |
| 85-68-7 | Butyl benzyl phthalate | ND | 2.0 | 0.29 | ug/l | |
| 92-52-4 | 1,1'-Biphenyl | ND | 1.0 | 0.31 | ug/l | |
| 91-58-7 | 2-Chloronaphthalene | ND | 2.0 | 0.30 | ug/l | |
| 106-47-8 | 4-Chloroaniline | ND | 5.1 | 0.54 | ug/l | |
| 86-74-8 | Carbazole | ND | 1.0 | 0.37 | ug/l | |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | | |
|--|--|--------------------------------|
| Client Sample ID: TW-3 | | Date Sampled: 01/20/14 |
| Lab Sample ID: JB58302-3 | | Date Received: 01/22/14 |
| Matrix: AQ - Ground Water | | Percent Solids: n/a |
| Method: SW846 8270D SW846 3510C | | |
| Project: Flushing Commons, Union Street, Flushing, NY | | |

ABN TCL List (SOM0 2.0)

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|-----------------------------|--------|-----|------|-------|----|
| 105-60-2 | Caprolactam | ND | 2.0 | 0.70 | ug/l | |
| 218-01-9 | Chrysene | ND | 1.0 | 0.29 | ug/l | |
| 111-91-1 | bis(2-Chloroethoxy)methane | ND | 2.0 | 0.31 | ug/l | |
| 111-44-4 | bis(2-Chloroethyl)ether | ND | 2.0 | 0.31 | ug/l | |
| 108-60-1 | bis(2-Chloroisopropyl)ether | ND | 2.0 | 0.46 | ug/l | |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | ND | 2.0 | 0.32 | ug/l | |
| 121-14-2 | 2,4-Dinitrotoluene | ND | 1.0 | 0.43 | ug/l | |
| 606-20-2 | 2,6-Dinitrotoluene | ND | 1.0 | 0.47 | ug/l | |
| 91-94-1 | 3,3'-Dichlorobenzidine | ND | 2.0 | 0.37 | ug/l | |
| 123-91-1 | 1,4-Dioxane | ND | 1.0 | 0.28 | ug/l | |
| 53-70-3 | Dibenzo(a,h)anthracene | ND | 1.0 | 0.39 | ug/l | |
| 132-64-9 | Dibenzofuran | ND | 5.1 | 0.27 | ug/l | |
| 84-74-2 | Di-n-butyl phthalate | ND | 2.0 | 0.57 | ug/l | |
| 117-84-0 | Di-n-octyl phthalate | ND | 2.0 | 0.31 | ug/l | |
| 84-66-2 | Diethyl phthalate | ND | 2.0 | 0.33 | ug/l | |
| 131-11-3 | Dimethyl phthalate | ND | 2.0 | 0.29 | ug/l | |
| 117-81-7 | bis(2-Ethylhexyl)phthalate | 1.1 | 2.0 | 0.60 | ug/l | BJ |
| 206-44-0 | Fluoranthene | ND | 1.0 | 0.32 | ug/l | |
| 86-73-7 | Fluorene | ND | 1.0 | 0.28 | ug/l | |
| 118-74-1 | Hexachlorobenzene | ND | 1.0 | 0.34 | ug/l | |
| 87-68-3 | Hexachlorobutadiene | ND | 1.0 | 0.52 | ug/l | |
| 77-47-4 | Hexachlorocyclopentadiene | ND | 10 | 7.3 | ug/l | |
| 67-72-1 | Hexachloroethane | ND | 2.0 | 0.56 | ug/l | |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | ND | 1.0 | 0.38 | ug/l | |
| 78-59-1 | Isophorone | ND | 2.0 | 0.28 | ug/l | |
| 91-57-6 | 2-Methylnaphthalene | ND | 1.0 | 0.39 | ug/l | |
| 88-74-4 | 2-Nitroaniline | ND | 5.1 | 1.1 | ug/l | |
| 99-09-2 | 3-Nitroaniline | ND | 5.1 | 1.3 | ug/l | |
| 100-01-6 | 4-Nitroaniline | ND | 5.1 | 1.7 | ug/l | |
| 91-20-3 | Naphthalene | ND | 1.0 | 0.26 | ug/l | |
| 98-95-3 | Nitrobenzene | ND | 2.0 | 0.43 | ug/l | |
| 621-64-7 | N-Nitroso-di-n-propylamine | ND | 2.0 | 0.31 | ug/l | |
| 86-30-6 | N-Nitrosodiphenylamine | ND | 5.1 | 0.31 | ug/l | |
| 85-01-8 | Phenanthrene | ND | 1.0 | 0.30 | ug/l | |
| 129-00-0 | Pyrene | ND | 1.0 | 0.28 | ug/l | |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | ND | 2.0 | 0.31 | ug/l | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|----------|----------------------|--------|--------|---------|
| 367-12-4 | 2-Fluorophenol | 51% | | 10-110% |

ND = Not detected MDL - Method Detection Limit J = Indicates an estimated value
 RL = Reporting Limit B = Indicates analyte found in associated method blank
 E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

4.9
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Report of Analysis

| | | |
|--|--|--------------------------------|
| Client Sample ID: TW-3 | | Date Sampled: 01/20/14 |
| Lab Sample ID: JB58302-3 | | Date Received: 01/22/14 |
| Matrix: AQ - Ground Water | | Percent Solids: n/a |
| Method: SW846 8270D SW846 3510C | | |
| Project: Flushing Commons, Union Street, Flushing, NY | | |

ABN TCL List (SOM0 2.0)

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|-----------|----------------------|--------|--------|---------|
| 4165-62-2 | Phenol-d5 | 31% | | 10-110% |
| 118-79-6 | 2,4,6-Tribromophenol | 89% | | 29-139% |
| 4165-60-0 | Nitrobenzene-d5 | 93% | | 28-131% |
| 321-60-8 | 2-Fluorobiphenyl | 94% | | 30-121% |
| 1718-51-0 | Terphenyl-d14 | 64% | | 16-147% |

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

| | | | |
|-------------------|--|-----------------|----------|
| Client Sample ID: | TW-3 | Date Sampled: | 01/20/14 |
| Lab Sample ID: | JB58302-3 | Date Received: | 01/22/14 |
| Matrix: | AQ - Ground Water | Percent Solids: | n/a |
| Method: | SW846 8081B SW846 3510C | | |
| Project: | Flushing Commons, Union Street, Flushing, NY | | |

| Run # | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|-----------|----|----------|-----|-----------|------------|------------------|
| Run #1 | 3G82139.D | 1 | 01/23/14 | VDT | 01/23/14 | OP72187 | G3G2808 |
| Run #2 | | | | | | | |

| Run # | Initial Volume | Final Volume |
|--------|----------------|--------------|
| Run #1 | 1000 ml | 1.0 ml |
| Run #2 | | |

Pesticide TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|----------------------|--------|--------|---------|-------|---|
| 309-00-2 | Aldrin | ND | 0.0010 | 0.00079 | ug/l | |
| 319-84-6 | alpha-BHC | ND | 0.0010 | 0.00023 | ug/l | |
| 319-85-7 | beta-BHC | ND | 0.0010 | 0.00023 | ug/l | |
| 319-86-8 | delta-BHC | ND | 0.0010 | 0.00019 | ug/l | |
| 58-89-9 | gamma-BHC (Lindane) | ND | 0.0010 | 0.00017 | ug/l | |
| 5103-71-9 | alpha-Chlordane | ND | 0.0010 | 0.00029 | ug/l | |
| 5103-74-2 | gamma-Chlordane | ND | 0.0010 | 0.00021 | ug/l | |
| 60-57-1 | Dieldrin | ND | 0.0010 | 0.00016 | ug/l | |
| 72-54-8 | 4,4'-DDD | ND | 0.0010 | 0.00025 | ug/l | |
| 72-55-9 | 4,4'-DDE | ND | 0.0010 | 0.00017 | ug/l | |
| 50-29-3 | 4,4'-DDT | ND | 0.0010 | 0.00032 | ug/l | |
| 72-20-8 | Endrin | ND | 0.0010 | 0.00020 | ug/l | |
| 1031-07-8 | Endosulfan sulfate | ND | 0.0010 | 0.00019 | ug/l | |
| 7421-93-4 | Endrin aldehyde | ND | 0.0010 | 0.00037 | ug/l | |
| 53494-70-5 | Endrin ketone | ND | 0.0010 | 0.00047 | ug/l | |
| 959-98-8 | Endosulfan-I | ND | 0.0010 | 0.00028 | ug/l | |
| 33213-65-9 | Endosulfan-II | ND | 0.0010 | 0.00020 | ug/l | |
| 76-44-8 | Heptachlor | ND | 0.0010 | 0.00022 | ug/l | |
| 1024-57-3 | Heptachlor epoxide | ND | 0.0010 | 0.00026 | ug/l | |
| 72-43-5 | Methoxychlor | ND | 0.0020 | 0.00041 | ug/l | |
| 8001-35-2 | Toxaphene | ND | 0.025 | 0.015 | ug/l | |
| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits | | |
| 877-09-8 | Tetrachloro-m-xylene | 50% | | 14-144% | | |
| 877-09-8 | Tetrachloro-m-xylene | 51% | | 14-144% | | |
| 2051-24-3 | Decachlorobiphenyl | 43% | | 10-128% | | |
| 2051-24-3 | Decachlorobiphenyl | 44% | | 10-128% | | |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | | |
|---|--|-------------------------|
| Client Sample ID: TW-3 | | Date Sampled: 01/20/14 |
| Lab Sample ID: JB58302-3 | | Date Received: 01/22/14 |
| Matrix: AQ - Ground Water | | Percent Solids: n/a |
| Method: SW846 8082A SW846 3510C | | |
| Project: Flushing Commons, Union Street, Flushing, NY | | |

| Run # | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|------------|----|----------|----|-----------|------------|------------------|
| Run #1 | XX144595.D | 1 | 01/24/14 | JR | 01/23/14 | OP72186 | GXX4873 |
| Run #2 | | | | | | | |

| Run # | Initial Volume | Final Volume |
|--------|----------------|--------------|
| Run #1 | 1000 ml | 1.0 ml |
| Run #2 | | |

PCB List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|--------------|--------|-------|--------|-------|---|
| 12674-11-2 | Aroclor 1016 | ND | 0.050 | 0.013 | ug/l | |
| 11104-28-2 | Aroclor 1221 | ND | 0.050 | 0.027 | ug/l | |
| 11141-16-5 | Aroclor 1232 | ND | 0.050 | 0.039 | ug/l | |
| 53469-21-9 | Aroclor 1242 | ND | 0.050 | 0.0086 | ug/l | |
| 12672-29-6 | Aroclor 1248 | ND | 0.050 | 0.015 | ug/l | |
| 11097-69-1 | Aroclor 1254 | ND | 0.050 | 0.014 | ug/l | |
| 11096-82-5 | Aroclor 1260 | ND | 0.050 | 0.021 | ug/l | |
| 11100-14-4 | Aroclor 1268 | ND | 0.050 | 0.013 | ug/l | |
| 37324-23-5 | Aroclor 1262 | ND | 0.050 | 0.0060 | ug/l | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|-----------|----------------------|--------|--------|---------|
| 877-09-8 | Tetrachloro-m-xylene | 56% | | 16-140% |
| 877-09-8 | Tetrachloro-m-xylene | 55% | | 16-140% |
| 2051-24-3 | Decachlorobiphenyl | 55% | | 10-125% |
| 2051-24-3 | Decachlorobiphenyl | 56% | | 10-125% |

ND = Not detected MDL - Method Detection Limit J = Indicates an estimated value
 RL = Reporting Limit B = Indicates analyte found in associated method blank
 E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

4.9
4

Report of Analysis

| | | | |
|-------------------|--|-----------------|----------|
| Client Sample ID: | TW-3 | Date Sampled: | 01/20/14 |
| Lab Sample ID: | JB58302-3 | Date Received: | 01/22/14 |
| Matrix: | AQ - Ground Water | Percent Solids: | n/a |
| Project: | Flushing Commons, Union Street, Flushing, NY | | |

Total Metals Analysis

| Analyte | Result | RL | Units | DF | Prep | Analyzed By | Method | Prep Method |
|-----------|--------|-------|-------|----|----------|--------------|--------------------------|--------------------------|
| Aluminum | < 200 | 200 | ug/l | 1 | 01/23/14 | 01/24/14 SM | SW846 6010C ¹ | SW846 3010A ⁴ |
| Antimony | < 6.0 | 6.0 | ug/l | 1 | 01/23/14 | 01/24/14 SM | SW846 6010C ¹ | SW846 3010A ⁴ |
| Arsenic | < 3.0 | 3.0 | ug/l | 1 | 01/23/14 | 01/24/14 SM | SW846 6010C ¹ | SW846 3010A ⁴ |
| Barium | < 200 | 200 | ug/l | 1 | 01/23/14 | 01/24/14 SM | SW846 6010C ¹ | SW846 3010A ⁴ |
| Beryllium | < 1.0 | 1.0 | ug/l | 1 | 01/23/14 | 01/28/14 MET | SW846 6010C ³ | SW846 3010A ⁴ |
| Cadmium | < 3.0 | 3.0 | ug/l | 1 | 01/23/14 | 01/24/14 SM | SW846 6010C ¹ | SW846 3010A ⁴ |
| Calcium | 56400 | 5000 | ug/l | 1 | 01/23/14 | 01/24/14 SM | SW846 6010C ¹ | SW846 3010A ⁴ |
| Chromium | < 10 | 10 | ug/l | 1 | 01/23/14 | 01/24/14 SM | SW846 6010C ¹ | SW846 3010A ⁴ |
| Cobalt | < 50 | 50 | ug/l | 1 | 01/23/14 | 01/24/14 SM | SW846 6010C ¹ | SW846 3010A ⁴ |
| Copper | < 10 | 10 | ug/l | 1 | 01/23/14 | 01/24/14 SM | SW846 6010C ¹ | SW846 3010A ⁴ |
| Iron | 549 | 100 | ug/l | 1 | 01/23/14 | 01/24/14 SM | SW846 6010C ¹ | SW846 3010A ⁴ |
| Lead | < 3.0 | 3.0 | ug/l | 1 | 01/23/14 | 01/24/14 SM | SW846 6010C ¹ | SW846 3010A ⁴ |
| Magnesium | 27800 | 5000 | ug/l | 1 | 01/23/14 | 01/24/14 SM | SW846 6010C ¹ | SW846 3010A ⁴ |
| Manganese | 1460 | 15 | ug/l | 1 | 01/23/14 | 01/24/14 SM | SW846 6010C ¹ | SW846 3010A ⁴ |
| Mercury | < 0.20 | 0.20 | ug/l | 1 | 01/24/14 | 01/24/14 DP | SW846 7470A ² | SW846 7470A ⁵ |
| Nickel | 14.6 | 10 | ug/l | 1 | 01/23/14 | 01/24/14 SM | SW846 6010C ¹ | SW846 3010A ⁴ |
| Potassium | 10700 | 10000 | ug/l | 1 | 01/23/14 | 01/24/14 SM | SW846 6010C ¹ | SW846 3010A ⁴ |
| Selenium | < 10 | 10 | ug/l | 1 | 01/23/14 | 01/24/14 SM | SW846 6010C ¹ | SW846 3010A ⁴ |
| Silver | < 10 | 10 | ug/l | 1 | 01/23/14 | 01/24/14 SM | SW846 6010C ¹ | SW846 3010A ⁴ |
| Sodium | 43900 | 10000 | ug/l | 1 | 01/23/14 | 01/24/14 SM | SW846 6010C ¹ | SW846 3010A ⁴ |
| Thallium | < 2.0 | 2.0 | ug/l | 1 | 01/23/14 | 01/24/14 SM | SW846 6010C ¹ | SW846 3010A ⁴ |
| Vanadium | < 50 | 50 | ug/l | 1 | 01/23/14 | 01/24/14 SM | SW846 6010C ¹ | SW846 3010A ⁴ |
| Zinc | < 20 | 20 | ug/l | 1 | 01/23/14 | 01/24/14 SM | SW846 6010C ¹ | SW846 3010A ⁴ |

(1) Instrument QC Batch: MA33142

(2) Instrument QC Batch: MA33144

(3) Instrument QC Batch: MA33167

(4) Prep QC Batch: MP77379

(5) Prep QC Batch: MP77387

RL = Reporting Limit

Report of Analysis

| | | | |
|-------------------|--|-----------------|----------|
| Client Sample ID: | TW-3 | Date Sampled: | 01/20/14 |
| Lab Sample ID: | JB58302-3F | Date Received: | 01/22/14 |
| Matrix: | AQ - Groundwater Filtered | Percent Solids: | n/a |
| Project: | Flushing Commons, Union Street, Flushing, NY | | |

Dissolved Metals Analysis

| Analyte | Result | RL | Units | DF | Prep | Analyzed By | Method | Prep Method |
|-----------|--------|-------|-------|----|----------|-------------|--------|---|
| Aluminum | < 200 | 200 | ug/l | 1 | 01/23/14 | 01/24/14 | SM | SW846 6010C ¹ SW846 3010A ⁴ |
| Antimony | < 6.0 | 6.0 | ug/l | 1 | 01/23/14 | 01/24/14 | SM | SW846 6010C ¹ SW846 3010A ⁴ |
| Arsenic | < 3.0 | 3.0 | ug/l | 1 | 01/23/14 | 01/24/14 | SM | SW846 6010C ¹ SW846 3010A ⁴ |
| Barium | < 200 | 200 | ug/l | 1 | 01/23/14 | 01/24/14 | SM | SW846 6010C ¹ SW846 3010A ⁴ |
| Beryllium | < 1.0 | 1.0 | ug/l | 1 | 01/23/14 | 01/28/14 | MET | SW846 6010C ³ SW846 3010A ⁴ |
| Cadmium | < 3.0 | 3.0 | ug/l | 1 | 01/23/14 | 01/24/14 | SM | SW846 6010C ¹ SW846 3010A ⁴ |
| Calcium | 55800 | 5000 | ug/l | 1 | 01/23/14 | 01/24/14 | SM | SW846 6010C ¹ SW846 3010A ⁴ |
| Chromium | < 10 | 10 | ug/l | 1 | 01/23/14 | 01/24/14 | SM | SW846 6010C ¹ SW846 3010A ⁴ |
| Cobalt | < 50 | 50 | ug/l | 1 | 01/23/14 | 01/24/14 | SM | SW846 6010C ¹ SW846 3010A ⁴ |
| Copper | < 10 | 10 | ug/l | 1 | 01/23/14 | 01/24/14 | SM | SW846 6010C ¹ SW846 3010A ⁴ |
| Iron | 562 | 100 | ug/l | 1 | 01/23/14 | 01/24/14 | SM | SW846 6010C ¹ SW846 3010A ⁴ |
| Lead | < 3.0 | 3.0 | ug/l | 1 | 01/23/14 | 01/24/14 | SM | SW846 6010C ¹ SW846 3010A ⁴ |
| Magnesium | 27500 | 5000 | ug/l | 1 | 01/23/14 | 01/24/14 | SM | SW846 6010C ¹ SW846 3010A ⁴ |
| Manganese | 1560 | 15 | ug/l | 1 | 01/23/14 | 01/24/14 | SM | SW846 6010C ¹ SW846 3010A ⁴ |
| Mercury | < 0.20 | 0.20 | ug/l | 1 | 01/24/14 | 01/24/14 | DP | SW846 7470A ² SW846 7470A ⁵ |
| Nickel | 14.8 | 10 | ug/l | 1 | 01/23/14 | 01/24/14 | SM | SW846 6010C ¹ SW846 3010A ⁴ |
| Potassium | 10500 | 10000 | ug/l | 1 | 01/23/14 | 01/24/14 | SM | SW846 6010C ¹ SW846 3010A ⁴ |
| Selenium | < 10 | 10 | ug/l | 1 | 01/23/14 | 01/24/14 | SM | SW846 6010C ¹ SW846 3010A ⁴ |
| Silver | < 10 | 10 | ug/l | 1 | 01/23/14 | 01/24/14 | SM | SW846 6010C ¹ SW846 3010A ⁴ |
| Sodium | 43100 | 10000 | ug/l | 1 | 01/23/14 | 01/24/14 | SM | SW846 6010C ¹ SW846 3010A ⁴ |
| Thallium | < 2.0 | 2.0 | ug/l | 1 | 01/23/14 | 01/24/14 | SM | SW846 6010C ¹ SW846 3010A ⁴ |
| Vanadium | < 50 | 50 | ug/l | 1 | 01/23/14 | 01/24/14 | SM | SW846 6010C ¹ SW846 3010A ⁴ |
| Zinc | 24.0 | 20 | ug/l | 1 | 01/23/14 | 01/24/14 | SM | SW846 6010C ¹ SW846 3010A ⁴ |

(1) Instrument QC Batch: MA33142

(2) Instrument QC Batch: MA33144

(3) Instrument QC Batch: MA33167

(4) Prep QC Batch: MP77379

(5) Prep QC Batch: MP77387

RL = Reporting Limit

Report of Analysis

| | | | |
|-------------------|--|-----------------|----------|
| Client Sample ID: | TRIP BLANK | Date Sampled: | 01/20/14 |
| Lab Sample ID: | JB58302-4 | Date Received: | 01/22/14 |
| Matrix: | AQ - Trip Blank Water | Percent Solids: | n/a |
| Method: | SW846 8260C | | |
| Project: | Flushing Commons, Union Street, Flushing, NY | | |

| Run # | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|-----------|----|----------|-----|-----------|------------|------------------|
| Run #1 | C188179.D | 1 | 01/23/14 | TDN | n/a | n/a | VC6831 |
| Run #2 | | | | | | | |

| Run # | Purge Volume |
|--------|--------------|
| Run #1 | 5.0 ml |
| Run #2 | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|-----------------------------|--------|-----|------|-------|---|
| 67-64-1 | Acetone | ND | 10 | 3.3 | ug/l | |
| 71-43-2 | Benzene | ND | 1.0 | 0.28 | ug/l | |
| 74-97-5 | Bromochloromethane | ND | 5.0 | 0.42 | ug/l | |
| 75-27-4 | Bromodichloromethane | ND | 1.0 | 0.21 | ug/l | |
| 75-25-2 | Bromoform | ND | 4.0 | 0.30 | ug/l | |
| 74-83-9 | Bromomethane | ND | 2.0 | 0.56 | ug/l | |
| 78-93-3 | 2-Butanone (MEK) | ND | 10 | 3.2 | ug/l | |
| 75-15-0 | Carbon disulfide | ND | 2.0 | 0.18 | ug/l | |
| 56-23-5 | Carbon tetrachloride | ND | 1.0 | 0.23 | ug/l | |
| 108-90-7 | Chlorobenzene | ND | 1.0 | 0.35 | ug/l | |
| 75-00-3 | Chloroethane | ND | 1.0 | 0.39 | ug/l | |
| 67-66-3 | Chloroform | ND | 1.0 | 0.25 | ug/l | |
| 74-87-3 | Chloromethane | ND | 1.0 | 0.36 | ug/l | |
| 110-82-7 | Cyclohexane | ND | 5.0 | 0.18 | ug/l | |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ND | 10 | 1.3 | ug/l | |
| 124-48-1 | Dibromochloromethane | ND | 1.0 | 0.19 | ug/l | |
| 106-93-4 | 1,2-Dibromoethane | ND | 2.0 | 0.16 | ug/l | |
| 95-50-1 | 1,2-Dichlorobenzene | ND | 1.0 | 0.20 | ug/l | |
| 541-73-1 | 1,3-Dichlorobenzene | ND | 1.0 | 0.31 | ug/l | |
| 106-46-7 | 1,4-Dichlorobenzene | ND | 1.0 | 0.30 | ug/l | |
| 75-71-8 | Dichlorodifluoromethane | ND | 5.0 | 0.63 | ug/l | |
| 75-34-3 | 1,1-Dichloroethane | ND | 1.0 | 0.26 | ug/l | |
| 107-06-2 | 1,2-Dichloroethane | ND | 1.0 | 0.22 | ug/l | |
| 75-35-4 | 1,1-Dichloroethene | ND | 1.0 | 0.34 | ug/l | |
| 156-59-2 | cis-1,2-Dichloroethene | ND | 1.0 | 0.24 | ug/l | |
| 156-60-5 | trans-1,2-Dichloroethene | ND | 1.0 | 0.38 | ug/l | |
| 78-87-5 | 1,2-Dichloropropane | ND | 1.0 | 0.28 | ug/l | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 1.0 | 0.15 | ug/l | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 100-41-4 | Ethylbenzene | ND | 1.0 | 0.21 | ug/l | |
| 76-13-1 | Freon 113 | ND | 5.0 | 0.77 | ug/l | |
| 591-78-6 | 2-Hexanone | ND | 5.0 | 1.7 | ug/l | |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | | | |
|-------------------|--|-----------------|----------|
| Client Sample ID: | TRIP BLANK | Date Sampled: | 01/20/14 |
| Lab Sample ID: | JB58302-4 | Date Received: | 01/22/14 |
| Matrix: | AQ - Trip Blank Water | Percent Solids: | n/a |
| Method: | SW846 8260C | | |
| Project: | Flushing Commons, Union Street, Flushing, NY | | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|----------------------------|--------|-----|------|-------|---|
| 98-82-8 | Isopropylbenzene | ND | 2.0 | 0.22 | ug/l | |
| 79-20-9 | Methyl Acetate | ND | 5.0 | 1.5 | ug/l | |
| 108-87-2 | Methylcyclohexane | ND | 5.0 | 0.15 | ug/l | |
| 1634-04-4 | Methyl Tert Butyl Ether | ND | 1.0 | 0.29 | ug/l | |
| 108-10-1 | 4-Methyl-2-pentanone(MIBK) | ND | 5.0 | 1.5 | ug/l | |
| 75-09-2 | Methylene chloride | ND | 2.0 | 0.86 | ug/l | |
| 100-42-5 | Styrene | ND | 5.0 | 0.30 | ug/l | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 1.0 | 0.20 | ug/l | |
| 127-18-4 | Tetrachloroethene | ND | 1.0 | 0.25 | ug/l | |
| 108-88-3 | Toluene | ND | 1.0 | 0.44 | ug/l | |
| 87-61-6 | 1,2,3-Trichlorobenzene | ND | 5.0 | 0.24 | ug/l | |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | 5.0 | 0.22 | ug/l | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 1.0 | 0.25 | ug/l | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 1.0 | 0.21 | ug/l | |
| 79-01-6 | Trichloroethene | ND | 1.0 | 0.50 | ug/l | |
| 75-69-4 | Trichlorofluoromethane | ND | 5.0 | 0.33 | ug/l | |
| 75-01-4 | Vinyl chloride | ND | 1.0 | 0.41 | ug/l | |
| | m,p-Xylene | ND | 1.0 | 0.40 | ug/l | |
| 95-47-6 | o-Xylene | ND | 1.0 | 0.19 | ug/l | |
| 1330-20-7 | Xylene (total) | ND | 1.0 | 0.19 | ug/l | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|------------|-----------------------|--------|--------|---------|
| 1868-53-7 | Dibromofluoromethane | 97% | | 79-117% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 96% | | 72-123% |
| 2037-26-5 | Toluene-D8 | 102% | | 82-118% |
| 460-00-4 | 4-Bromofluorobenzene | 98% | | 75-118% |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Misc. Forms

5

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody



Accutest Laboratories Sample Receipt Summary

Accutest Job Number: JB58123 Client: _____ Project: _____
 Date / Time Received: 1/17/2014 Delivery Method: _____ Airbill #'s: _____

Cooler Temps (Initial/Adjusted): #1: (1/1); 0

| <u>Cooler Security</u> | <u>Y</u> | <u>or</u> | <u>N</u> | | <u>Y</u> | <u>or</u> | <u>N</u> |
|---------------------------|-------------------------------------|-----------|--------------------------|-----------------------|-------------------------------------|-----------|--------------------------|
| 1. Custody Seals Present: | <input checked="" type="checkbox"/> | | <input type="checkbox"/> | 3. COC Present: | <input checked="" type="checkbox"/> | | <input type="checkbox"/> |
| 2. Custody Seals Intact: | <input checked="" type="checkbox"/> | | <input type="checkbox"/> | 4. Smpl Dates/Time OK | <input checked="" type="checkbox"/> | | <input type="checkbox"/> |

| <u>Cooler Temperature</u> | <u>Y</u> | <u>or</u> | <u>N</u> |
|------------------------------|-------------------------------------|-----------|--------------------------|
| 1. Temp criteria achieved: | <input checked="" type="checkbox"/> | | <input type="checkbox"/> |
| 2. Cooler temp verification: | IR Gun | | |
| 3. Cooler media: | Ice (Bag) | | |
| 4. No. Coolers: | 1 | | |

| <u>Quality Control Preservation</u> | <u>Y</u> | <u>or</u> | <u>N</u> | <u>N/A</u> |
|-------------------------------------|-------------------------------------|-----------|-------------------------------------|--------------------------|
| 1. Trip Blank present / cooler: | <input type="checkbox"/> | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Trip Blank listed on COC: | <input type="checkbox"/> | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Samples preserved properly: | <input checked="" type="checkbox"/> | | <input type="checkbox"/> | <input type="checkbox"/> |
| 4. VOCs headspace free: | <input checked="" type="checkbox"/> | | <input type="checkbox"/> | <input type="checkbox"/> |

| <u>Sample Integrity - Documentation</u> | <u>Y</u> | <u>or</u> | <u>N</u> |
|---|-------------------------------------|-----------|--------------------------|
| 1. Sample labels present on bottles: | <input checked="" type="checkbox"/> | | <input type="checkbox"/> |
| 2. Container labeling complete: | <input checked="" type="checkbox"/> | | <input type="checkbox"/> |
| 3. Sample container label / COC agree: | <input checked="" type="checkbox"/> | | <input type="checkbox"/> |

| <u>Sample Integrity - Condition</u> | <u>Y</u> | <u>or</u> | <u>N</u> |
|-------------------------------------|-------------------------------------|-----------|--------------------------|
| 1. Sample recvd within HT: | <input checked="" type="checkbox"/> | | <input type="checkbox"/> |
| 2. All containers accounted for: | <input checked="" type="checkbox"/> | | <input type="checkbox"/> |
| 3. Condition of sample: | Intact | | |

| <u>Sample Integrity - Instructions</u> | <u>Y</u> | <u>or</u> | <u>N</u> | <u>N/A</u> |
|---|-------------------------------------|-----------|-------------------------------------|-------------------------------------|
| 1. Analysis requested is clear: | <input checked="" type="checkbox"/> | | <input type="checkbox"/> | |
| 2. Bottles received for unspecified tests | <input type="checkbox"/> | | <input checked="" type="checkbox"/> | |
| 3. Sufficient volume recvd for analysis: | <input checked="" type="checkbox"/> | | <input type="checkbox"/> | |
| 4. Compositing instructions clear: | <input type="checkbox"/> | | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 5. Filtering instructions clear: | <input type="checkbox"/> | | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

Comments

Accutest Laboratories
V: 732.329.0200

2235 US Highway 130
F: 732.329.3499

Dayton, New Jersey
www.accutest.com

5.1
5



Job Change Order: JB58123

Requested Date: 1/27/2014 Received Date: 1/17/2014
 Account Name: AKRF Due Date: 1/24/2014
 Project Description: Flushing Commons, Union Street, Flushing, NY Deliverable: NYASPA
 CSR: MattC TAT (Days): 7

 Sample #: JB58123-all Change:
 Dept: revise deliverable to COMMBN

JB58123: Chain of Custody
Page 5 of 5

Above Changes Per: S Mainowski Date: 1/27/2014

To Client: This Change Order is confirmation of the revisions, previously discussed with the Accutest Client Service Representative.

GC/MS Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Instrument Performance Checks (BFB)
- Surrogate Recovery Summaries

Method Blank Summary

Job Number: JB58123

Account: AKRFNYNY AKRF

Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|------------|-----------|----|----------|-----|-----------|------------|------------------|
| VC6829-MB1 | C188102.D | 1 | 01/22/14 | TDN | n/a | n/a | VC6829 |

The QC reported here applies to the following samples:

Method: SW846 8260C

JB58123-1, JB58123-2

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|-----------------------------|--------|-----|------|-------|---|
| 67-64-1 | Acetone | ND | 10 | 3.3 | ug/l | |
| 71-43-2 | Benzene | ND | 1.0 | 0.28 | ug/l | |
| 74-97-5 | Bromochloromethane | ND | 5.0 | 0.42 | ug/l | |
| 75-27-4 | Bromodichloromethane | ND | 1.0 | 0.21 | ug/l | |
| 75-25-2 | Bromoform | ND | 4.0 | 0.30 | ug/l | |
| 74-83-9 | Bromomethane | ND | 2.0 | 0.56 | ug/l | |
| 78-93-3 | 2-Butanone (MEK) | ND | 10 | 3.2 | ug/l | |
| 75-15-0 | Carbon disulfide | ND | 2.0 | 0.18 | ug/l | |
| 56-23-5 | Carbon tetrachloride | ND | 1.0 | 0.23 | ug/l | |
| 108-90-7 | Chlorobenzene | ND | 1.0 | 0.35 | ug/l | |
| 75-00-3 | Chloroethane | ND | 1.0 | 0.39 | ug/l | |
| 67-66-3 | Chloroform | ND | 1.0 | 0.25 | ug/l | |
| 74-87-3 | Chloromethane | ND | 1.0 | 0.36 | ug/l | |
| 110-82-7 | Cyclohexane | ND | 5.0 | 0.18 | ug/l | |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ND | 10 | 1.3 | ug/l | |
| 124-48-1 | Dibromochloromethane | ND | 1.0 | 0.19 | ug/l | |
| 106-93-4 | 1,2-Dibromoethane | ND | 2.0 | 0.16 | ug/l | |
| 95-50-1 | 1,2-Dichlorobenzene | ND | 1.0 | 0.20 | ug/l | |
| 541-73-1 | 1,3-Dichlorobenzene | ND | 1.0 | 0.31 | ug/l | |
| 106-46-7 | 1,4-Dichlorobenzene | ND | 1.0 | 0.30 | ug/l | |
| 75-71-8 | Dichlorodifluoromethane | ND | 5.0 | 0.63 | ug/l | |
| 75-34-3 | 1,1-Dichloroethane | ND | 1.0 | 0.26 | ug/l | |
| 107-06-2 | 1,2-Dichloroethane | ND | 1.0 | 0.22 | ug/l | |
| 75-35-4 | 1,1-Dichloroethene | ND | 1.0 | 0.34 | ug/l | |
| 156-59-2 | cis-1,2-Dichloroethene | ND | 1.0 | 0.24 | ug/l | |
| 156-60-5 | trans-1,2-Dichloroethene | ND | 1.0 | 0.38 | ug/l | |
| 78-87-5 | 1,2-Dichloropropane | ND | 1.0 | 0.28 | ug/l | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 1.0 | 0.15 | ug/l | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 100-41-4 | Ethylbenzene | ND | 1.0 | 0.21 | ug/l | |
| 76-13-1 | Freon 113 | ND | 5.0 | 0.77 | ug/l | |
| 591-78-6 | 2-Hexanone | ND | 5.0 | 1.7 | ug/l | |
| 98-82-8 | Isopropylbenzene | ND | 2.0 | 0.22 | ug/l | |
| 79-20-9 | Methyl Acetate | ND | 5.0 | 1.5 | ug/l | |
| 108-87-2 | Methylcyclohexane | ND | 5.0 | 0.15 | ug/l | |
| 1634-04-4 | Methyl Tert Butyl Ether | ND | 1.0 | 0.29 | ug/l | |

Method Blank Summary

Job Number: JB58123
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| | | | | | | | |
|------------|-----------|----|----------|-----|-----------|------------|------------------|
| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
| VC6829-MB1 | C188102.D | 1 | 01/22/14 | TDN | n/a | n/a | VC6829 |

The QC reported here applies to the following samples:

Method: SW846 8260C

JB58123-1, JB58123-2

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|----------------------------|--------|-----|------|-------|---|
| 108-10-1 | 4-Methyl-2-pentanone(MIBK) | ND | 5.0 | 1.5 | ug/l | |
| 75-09-2 | Methylene chloride | ND | 2.0 | 0.86 | ug/l | |
| 100-42-5 | Styrene | ND | 5.0 | 0.30 | ug/l | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 1.0 | 0.20 | ug/l | |
| 127-18-4 | Tetrachloroethene | ND | 1.0 | 0.25 | ug/l | |
| 108-88-3 | Toluene | ND | 1.0 | 0.44 | ug/l | |
| 87-61-6 | 1,2,3-Trichlorobenzene | ND | 5.0 | 0.24 | ug/l | |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | 5.0 | 0.22 | ug/l | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 1.0 | 0.25 | ug/l | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 1.0 | 0.21 | ug/l | |
| 79-01-6 | Trichloroethene | ND | 1.0 | 0.50 | ug/l | |
| 75-69-4 | Trichlorofluoromethane | ND | 5.0 | 0.33 | ug/l | |
| 75-01-4 | Vinyl chloride | ND | 1.0 | 0.41 | ug/l | |
| | m,p-Xylene | ND | 1.0 | 0.40 | ug/l | |
| 95-47-6 | o-Xylene | ND | 1.0 | 0.19 | ug/l | |
| 1330-20-7 | Xylene (total) | ND | 1.0 | 0.19 | ug/l | |

| CAS No. | Surrogate Recoveries | Limits |
|------------|-----------------------|--------------|
| 1868-53-7 | Dibromofluoromethane | 97% 79-117% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 95% 72-123% |
| 2037-26-5 | Toluene-D8 | 100% 82-118% |
| 460-00-4 | 4-Bromofluorobenzene | 97% 75-118% |

| CAS No. | Tentatively Identified Compounds | R.T. | Est. Conc. | Units | Q |
|---------|----------------------------------|------|------------|-------|---|
| | Total TIC, Volatile | | 0 | ug/l | |

Method Blank Summary

Job Number: JB58123
Account: AKRFNYNY AKRF
Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|------------|-----------|----|----------|-----|-----------|------------|------------------|
| VC6831-MB2 | C188176.D | 1 | 01/23/14 | TDN | n/a | n/a | VC6831 |

The QC reported here applies to the following samples:

Method: SW846 8260C

JB58302-1, JB58302-2, JB58302-3, JB58302-4

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|-----------------------------|--------|-----|------|-------|---|
| 67-64-1 | Acetone | ND | 10 | 3.3 | ug/l | |
| 71-43-2 | Benzene | ND | 1.0 | 0.28 | ug/l | |
| 74-97-5 | Bromochloromethane | ND | 5.0 | 0.42 | ug/l | |
| 75-27-4 | Bromodichloromethane | ND | 1.0 | 0.21 | ug/l | |
| 75-25-2 | Bromoform | ND | 4.0 | 0.30 | ug/l | |
| 74-83-9 | Bromomethane | ND | 2.0 | 0.56 | ug/l | |
| 78-93-3 | 2-Butanone (MEK) | ND | 10 | 3.2 | ug/l | |
| 75-15-0 | Carbon disulfide | ND | 2.0 | 0.18 | ug/l | |
| 56-23-5 | Carbon tetrachloride | ND | 1.0 | 0.23 | ug/l | |
| 108-90-7 | Chlorobenzene | ND | 1.0 | 0.35 | ug/l | |
| 75-00-3 | Chloroethane | ND | 1.0 | 0.39 | ug/l | |
| 67-66-3 | Chloroform | ND | 1.0 | 0.25 | ug/l | |
| 74-87-3 | Chloromethane | ND | 1.0 | 0.36 | ug/l | |
| 110-82-7 | Cyclohexane | ND | 5.0 | 0.18 | ug/l | |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ND | 10 | 1.3 | ug/l | |
| 124-48-1 | Dibromochloromethane | ND | 1.0 | 0.19 | ug/l | |
| 106-93-4 | 1,2-Dibromoethane | ND | 2.0 | 0.16 | ug/l | |
| 95-50-1 | 1,2-Dichlorobenzene | ND | 1.0 | 0.20 | ug/l | |
| 541-73-1 | 1,3-Dichlorobenzene | ND | 1.0 | 0.31 | ug/l | |
| 106-46-7 | 1,4-Dichlorobenzene | ND | 1.0 | 0.30 | ug/l | |
| 75-71-8 | Dichlorodifluoromethane | ND | 5.0 | 0.63 | ug/l | |
| 75-34-3 | 1,1-Dichloroethane | ND | 1.0 | 0.26 | ug/l | |
| 107-06-2 | 1,2-Dichloroethane | ND | 1.0 | 0.22 | ug/l | |
| 75-35-4 | 1,1-Dichloroethene | ND | 1.0 | 0.34 | ug/l | |
| 156-59-2 | cis-1,2-Dichloroethene | ND | 1.0 | 0.24 | ug/l | |
| 156-60-5 | trans-1,2-Dichloroethene | ND | 1.0 | 0.38 | ug/l | |
| 78-87-5 | 1,2-Dichloropropane | ND | 1.0 | 0.28 | ug/l | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 1.0 | 0.15 | ug/l | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 100-41-4 | Ethylbenzene | ND | 1.0 | 0.21 | ug/l | |
| 76-13-1 | Freon 113 | ND | 5.0 | 0.77 | ug/l | |
| 591-78-6 | 2-Hexanone | ND | 5.0 | 1.7 | ug/l | |
| 98-82-8 | Isopropylbenzene | ND | 2.0 | 0.22 | ug/l | |
| 79-20-9 | Methyl Acetate | ND | 5.0 | 1.5 | ug/l | |
| 108-87-2 | Methylcyclohexane | ND | 5.0 | 0.15 | ug/l | |
| 1634-04-4 | Methyl Tert Butyl Ether | ND | 1.0 | 0.29 | ug/l | |

Method Blank Summary

Job Number: JB58123
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|------------|-----------|----|----------|-----|-----------|------------|------------------|
| VC6831-MB2 | C188176.D | 1 | 01/23/14 | TDN | n/a | n/a | VC6831 |

The QC reported here applies to the following samples:

Method: SW846 8260C

JB58302-1, JB58302-2, JB58302-3, JB58302-4

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|----------------------------|--------|-----|------|-------|---|
| 108-10-1 | 4-Methyl-2-pentanone(MIBK) | ND | 5.0 | 1.5 | ug/l | |
| 75-09-2 | Methylene chloride | ND | 2.0 | 0.86 | ug/l | |
| 100-42-5 | Styrene | ND | 5.0 | 0.30 | ug/l | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 1.0 | 0.20 | ug/l | |
| 127-18-4 | Tetrachloroethene | ND | 1.0 | 0.25 | ug/l | |
| 108-88-3 | Toluene | ND | 1.0 | 0.44 | ug/l | |
| 87-61-6 | 1,2,3-Trichlorobenzene | ND | 5.0 | 0.24 | ug/l | |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | 5.0 | 0.22 | ug/l | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 1.0 | 0.25 | ug/l | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 1.0 | 0.21 | ug/l | |
| 79-01-6 | Trichloroethene | ND | 1.0 | 0.50 | ug/l | |
| 75-69-4 | Trichlorofluoromethane | ND | 5.0 | 0.33 | ug/l | |
| 75-01-4 | Vinyl chloride | ND | 1.0 | 0.41 | ug/l | |
| | m,p-Xylene | ND | 1.0 | 0.40 | ug/l | |
| 95-47-6 | o-Xylene | ND | 1.0 | 0.19 | ug/l | |
| 1330-20-7 | Xylene (total) | ND | 1.0 | 0.19 | ug/l | |

| CAS No. | Surrogate Recoveries | Limits |
|------------|-----------------------|--------------|
| 1868-53-7 | Dibromofluoromethane | 96% 79-117% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 94% 72-123% |
| 2037-26-5 | Toluene-D8 | 103% 82-118% |
| 460-00-4 | 4-Bromofluorobenzene | 98% 75-118% |

Method Blank Summary

Job Number: JB58123
Account: AKRFNYNY AKRF
Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|------------|-----------|----|----------|-----|-----------|------------|------------------|
| VC6831-MB1 | C188154.D | 1 | 01/23/14 | TDN | n/a | n/a | VC6831 |

The QC reported here applies to the following samples:

Method: SW846 8260C

VC6831-BS, JB58279-4MS, JB58279-4MSD

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|-----------------------------|--------|-----|------|-------|---|
| 67-64-1 | Acetone | ND | 10 | 3.3 | ug/l | |
| 71-43-2 | Benzene | ND | 1.0 | 0.28 | ug/l | |
| 74-97-5 | Bromochloromethane | ND | 5.0 | 0.42 | ug/l | |
| 75-27-4 | Bromodichloromethane | ND | 1.0 | 0.21 | ug/l | |
| 75-25-2 | Bromoform | ND | 4.0 | 0.30 | ug/l | |
| 74-83-9 | Bromomethane | ND | 2.0 | 0.56 | ug/l | |
| 78-93-3 | 2-Butanone (MEK) | ND | 10 | 3.2 | ug/l | |
| 75-15-0 | Carbon disulfide | ND | 2.0 | 0.18 | ug/l | |
| 56-23-5 | Carbon tetrachloride | ND | 1.0 | 0.23 | ug/l | |
| 108-90-7 | Chlorobenzene | ND | 1.0 | 0.35 | ug/l | |
| 75-00-3 | Chloroethane | ND | 1.0 | 0.39 | ug/l | |
| 67-66-3 | Chloroform | ND | 1.0 | 0.25 | ug/l | |
| 74-87-3 | Chloromethane | ND | 1.0 | 0.36 | ug/l | |
| 110-82-7 | Cyclohexane | ND | 5.0 | 0.18 | ug/l | |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ND | 10 | 1.3 | ug/l | |
| 124-48-1 | Dibromochloromethane | ND | 1.0 | 0.19 | ug/l | |
| 106-93-4 | 1,2-Dibromoethane | ND | 2.0 | 0.16 | ug/l | |
| 95-50-1 | 1,2-Dichlorobenzene | ND | 1.0 | 0.20 | ug/l | |
| 541-73-1 | 1,3-Dichlorobenzene | ND | 1.0 | 0.31 | ug/l | |
| 106-46-7 | 1,4-Dichlorobenzene | ND | 1.0 | 0.30 | ug/l | |
| 75-71-8 | Dichlorodifluoromethane | ND | 5.0 | 0.63 | ug/l | |
| 75-34-3 | 1,1-Dichloroethane | ND | 1.0 | 0.26 | ug/l | |
| 107-06-2 | 1,2-Dichloroethane | ND | 1.0 | 0.22 | ug/l | |
| 75-35-4 | 1,1-Dichloroethene | ND | 1.0 | 0.34 | ug/l | |
| 156-59-2 | cis-1,2-Dichloroethene | ND | 1.0 | 0.24 | ug/l | |
| 156-60-5 | trans-1,2-Dichloroethene | ND | 1.0 | 0.38 | ug/l | |
| 78-87-5 | 1,2-Dichloropropane | ND | 1.0 | 0.28 | ug/l | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 1.0 | 0.15 | ug/l | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 100-41-4 | Ethylbenzene | ND | 1.0 | 0.21 | ug/l | |
| 76-13-1 | Freon 113 | ND | 5.0 | 0.77 | ug/l | |
| 591-78-6 | 2-Hexanone | ND | 5.0 | 1.7 | ug/l | |
| 98-82-8 | Isopropylbenzene | ND | 2.0 | 0.22 | ug/l | |
| 79-20-9 | Methyl Acetate | ND | 5.0 | 1.5 | ug/l | |
| 108-87-2 | Methylcyclohexane | ND | 5.0 | 0.15 | ug/l | |
| 1634-04-4 | Methyl Tert Butyl Ether | ND | 1.0 | 0.29 | ug/l | |

Method Blank Summary

Job Number: JB58123
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| | | | | | | | |
|------------|-----------|----|----------|-----|-----------|------------|------------------|
| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
| VC6831-MB1 | C188154.D | 1 | 01/23/14 | TDN | n/a | n/a | VC6831 |

The QC reported here applies to the following samples:

Method: SW846 8260C

VC6831-BS, JB58279-4MS, JB58279-4MSD

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|----------------------------|--------|-----|------|-------|---|
| 108-10-1 | 4-Methyl-2-pentanone(MIBK) | ND | 5.0 | 1.5 | ug/l | |
| 75-09-2 | Methylene chloride | ND | 2.0 | 0.86 | ug/l | |
| 100-42-5 | Styrene | ND | 5.0 | 0.30 | ug/l | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 1.0 | 0.20 | ug/l | |
| 127-18-4 | Tetrachloroethene | ND | 1.0 | 0.25 | ug/l | |
| 108-88-3 | Toluene | ND | 1.0 | 0.44 | ug/l | |
| 87-61-6 | 1,2,3-Trichlorobenzene | ND | 5.0 | 0.24 | ug/l | |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | 5.0 | 0.22 | ug/l | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 1.0 | 0.25 | ug/l | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 1.0 | 0.21 | ug/l | |
| 79-01-6 | Trichloroethene | ND | 1.0 | 0.50 | ug/l | |
| 75-69-4 | Trichlorofluoromethane | ND | 5.0 | 0.33 | ug/l | |
| 75-01-4 | Vinyl chloride | ND | 1.0 | 0.41 | ug/l | |
| | m,p-Xylene | ND | 1.0 | 0.40 | ug/l | |
| 95-47-6 | o-Xylene | ND | 1.0 | 0.19 | ug/l | |
| 1330-20-7 | Xylene (total) | ND | 1.0 | 0.19 | ug/l | |

| CAS No. | Surrogate Recoveries | Limits |
|------------|-----------------------|--------------|
| 1868-53-7 | Dibromofluoromethane | 101% 79-117% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 99% 72-123% |
| 2037-26-5 | Toluene-D8 | 99% 82-118% |
| 460-00-4 | 4-Bromofluorobenzene | 94% 75-118% |

| CAS No. | Tentatively Identified Compounds | R.T. | Est. Conc. | Units | Q |
|---------|----------------------------------|------|------------|-------|---|
| | Total TIC, Volatile | | 0 | ug/l | |

Blank Spike Summary

Job Number: JB58123
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| | | | | | | | |
|-----------|-----------|----|----------|-----|-----------|------------|------------------|
| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
| VC6829-BS | C188103.D | 1 | 01/22/14 | TDN | n/a | n/a | VC6829 |

The QC reported here applies to the following samples:

Method: SW846 8260C

JB58123-1, JB58123-2

| CAS No. | Compound | Spike ug/l | BSP ug/l | BSP % | Limits |
|------------|-----------------------------|---------------|-------------|----------|--------|
| 67-64-1 | Acetone | 50 | 55.0 | 110 | 49-153 |
| 71-43-2 | Benzene | 50 | 50.3 | 101 | 80-119 |
| 74-97-5 | Bromochloromethane | 50 | 53.5 | 107 | 84-123 |
| 75-27-4 | Bromodichloromethane | 50 | 48.8 | 98 | 83-127 |
| 75-25-2 | Bromoform | 50 | 42.5 | 85 | 71-133 |
| 74-83-9 | Bromomethane | 50 | 50.0 | 100 | 62-143 |
| 78-93-3 | 2-Butanone (MEK) | 50 | 49.9 | 100 | 64-136 |
| 75-15-0 | Carbon disulfide | 50 | 50.3 | 101 | 71-127 |
| 56-23-5 | Carbon tetrachloride | 50 | 53.0 | 106 | 78-138 |
| 108-90-7 | Chlorobenzene | 50 | 47.5 | 95 | 83-118 |
| 75-00-3 | Chloroethane | 50 | 55.5 | 111 | 67-143 |
| 67-66-3 | Chloroform | 50 | 51.5 | 103 | 81-124 |
| 74-87-3 | Chloromethane | 50 | 51.5 | 103 | 56-146 |
| 110-82-7 | Cyclohexane | 50 | 52.6 | 105 | 69-134 |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | 50 | 45.8 | 92 | 63-137 |
| 124-48-1 | Dibromochloromethane | 50 | 46.8 | 94 | 79-125 |
| 106-93-4 | 1,2-Dibromoethane | 50 | 45.6 | 91 | 79-122 |
| 95-50-1 | 1,2-Dichlorobenzene | 50 | 47.3 | 95 | 81-120 |
| 541-73-1 | 1,3-Dichlorobenzene | 50 | 47.4 | 95 | 81-120 |
| 106-46-7 | 1,4-Dichlorobenzene | 50 | 46.8 | 94 | 81-117 |
| 75-71-8 | Dichlorodifluoromethane | 50 | 56.5 | 113 | 43-143 |
| 75-34-3 | 1,1-Dichloroethane | 50 | 51.7 | 103 | 80-129 |
| 107-06-2 | 1,2-Dichloroethane | 50 | 49.8 | 100 | 75-133 |
| 75-35-4 | 1,1-Dichloroethene | 50 | 51.2 | 102 | 74-127 |
| 156-59-2 | cis-1,2-Dichloroethene | 50 | 47.3 | 95 | 79-123 |
| 156-60-5 | trans-1,2-Dichloroethene | 50 | 45.5 | 91 | 75-123 |
| 78-87-5 | 1,2-Dichloropropane | 50 | 50.0 | 100 | 80-125 |
| 10061-01-5 | cis-1,3-Dichloropropene | 50 | 43.8 | 88 | 76-118 |
| 10061-02-6 | trans-1,3-Dichloropropene | 50 | 43.7 | 87 | 79-123 |
| 100-41-4 | Ethylbenzene | 50 | 46.4 | 93 | 82-119 |
| 76-13-1 | Freon 113 | 50 | 55.6 | 111 | 58-140 |
| 591-78-6 | 2-Hexanone | 50 | 41.7 | 83 | 60-136 |
| 98-82-8 | Isopropylbenzene | 50 | 50.0 | 100 | 77-127 |
| 79-20-9 | Methyl Acetate | 50 | 43.1 | 86 | 37-156 |
| 108-87-2 | Methylcyclohexane | 50 | 49.4 | 99 | 63-136 |
| 1634-04-4 | Methyl Tert Butyl Ether | 100 | 95.1 | 95 | 75-122 |

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JB58123
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| | | | | | | | |
|-----------|-----------|----|----------|-----|-----------|------------|------------------|
| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
| VC6829-BS | C188103.D | 1 | 01/22/14 | TDN | n/a | n/a | VC6829 |

The QC reported here applies to the following samples:

Method: SW846 8260C

JB58123-1, JB58123-2

| CAS No. | Compound | Spike ug/l | BSP ug/l | BSP % | Limits |
|-----------|----------------------------|------------|----------|-------|--------|
| 108-10-1 | 4-Methyl-2-pentanone(MIBK) | 50 | 44.6 | 89 | 67-133 |
| 75-09-2 | Methylene chloride | 50 | 50.8 | 102 | 74-123 |
| 100-42-5 | Styrene | 50 | 46.5 | 93 | 80-120 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 50 | 43.1 | 86 | 69-125 |
| 127-18-4 | Tetrachloroethene | 50 | 51.0 | 102 | 73-134 |
| 108-88-3 | Toluene | 50 | 48.5 | 97 | 82-120 |
| 87-61-6 | 1,2,3-Trichlorobenzene | 50 | 48.9 | 98 | 63-138 |
| 120-82-1 | 1,2,4-Trichlorobenzene | 50 | 49.5 | 99 | 74-136 |
| 71-55-6 | 1,1,1-Trichloroethane | 50 | 53.2 | 106 | 80-131 |
| 79-00-5 | 1,1,2-Trichloroethane | 50 | 45.2 | 90 | 79-124 |
| 79-01-6 | Trichloroethene | 50 | 51.2 | 102 | 84-126 |
| 75-69-4 | Trichlorofluoromethane | 50 | 55.4 | 111 | 67-145 |
| 75-01-4 | Vinyl chloride | 50 | 53.8 | 108 | 57-132 |
| | m,p-Xylene | 100 | 96.8 | 97 | 81-119 |
| 95-47-6 | o-Xylene | 50 | 48.0 | 96 | 82-120 |
| 1330-20-7 | Xylene (total) | 150 | 145 | 97 | 82-119 |

| CAS No. | Surrogate Recoveries | BSP | Limits |
|------------|-----------------------|------|---------|
| 1868-53-7 | Dibromofluoromethane | 101% | 79-117% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 97% | 72-123% |
| 2037-26-5 | Toluene-D8 | 100% | 82-118% |
| 460-00-4 | 4-Bromofluorobenzene | 97% | 75-118% |

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JB58123
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| | | | | | | | |
|-----------|-----------|----|----------|-----|-----------|------------|------------------|
| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
| VC6831-BS | C188155.D | 1 | 01/23/14 | TDN | n/a | n/a | VC6831 |

The QC reported here applies to the following samples:

Method: SW846 8260C

JB58302-1, JB58302-2, JB58302-3, JB58302-4

| CAS No. | Compound | Spike ug/l | BSP ug/l | BSP % | Limits |
|------------|-----------------------------|---------------|-------------|----------|--------|
| 67-64-1 | Acetone | 50 | 58.7 | 117 | 49-153 |
| 71-43-2 | Benzene | 50 | 51.7 | 103 | 80-119 |
| 74-97-5 | Bromochloromethane | 50 | 54.4 | 109 | 84-123 |
| 75-27-4 | Bromodichloromethane | 50 | 49.9 | 100 | 83-127 |
| 75-25-2 | Bromoform | 50 | 44.4 | 89 | 71-133 |
| 74-83-9 | Bromomethane | 50 | 52.2 | 104 | 62-143 |
| 78-93-3 | 2-Butanone (MEK) | 50 | 53.9 | 108 | 64-136 |
| 75-15-0 | Carbon disulfide | 50 | 51.5 | 103 | 71-127 |
| 56-23-5 | Carbon tetrachloride | 50 | 54.4 | 109 | 78-138 |
| 108-90-7 | Chlorobenzene | 50 | 48.6 | 97 | 83-118 |
| 75-00-3 | Chloroethane | 50 | 57.4 | 115 | 67-143 |
| 67-66-3 | Chloroform | 50 | 52.2 | 104 | 81-124 |
| 74-87-3 | Chloromethane | 50 | 53.4 | 107 | 56-146 |
| 110-82-7 | Cyclohexane | 50 | 54.0 | 108 | 69-134 |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | 50 | 47.0 | 94 | 63-137 |
| 124-48-1 | Dibromochloromethane | 50 | 47.6 | 95 | 79-125 |
| 106-93-4 | 1,2-Dibromoethane | 50 | 47.2 | 94 | 79-122 |
| 95-50-1 | 1,2-Dichlorobenzene | 50 | 47.8 | 96 | 81-120 |
| 541-73-1 | 1,3-Dichlorobenzene | 50 | 48.4 | 97 | 81-120 |
| 106-46-7 | 1,4-Dichlorobenzene | 50 | 48.0 | 96 | 81-117 |
| 75-71-8 | Dichlorodifluoromethane | 50 | 59.1 | 118 | 43-143 |
| 75-34-3 | 1,1-Dichloroethane | 50 | 53.8 | 108 | 80-129 |
| 107-06-2 | 1,2-Dichloroethane | 50 | 50.7 | 101 | 75-133 |
| 75-35-4 | 1,1-Dichloroethene | 50 | 53.0 | 106 | 74-127 |
| 156-59-2 | cis-1,2-Dichloroethene | 50 | 47.7 | 95 | 79-123 |
| 156-60-5 | trans-1,2-Dichloroethene | 50 | 46.1 | 92 | 75-123 |
| 78-87-5 | 1,2-Dichloropropane | 50 | 51.8 | 104 | 80-125 |
| 10061-01-5 | cis-1,3-Dichloropropene | 50 | 45.3 | 91 | 76-118 |
| 10061-02-6 | trans-1,3-Dichloropropene | 50 | 45.9 | 92 | 79-123 |
| 100-41-4 | Ethylbenzene | 50 | 47.7 | 95 | 82-119 |
| 76-13-1 | Freon 113 | 50 | 56.9 | 114 | 58-140 |
| 591-78-6 | 2-Hexanone | 50 | 46.8 | 94 | 60-136 |
| 98-82-8 | Isopropylbenzene | 50 | 50.4 | 101 | 77-127 |
| 79-20-9 | Methyl Acetate | 50 | 46.0 | 92 | 37-156 |
| 108-87-2 | Methylcyclohexane | 50 | 51.1 | 102 | 63-136 |
| 1634-04-4 | Methyl Tert Butyl Ether | 100 | 96.5 | 97 | 75-122 |

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JB58123
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| | | | | | | | |
|-----------|-----------|----|----------|-----|-----------|------------|------------------|
| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
| VC6831-BS | C188155.D | 1 | 01/23/14 | TDN | n/a | n/a | VC6831 |

The QC reported here applies to the following samples:

Method: SW846 8260C

JB58302-1, JB58302-2, JB58302-3, JB58302-4

| CAS No. | Compound | Spike ug/l | BSP ug/l | BSP % | Limits |
|-----------|----------------------------|------------|----------|-------|--------|
| 108-10-1 | 4-Methyl-2-pentanone(MIBK) | 50 | 47.9 | 96 | 67-133 |
| 75-09-2 | Methylene chloride | 50 | 51.7 | 103 | 74-123 |
| 100-42-5 | Styrene | 50 | 47.6 | 95 | 80-120 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 50 | 44.0 | 88 | 69-125 |
| 127-18-4 | Tetrachloroethene | 50 | 51.2 | 102 | 73-134 |
| 108-88-3 | Toluene | 50 | 50.2 | 100 | 82-120 |
| 87-61-6 | 1,2,3-Trichlorobenzene | 50 | 50.3 | 101 | 63-138 |
| 120-82-1 | 1,2,4-Trichlorobenzene | 50 | 51.1 | 102 | 74-136 |
| 71-55-6 | 1,1,1-Trichloroethane | 50 | 54.3 | 109 | 80-131 |
| 79-00-5 | 1,1,2-Trichloroethane | 50 | 47.3 | 95 | 79-124 |
| 79-01-6 | Trichloroethene | 50 | 52.2 | 104 | 84-126 |
| 75-69-4 | Trichlorofluoromethane | 50 | 57.1 | 114 | 67-145 |
| 75-01-4 | Vinyl chloride | 50 | 56.5 | 113 | 57-132 |
| | m,p-Xylene | 100 | 99.1 | 99 | 81-119 |
| 95-47-6 | o-Xylene | 50 | 48.7 | 97 | 82-120 |
| 1330-20-7 | Xylene (total) | 150 | 148 | 99 | 82-119 |

| CAS No. | Surrogate Recoveries | BSP | Limits |
|------------|-----------------------|------|---------|
| 1868-53-7 | Dibromofluoromethane | 100% | 79-117% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 98% | 72-123% |
| 2037-26-5 | Toluene-D8 | 102% | 82-118% |
| 460-00-4 | 4-Bromofluorobenzene | 97% | 75-118% |

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JB58123
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------------|-----------|----|----------|-----|-----------|------------|------------------|
| JB57769-8MS | C188114.D | 1 | 01/22/14 | TDN | n/a | n/a | VC6829 |
| JB57769-8MSD | C188115.D | 1 | 01/22/14 | TDN | n/a | n/a | VC6829 |
| JB57769-8 | C188107.D | 1 | 01/22/14 | TDN | n/a | n/a | VC6829 |

The QC reported here applies to the following samples:

Method: SW846 8260C

JB58123-1, JB58123-2

| CAS No. | Compound | JB57769-8 ug/l | Spike Q ug/l | MS ug/l | MS % | MSD ug/l | MSD % | RPD | Limits Rec/RPD |
|------------|-----------------------------|-------------------|--------------------|------------|---------|-------------|----------|-----|-------------------|
| 67-64-1 | Acetone | ND | 50 | 52.5 | 105 | 51.1 | 102 | 3 | 45-157/19 |
| 71-43-2 | Benzene | ND | 50 | 47.4 | 95 | 47.3 | 95 | 0 | 49-138/12 |
| 74-97-5 | Bromochloromethane | ND | 50 | 51.4 | 103 | 50.6 | 101 | 2 | 75-130/12 |
| 75-27-4 | Bromodichloromethane | ND | 50 | 47.9 | 96 | 48.0 | 96 | 0 | 73-132/13 |
| 75-25-2 | Bromoform | ND | 50 | 44.5 | 89 | 45.0 | 90 | 1 | 61-138/13 |
| 74-83-9 | Bromomethane | ND | 50 | 53.1 | 106 | 51.6 | 103 | 3 | 49-146/18 |
| 78-93-3 | 2-Butanone (MEK) | ND | 50 | 49.6 | 99 | 48.2 | 96 | 3 | 58-144/14 |
| 75-15-0 | Carbon disulfide | ND | 50 | 47.0 | 94 | 46.0 | 92 | 2 | 47-140/18 |
| 56-23-5 | Carbon tetrachloride | ND | 50 | 49.1 | 98 | 49.6 | 99 | 1 | 57-147/16 |
| 108-90-7 | Chlorobenzene | ND | 50 | 45.6 | 91 | 45.3 | 91 | 1 | 69-129/12 |
| 75-00-3 | Chloroethane | ND | 50 | 54.6 | 109 | 53.0 | 106 | 3 | 52-145/17 |
| 67-66-3 | Chloroform | ND | 50 | 47.9 | 96 | 47.6 | 95 | 1 | 68-131/13 |
| 74-87-3 | Chloromethane | ND | 50 | 50.2 | 100 | 48.9 | 98 | 3 | 43-145/17 |
| 110-82-7 | Cyclohexane | ND | 50 | 50.1 | 100 | 49.0 | 98 | 2 | 39-152/18 |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ND | 50 | 44.2 | 88 | 43.4 | 87 | 2 | 58-143/14 |
| 124-48-1 | Dibromochloromethane | ND | 50 | 46.4 | 93 | 46.7 | 93 | 1 | 71-131/12 |
| 106-93-4 | 1,2-Dibromoethane | ND | 50 | 46.0 | 92 | 45.7 | 91 | 1 | 72-130/12 |
| 95-50-1 | 1,2-Dichlorobenzene | ND | 50 | 45.5 | 91 | 45.7 | 91 | 0 | 71-128/12 |
| 541-73-1 | 1,3-Dichlorobenzene | ND | 50 | 46.2 | 92 | 46.6 | 93 | 1 | 70-128/13 |
| 106-46-7 | 1,4-Dichlorobenzene | ND | 50 | 45.6 | 91 | 45.8 | 92 | 0 | 70-126/12 |
| 75-71-8 | Dichlorodifluoromethane | ND | 50 | 57.2 | 114 | 56.0 | 112 | 2 | 35-161/21 |
| 75-34-3 | 1,1-Dichloroethane | ND | 50 | 47.1 | 94 | 46.5 | 93 | 1 | 64-136/14 |
| 107-06-2 | 1,2-Dichloroethane | ND | 50 | 48.1 | 96 | 48.3 | 97 | 0 | 69-138/12 |
| 75-35-4 | 1,1-Dichloroethene | ND | 50 | 47.9 | 96 | 46.5 | 93 | 3 | 50-141/17 |
| 156-59-2 | cis-1,2-Dichloroethene | ND | 50 | 43.7 | 87 | 43.8 | 88 | 0 | 60-135/13 |
| 156-60-5 | trans-1,2-Dichloroethene | ND | 50 | 43.3 | 87 | 42.2 | 84 | 3 | 58-134/15 |
| 78-87-5 | 1,2-Dichloropropane | ND | 50 | 48.0 | 96 | 48.0 | 96 | 0 | 69-132/12 |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 50 | 46.9 | 94 | 47.2 | 94 | 1 | 73-129/13 |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 50 | 46.1 | 92 | 46.4 | 93 | 1 | 72-129/13 |
| 100-41-4 | Ethylbenzene | ND | 50 | 44.9 | 90 | 44.6 | 89 | 1 | 48-139/13 |
| 76-13-1 | Freon 113 | ND | 50 | 53.9 | 108 | 53.0 | 106 | 2 | 43-153/20 |
| 591-78-6 | 2-Hexanone | ND | 50 | 48.2 | 96 | 47.2 | 94 | 2 | 55-146/15 |
| 98-82-8 | Isopropylbenzene | ND | 50 | 46.5 | 93 | 46.4 | 93 | 0 | 61-138/14 |
| 79-20-9 | Methyl Acetate | ND | 50 | 46.3 | 93 | 44.3 | 89 | 4 | 43-158/14 |
| 108-87-2 | Methylcyclohexane | ND | 50 | 51.4 | 103 | 51.1 | 102 | 1 | 42-153/18 |
| 1634-04-4 | Methyl Tert Butyl Ether | ND | 50 | 48.2 | 96 | 47.6 | 95 | 1 | 63-134/12 |

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JB58123
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------------|-----------|----|----------|-----|-----------|------------|------------------|
| JB57769-8MS | C188114.D | 1 | 01/22/14 | TDN | n/a | n/a | VC6829 |
| JB57769-8MSD | C188115.D | 1 | 01/22/14 | TDN | n/a | n/a | VC6829 |
| JB57769-8 | C188107.D | 1 | 01/22/14 | TDN | n/a | n/a | VC6829 |

The QC reported here applies to the following samples:

Method: SW846 8260C

JB58123-1, JB58123-2

| CAS No. | Compound | JB57769-8 ug/l | Spike Q ug/l | MS ug/l | MS % | MSD ug/l | MSD % | RPD | Limits Rec/RPD |
|-----------|----------------------------|-------------------|--------------------|------------|---------|-------------|----------|-----|-------------------|
| 108-10-1 | 4-Methyl-2-pentanone(MIBK) | ND | 50 | 46.0 | 92 | 45.5 | 91 | 1 | 62-144/13 |
| 75-09-2 | Methylene chloride | ND | 50 | 48.2 | 96 | 47.2 | 94 | 2 | 64-131/13 |
| 100-42-5 | Styrene | ND | 50 | 45.7 | 91 | 46.0 | 92 | 1 | 62-133/13 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 50 | 44.3 | 89 | 43.8 | 88 | 1 | 65-134/12 |
| 127-18-4 | Tetrachloroethene | 6.3 | 50 | 50.1 | 88 | 50.0 | 87 | 0 | 53-144/15 |
| 108-88-3 | Toluene | ND | 50 | 47.8 | 96 | 47.7 | 95 | 0 | 54-138/13 |
| 87-61-6 | 1,2,3-Trichlorobenzene | ND | 50 | 45.6 | 91 | 46.1 | 92 | 1 | 55-142/15 |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | 50 | 46.6 | 93 | 46.8 | 94 | 0 | 64-138/14 |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 50 | 49.5 | 99 | 48.2 | 96 | 3 | 60-143/15 |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 50 | 46.4 | 93 | 46.5 | 93 | 0 | 71-130/12 |
| 79-01-6 | Trichloroethene | 0.61 | J 50 | 48.2 | 95 | 48.2 | 95 | 0 | 59-140/14 |
| 75-69-4 | Trichlorofluoromethane | ND | 50 | 54.8 | 110 | 54.6 | 109 | 0 | 50-158/20 |
| 75-01-4 | Vinyl chloride | ND | 50 | 52.9 | 106 | 51.0 | 102 | 4 | 41-151/18 |
| | m,p-Xylene | ND | 100 | 92.9 | 93 | 92.7 | 93 | 0 | 49-138/13 |
| 95-47-6 | o-Xylene | ND | 50 | 45.6 | 91 | 45.7 | 91 | 0 | 59-134/12 |
| 1330-20-7 | Xylene (total) | ND | 150 | 138 | 92 | 138 | 92 | 0 | 53-136/12 |

| CAS No. | Surrogate Recoveries | MS | MSD | JB57769-8 | Limits |
|------------|-----------------------|------|------|-----------|---------|
| 1868-53-7 | Dibromofluoromethane | 98% | 97% | 97% | 79-117% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 95% | 94% | 95% | 72-123% |
| 2037-26-5 | Toluene-D8 | 102% | 103% | 102% | 82-118% |
| 460-00-4 | 4-Bromofluorobenzene | 98% | 98% | 98% | 75-118% |

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JB58123
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------------|-----------|----|----------|-----|-----------|------------|------------------|
| JB58279-4MS | C188162.D | 1 | 01/23/14 | TDN | n/a | n/a | VC6831 |
| JB58279-4MSD | C188163.D | 1 | 01/23/14 | TDN | n/a | n/a | VC6831 |
| JB58279-4 | C188157.D | 1 | 01/23/14 | TDN | n/a | n/a | VC6831 |

The QC reported here applies to the following samples:

Method: SW846 8260C

JB58302-1, JB58302-2, JB58302-3, JB58302-4

| CAS No. | Compound | JB58279-4 ug/l | Spike Q ug/l | MS ug/l | MS % | MSD ug/l | MSD % | RPD | Limits Rec/RPD |
|------------|-----------------------------|-------------------|--------------------|------------|---------|-------------|----------|-----|-------------------|
| 67-64-1 | Acetone | ND | 50 | 53.8 | 108 | 51.0 | 102 | 5 | 45-157/19 |
| 71-43-2 | Benzene | ND | 50 | 46.6 | 93 | 45.8 | 92 | 2 | 49-138/12 |
| 74-97-5 | Bromochloromethane | ND | 50 | 51.0 | 102 | 50.0 | 100 | 2 | 75-130/12 |
| 75-27-4 | Bromodichloromethane | ND | 50 | 47.2 | 94 | 46.9 | 94 | 1 | 73-132/13 |
| 75-25-2 | Bromoform | ND | 50 | 44.5 | 89 | 44.4 | 89 | 0 | 61-138/13 |
| 74-83-9 | Bromomethane | ND | 50 | 51.9 | 104 | 50.4 | 101 | 3 | 49-146/18 |
| 78-93-3 | 2-Butanone (MEK) | ND | 50 | 50.0 | 100 | 47.2 | 94 | 6 | 58-144/14 |
| 75-15-0 | Carbon disulfide | ND | 50 | 46.2 | 92 | 45.1 | 90 | 2 | 47-140/18 |
| 56-23-5 | Carbon tetrachloride | ND | 50 | 48.0 | 96 | 46.2 | 92 | 4 | 57-147/16 |
| 108-90-7 | Chlorobenzene | ND | 50 | 44.9 | 90 | 44.2 | 88 | 2 | 69-129/12 |
| 75-00-3 | Chloroethane | ND | 50 | 54.5 | 109 | 52.0 | 104 | 5 | 52-145/17 |
| 67-66-3 | Chloroform | ND | 50 | 47.2 | 94 | 46.1 | 92 | 2 | 68-131/13 |
| 74-87-3 | Chloromethane | ND | 50 | 48.8 | 98 | 48.3 | 97 | 1 | 43-145/17 |
| 110-82-7 | Cyclohexane | ND | 50 | 50.1 | 100 | 48.9 | 98 | 2 | 39-152/18 |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ND | 50 | 45.5 | 91 | 42.8 | 86 | 6 | 58-143/14 |
| 124-48-1 | Dibromochloromethane | ND | 50 | 46.1 | 92 | 45.9 | 92 | 0 | 71-131/12 |
| 106-93-4 | 1,2-Dibromoethane | ND | 50 | 45.3 | 91 | 45.0 | 90 | 1 | 72-130/12 |
| 95-50-1 | 1,2-Dichlorobenzene | ND | 50 | 44.8 | 90 | 44.0 | 88 | 2 | 71-128/12 |
| 541-73-1 | 1,3-Dichlorobenzene | ND | 50 | 45.2 | 90 | 44.7 | 89 | 1 | 70-128/13 |
| 106-46-7 | 1,4-Dichlorobenzene | ND | 50 | 44.6 | 89 | 44.1 | 88 | 1 | 70-126/12 |
| 75-71-8 | Dichlorodifluoromethane | ND | 50 | 56.5 | 113 | 55.3 | 111 | 2 | 35-161/21 |
| 75-34-3 | 1,1-Dichloroethane | ND | 50 | 46.4 | 93 | 45.4 | 91 | 2 | 64-136/14 |
| 107-06-2 | 1,2-Dichloroethane | ND | 50 | 47.2 | 94 | 46.2 | 92 | 2 | 69-138/12 |
| 75-35-4 | 1,1-Dichloroethene | ND | 50 | 46.1 | 92 | 45.1 | 90 | 2 | 50-141/17 |
| 156-59-2 | cis-1,2-Dichloroethene | ND | 50 | 43.8 | 88 | 43.1 | 86 | 2 | 60-135/13 |
| 156-60-5 | trans-1,2-Dichloroethene | ND | 50 | 42.4 | 85 | 42.1 | 84 | 1 | 58-134/15 |
| 78-87-5 | 1,2-Dichloropropane | ND | 50 | 46.9 | 94 | 46.3 | 93 | 1 | 69-132/12 |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 50 | 46.0 | 92 | 45.7 | 91 | 1 | 73-129/13 |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 50 | 44.7 | 89 | 44.8 | 90 | 0 | 72-129/13 |
| 100-41-4 | Ethylbenzene | 0.40 | 50 | 44.5 | 88 | 43.7 | 87 | 2 | 48-139/13 |
| 76-13-1 | Freon 113 | ND | 50 | 54.6 | 109 | 53.2 | 106 | 3 | 43-153/20 |
| 591-78-6 | 2-Hexanone | ND | 50 | 47.2 | 94 | 46.2 | 92 | 2 | 55-146/15 |
| 98-82-8 | Isopropylbenzene | 4.0 | 50 | 49.4 | 91 | 47.8 | 88 | 3 | 61-138/14 |
| 79-20-9 | Methyl Acetate | ND | 50 | 48.0 | 96 | 45.9 | 92 | 4 | 43-158/14 |
| 108-87-2 | Methylcyclohexane | 0.93 | 50 | 51.5 | 101 | 50.2 | 99 | 3 | 42-153/18 |
| 1634-04-4 | Methyl Tert Butyl Ether | 8.8 | 50 | 56.4 | 95 | 55.1 | 93 | 2 | 63-134/12 |

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JB58123
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------------|-----------|----|----------|-----|-----------|------------|------------------|
| JB58279-4MS | C188162.D | 1 | 01/23/14 | TDN | n/a | n/a | VC6831 |
| JB58279-4MSD | C188163.D | 1 | 01/23/14 | TDN | n/a | n/a | VC6831 |
| JB58279-4 | C188157.D | 1 | 01/23/14 | TDN | n/a | n/a | VC6831 |

The QC reported here applies to the following samples:

Method: SW846 8260C

JB58302-1, JB58302-2, JB58302-3, JB58302-4

| CAS No. | Compound | JB58279-4 ug/l | Spike Q ug/l | MS ug/l | MS % | MSD ug/l | MSD % | RPD | Limits Rec/RPD |
|-----------|----------------------------|-------------------|--------------------|------------|---------|-------------|----------|-----|-------------------|
| 108-10-1 | 4-Methyl-2-pentanone(MIBK) | ND | 50 | 46.6 | 93 | 44.9 | 90 | 4 | 62-144/13 |
| 75-09-2 | Methylene chloride | ND | 50 | 46.8 | 94 | 46.2 | 92 | 1 | 64-131/13 |
| 100-42-5 | Styrene | ND | 50 | 44.3 | 89 | 44.2 | 88 | 0 | 62-133/13 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 50 | 43.6 | 87 | 42.2 | 84 | 3 | 65-134/12 |
| 127-18-4 | Tetrachloroethene | ND | 50 | 46.5 | 93 | 46.0 | 92 | 1 | 53-144/15 |
| 108-88-3 | Toluene | ND | 50 | 46.4 | 93 | 46.4 | 93 | 0 | 54-138/13 |
| 87-61-6 | 1,2,3-Trichlorobenzene | ND | 50 | 44.6 | 89 | 43.8 | 88 | 2 | 55-142/15 |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | 50 | 45.7 | 91 | 44.7 | 89 | 2 | 64-138/14 |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 50 | 49.0 | 98 | 47.5 | 95 | 3 | 60-143/15 |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 50 | 45.0 | 90 | 45.1 | 90 | 0 | 71-130/12 |
| 79-01-6 | Trichloroethene | ND | 50 | 47.3 | 95 | 46.7 | 93 | 1 | 59-140/14 |
| 75-69-4 | Trichlorofluoromethane | ND | 50 | 57.1 | 114 | 53.7 | 107 | 6 | 50-158/20 |
| 75-01-4 | Vinyl chloride | ND | 50 | 52.5 | 105 | 51.2 | 102 | 3 | 41-151/18 |
| | m,p-Xylene | ND | 100 | 91.3 | 91 | 91.0 | 91 | 0 | 49-138/13 |
| 95-47-6 | o-Xylene | ND | 50 | 45.4 | 91 | 44.8 | 90 | 1 | 59-134/12 |
| 1330-20-7 | Xylene (total) | ND | 150 | 137 | 91 | 136 | 91 | 1 | 53-136/12 |

| CAS No. | Surrogate Recoveries | MS | MSD | JB58279-4 | Limits |
|------------|-----------------------|------|------|-----------|---------|
| 1868-53-7 | Dibromofluoromethane | 99% | 97% | 97% | 79-117% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 95% | 94% | 95% | 72-123% |
| 2037-26-5 | Toluene-D8 | 102% | 102% | 102% | 82-118% |
| 460-00-4 | 4-Bromofluorobenzene | 97% | 97% | 98% | 75-118% |

* = Outside of Control Limits.

Instrument Performance Check (BFB)

Job Number: JB58123
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| | | | |
|----------------|------------|-----------------|----------|
| Sample: | VC6815-BFB | Injection Date: | 01/13/14 |
| Lab File ID: | C187733.D | Injection Time: | 09:41 |
| Instrument ID: | GCMSC | | |

| m/e | Ion Abundance Criteria | Raw Abundance | % Relative Abundance | Pass/Fail |
|-----|------------------------------------|---------------|--------------------------|-----------|
| 50 | 15.0 - 40.0% of mass 95 | 20021 | 19.7 | Pass |
| 75 | 30.0 - 60.0% of mass 95 | 48949 | 48.3 | Pass |
| 95 | Base peak, 100% relative abundance | 101416 | 100.0 | Pass |
| 96 | 5.0 - 9.0% of mass 95 | 6718 | 6.62 | Pass |
| 173 | Less than 2.0% of mass 174 | 0 | 0.00 (0.00) ^a | Pass |
| 174 | 50.0 - 120.0% of mass 95 | 74024 | 73.0 | Pass |
| 175 | 5.0 - 9.0% of mass 174 | 6043 | 5.96 (8.16) ^a | Pass |
| 176 | 95.0 - 101.0% of mass 174 | 71320 | 70.3 (96.3) ^a | Pass |
| 177 | 5.0 - 9.0% of mass 176 | 4853 | 4.79 (6.80) ^b | Pass |

(a) Value is % of mass 174

(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

| Lab Sample ID | Lab File ID | Date Analyzed | Time Analyzed | Hours Lapsed | Client Sample ID |
|----------------|-------------|---------------|---------------|--------------|-----------------------------|
| VC6815-IC6815 | C187734.D | 01/13/14 | 10:14 | 00:33 | Initial cal 0.5 |
| VC6815-IC6815 | C187735.D | 01/13/14 | 10:40 | 00:59 | Initial cal 1 |
| VC6815-IC6815 | C187736.D | 01/13/14 | 11:07 | 01:26 | Initial cal 2 |
| VC6815-IC6815 | C187737.D | 01/13/14 | 11:33 | 01:52 | Initial cal 5 |
| VC6815-IC6815 | C187738.D | 01/13/14 | 12:00 | 02:19 | Initial cal 10 |
| VC6815-IC6815 | C187739.D | 01/13/14 | 12:26 | 02:45 | Initial cal 20 |
| VC6815-ICC6815 | C187740.D | 01/13/14 | 12:53 | 03:12 | Initial cal 50 |
| VC6815-IC6815 | C187741.D | 01/13/14 | 13:19 | 03:38 | Initial cal 100 |
| VC6815-IC6815 | C187742.D | 01/13/14 | 13:46 | 04:05 | Initial cal 200 |
| VC6815-ICV6815 | C187746.D | 01/13/14 | 17:09 | 07:28 | Initial cal verification 50 |

6.4.1

6

Instrument Performance Check (BFB)

Job Number: JB58123
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| | | | |
|----------------|------------|-----------------|----------|
| Sample: | VC6829-BFB | Injection Date: | 01/22/14 |
| Lab File ID: | C188099.D | Injection Time: | 08:37 |
| Instrument ID: | GCMSC | | |

| m/e | Ion Abundance Criteria | Raw Abundance | % Relative Abundance | Pass/Fail |
|-----|------------------------------------|---------------|--------------------------|-----------|
| 50 | 15.0 - 40.0% of mass 95 | 22266 | 19.5 | Pass |
| 75 | 30.0 - 60.0% of mass 95 | 54800 | 48.0 | Pass |
| 95 | Base peak, 100% relative abundance | 114173 | 100.0 | Pass |
| 96 | 5.0 - 9.0% of mass 95 | 7729 | 6.77 | Pass |
| 173 | Less than 2.0% of mass 174 | 0 | 0.00 (0.00) ^a | Pass |
| 174 | 50.0 - 120.0% of mass 95 | 77458 | 67.8 | Pass |
| 175 | 5.0 - 9.0% of mass 174 | 6080 | 5.33 (7.85) ^a | Pass |
| 176 | 95.0 - 101.0% of mass 174 | 74626 | 65.4 (96.3) ^a | Pass |
| 177 | 5.0 - 9.0% of mass 176 | 4992 | 4.37 (6.69) ^b | Pass |

(a) Value is % of mass 174

(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

| Lab Sample ID | Lab File ID | Date Analyzed | Time Analyzed | Hours Lapsed | Client Sample ID |
|---------------|-------------|---------------|---------------|--------------|---|
| VC6829-CC6815 | C188100.D | 01/22/14 | 09:10 | 00:33 | Continuing cal 20 |
| VC6829-MB1 | C188102.D | 01/22/14 | 11:11 | 02:34 | Method Blank |
| VC6829-BS | C188103.D | 01/22/14 | 11:41 | 03:04 | Blank Spike |
| JB58123-1 | C188105.D | 01/22/14 | 12:34 | 03:57 | TW-2 |
| JB58123-2 | C188106.D | 01/22/14 | 13:00 | 04:23 | TW-4 |
| JB57769-8 | C188107.D | 01/22/14 | 13:27 | 04:50 | (used for QC only; not part of job JB58123) |
| ZZZZZZ | C188108.D | 01/22/14 | 13:53 | 05:16 | (unrelated sample) |
| ZZZZZZ | C188109.D | 01/22/14 | 14:20 | 05:43 | (unrelated sample) |
| ZZZZZZ | C188110.D | 01/22/14 | 14:47 | 06:10 | (unrelated sample) |
| ZZZZZZ | C188111.D | 01/22/14 | 15:13 | 06:36 | (unrelated sample) |
| ZZZZZZ | C188112.D | 01/22/14 | 15:40 | 07:03 | (unrelated sample) |
| ZZZZZZ | C188113.D | 01/22/14 | 16:06 | 07:29 | (unrelated sample) |
| JB57769-8MS | C188114.D | 01/22/14 | 16:33 | 07:56 | Matrix Spike |
| JB57769-8MSD | C188115.D | 01/22/14 | 17:00 | 08:23 | Matrix Spike Duplicate |
| ZZZZZZ | C188117.D | 01/22/14 | 17:53 | 09:16 | (unrelated sample) |
| ZZZZZZ | C188118.D | 01/22/14 | 18:19 | 09:42 | (unrelated sample) |
| ZZZZZZ | C188120.D | 01/22/14 | 19:13 | 10:36 | (unrelated sample) |
| ZZZZZZ | C188121.D | 01/22/14 | 19:39 | 11:02 | (unrelated sample) |
| ZZZZZZ | C188122.D | 01/22/14 | 20:06 | 11:29 | (unrelated sample) |
| ZZZZZZ | C188123.D | 01/22/14 | 20:32 | 11:55 | (unrelated sample) |

Instrument Performance Check (BFB)

Job Number: JB58123
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| | | | |
|----------------|------------|-----------------|----------|
| Sample: | VC6831-BFB | Injection Date: | 01/23/14 |
| Lab File ID: | C188151.D | Injection Time: | 09:41 |
| Instrument ID: | GCMSC | | |

| m/e | Ion Abundance Criteria | Raw Abundance | % Relative Abundance | Pass/Fail |
|-----|------------------------------------|---------------|--------------------------|-----------|
| 50 | 15.0 - 40.0% of mass 95 | 21314 | 18.8 | Pass |
| 75 | 30.0 - 60.0% of mass 95 | 53960 | 47.7 | Pass |
| 95 | Base peak, 100% relative abundance | 113122 | 100.0 | Pass |
| 96 | 5.0 - 9.0% of mass 95 | 7698 | 6.81 | Pass |
| 173 | Less than 2.0% of mass 174 | 0 | 0.00 (0.00) ^a | Pass |
| 174 | 50.0 - 120.0% of mass 95 | 80642 | 71.3 | Pass |
| 175 | 5.0 - 9.0% of mass 174 | 6072 | 5.37 (7.53) ^a | Pass |
| 176 | 95.0 - 101.0% of mass 174 | 78474 | 69.4 (97.3) ^a | Pass |
| 177 | 5.0 - 9.0% of mass 176 | 5258 | 4.65 (6.70) ^b | Pass |

(a) Value is % of mass 174

(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

| Lab Sample ID | Lab File ID | Date Analyzed | Time Analyzed | Hours Lapsed | Client Sample ID |
|---------------|-------------|---------------|---------------|--------------|---|
| VC6831-CC6815 | C188152.D | 01/23/14 | 10:11 | 00:30 | Continuing cal 20 |
| VC6831-MB1 | C188154.D | 01/23/14 | 11:24 | 01:43 | Method Blank |
| VC6831-BS | C188155.D | 01/23/14 | 12:00 | 02:19 | Blank Spike |
| JB58279-4 | C188157.D | 01/23/14 | 12:53 | 03:12 | (used for QC only; not part of job JB58123) |
| ZZZZZZ | C188158.D | 01/23/14 | 13:19 | 03:38 | (unrelated sample) |
| ZZZZZZ | C188159.D | 01/23/14 | 13:46 | 04:05 | (unrelated sample) |
| ZZZZZZ | C188160.D | 01/23/14 | 14:12 | 04:31 | (unrelated sample) |
| JB58279-4MS | C188162.D | 01/23/14 | 15:06 | 05:25 | Matrix Spike |
| JB58279-4MSD | C188163.D | 01/23/14 | 15:32 | 05:51 | Matrix Spike Duplicate |
| ZZZZZZ | C188165.D | 01/23/14 | 16:25 | 06:44 | (unrelated sample) |
| ZZZZZZ | C188166.D | 01/23/14 | 16:52 | 07:11 | (unrelated sample) |
| ZZZZZZ | C188167.D | 01/23/14 | 17:18 | 07:37 | (unrelated sample) |
| ZZZZZZ | C188168.D | 01/23/14 | 17:45 | 08:04 | (unrelated sample) |
| ZZZZZZ | C188169.D | 01/23/14 | 18:11 | 08:30 | (unrelated sample) |
| ZZZZZZ | C188170.D | 01/23/14 | 18:38 | 08:57 | (unrelated sample) |
| ZZZZZZ | C188171.D | 01/23/14 | 19:04 | 09:23 | (unrelated sample) |
| ZZZZZZ | C188172.D | 01/23/14 | 19:31 | 09:50 | (unrelated sample) |

Instrument Performance Check (BFB)

Job Number: JB58123
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| | | | |
|----------------|------------|-----------------|----------|
| Sample: | VC6831-BFB | Injection Date: | 01/23/14 |
| Lab File ID: | C188173.D | Injection Time: | 20:24 |
| Instrument ID: | GCMSC | | |

| m/e | Ion Abundance Criteria | Raw Abundance | % Relative Abundance | Pass/Fail |
|-----|------------------------------------|---------------|--------------------------|-----------|
| 50 | 15.0 - 40.0% of mass 95 | 21874 | 18.7 | Pass |
| 75 | 30.0 - 60.0% of mass 95 | 55717 | 47.5 | Pass |
| 95 | Base peak, 100% relative abundance | 117216 | 100.0 | Pass |
| 96 | 5.0 - 9.0% of mass 95 | 7754 | 6.62 | Pass |
| 173 | Less than 2.0% of mass 174 | 0 | 0.00 (0.00) ^a | Pass |
| 174 | 50.0 - 120.0% of mass 95 | 85285 | 72.8 | Pass |
| 175 | 5.0 - 9.0% of mass 174 | 6526 | 5.57 (7.65) ^a | Pass |
| 176 | 95.0 - 101.0% of mass 174 | 83181 | 71.0 (97.5) ^a | Pass |
| 177 | 5.0 - 9.0% of mass 176 | 5527 | 4.72 (6.64) ^b | Pass |

(a) Value is % of mass 174

(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

| Lab Sample ID | Lab File ID | Date Analyzed | Time Analyzed | Hours Lapsed | Client Sample ID |
|---------------|-------------|---------------|---------------|--------------|---|
| VC6831-CC6815 | C188174.D | 01/23/14 | 20:51 | 00:27 | Continuing cal 50 |
| VC6831-MB2 | C188176.D | 01/23/14 | 21:44 | 01:20 | Method Blank |
| ZZZZZZ | C188177.D | 01/23/14 | 22:10 | 01:46 | (unrelated sample) |
| ZZZZZZ | C188178.D | 01/23/14 | 22:37 | 02:13 | (unrelated sample) |
| JB58302-4 | C188179.D | 01/23/14 | 23:03 | 02:39 | TRIP BLANK |
| JB58302-3 | C188180.D | 01/23/14 | 23:30 | 03:06 | TW-3 |
| JB58302-1 | C188181.D | 01/23/14 | 23:57 | 03:33 | TW-1 |
| JB58302-2 | C188182.D | 01/24/14 | 00:23 | 03:59 | TW-1B |
| ZZZZZZ | C188183.D | 01/24/14 | 00:50 | 04:26 | (unrelated sample) |
| VC6832-MB1 | C188186.D | 01/24/14 | 02:10 | 05:46 | Method Blank |
| VC6832-BS | C188187.D | 01/24/14 | 02:36 | 06:12 | Blank Spike |
| JB58213-5 | C188188.D | 01/24/14 | 03:03 | 06:39 | (used for QC only; not part of job JB58123) |
| JB58213-5 | C188189.D | 01/24/14 | 03:29 | 07:05 | (used for QC only; not part of job JB58123) |
| JB58213-5MS | C188190.D | 01/24/14 | 03:56 | 07:32 | Matrix Spike |
| JB58213-5MSD | C188191.D | 01/24/14 | 04:22 | 07:58 | Matrix Spike Duplicate |
| ZZZZZZ | C188193.D | 01/24/14 | 05:15 | 08:51 | (unrelated sample) |
| ZZZZZZ | C188195.D | 01/24/14 | 06:09 | 09:45 | (unrelated sample) |
| ZZZZZZ | C188196.D | 01/24/14 | 06:35 | 10:11 | (unrelated sample) |
| ZZZZZZ | C188197.D | 01/24/14 | 07:02 | 10:38 | (unrelated sample) |
| ZZZZZZ | C188198.D | 01/24/14 | 07:28 | 11:04 | (unrelated sample) |

Volatile Surrogate Recovery Summary

Job Number: JB58123
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| | |
|---------------------|------------|
| Method: SW846 8260C | Matrix: AQ |
|---------------------|------------|

Samples and QC shown here apply to the above method

| Lab Sample ID | Lab File ID | S1 | S2 | S3 | S4 |
|---------------|-------------|-------|------|-------|-------|
| JB58123-1 | C188105.D | 96.0 | 94.0 | 102.0 | 100.0 |
| JB58123-2 | C188106.D | 96.0 | 94.0 | 102.0 | 98.0 |
| JB58302-1 | C188181.D | 98.0 | 96.0 | 102.0 | 97.0 |
| JB58302-2 | C188182.D | 99.0 | 97.0 | 103.0 | 97.0 |
| JB58302-3 | C188180.D | 97.0 | 97.0 | 102.0 | 98.0 |
| JB58302-4 | C188179.D | 97.0 | 96.0 | 102.0 | 98.0 |
| JB57769-8MS | C188114.D | 98.0 | 95.0 | 102.0 | 98.0 |
| JB57769-8MSD | C188115.D | 97.0 | 94.0 | 103.0 | 98.0 |
| JB58279-4MS | C188162.D | 99.0 | 95.0 | 102.0 | 97.0 |
| JB58279-4MSD | C188163.D | 97.0 | 94.0 | 102.0 | 97.0 |
| VC6829-BS | C188103.D | 101.0 | 97.0 | 100.0 | 97.0 |
| VC6829-MB1 | C188102.D | 97.0 | 95.0 | 100.0 | 97.0 |
| VC6831-BS | C188155.D | 100.0 | 98.0 | 102.0 | 97.0 |
| VC6831-MB2 | C188176.D | 96.0 | 94.0 | 103.0 | 98.0 |
| VC6831-MB1 | C188154.D | 101.0 | 99.0 | 99.0 | 94.0 |

| Surrogate Compounds | Recovery Limits |
|----------------------------|-----------------|
| S1 = Dibromofluoromethane | 79-117% |
| S2 = 1,2-Dichloroethane-D4 | 72-123% |
| S3 = Toluene-D8 | 82-118% |
| S4 = 4-Bromofluorobenzene | 75-118% |

6.5.1
6

GC/MS Semi-volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Instrument Performance Checks (DFTPP)
- Surrogate Recovery Summaries

Method Blank Summary

Job Number: JB58123
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|-----------|----|----------|----|-----------|------------|------------------|
| OP72120-MB1 | M101231.D | 1 | 01/21/14 | KR | 01/20/14 | OP72120 | EM4122 |

The QC reported here applies to the following samples:

Method: SW846 8270D

JB58123-1, JB58123-2

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|----------------------------|--------|-----|------|-------|---|
| 95-57-8 | 2-Chlorophenol | ND | 5.0 | 0.97 | ug/l | |
| 59-50-7 | 4-Chloro-3-methyl phenol | ND | 5.0 | 1.8 | ug/l | |
| 120-83-2 | 2,4-Dichlorophenol | ND | 2.0 | 1.2 | ug/l | |
| 105-67-9 | 2,4-Dimethylphenol | ND | 5.0 | 1.5 | ug/l | |
| 51-28-5 | 2,4-Dinitrophenol | ND | 20 | 17 | ug/l | |
| 534-52-1 | 4,6-Dinitro-o-cresol | ND | 20 | 0.99 | ug/l | |
| 95-48-7 | 2-Methylphenol | ND | 2.0 | 1.0 | ug/l | |
| | 3&4-Methylphenol | ND | 2.0 | 0.93 | ug/l | |
| 88-75-5 | 2-Nitrophenol | ND | 5.0 | 1.5 | ug/l | |
| 100-02-7 | 4-Nitrophenol | ND | 10 | 5.2 | ug/l | |
| 87-86-5 | Pentachlorophenol | ND | 10 | 1.4 | ug/l | |
| 108-95-2 | Phenol | ND | 2.0 | 1.3 | ug/l | |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | ND | 5.0 | 0.94 | ug/l | |
| 95-95-4 | 2,4,5-Trichlorophenol | ND | 5.0 | 1.6 | ug/l | |
| 88-06-2 | 2,4,6-Trichlorophenol | ND | 5.0 | 1.3 | ug/l | |
| 83-32-9 | Acenaphthene | ND | 1.0 | 0.26 | ug/l | |
| 208-96-8 | Acenaphthylene | ND | 1.0 | 0.23 | ug/l | |
| 98-86-2 | Acetophenone | ND | 2.0 | 0.29 | ug/l | |
| 120-12-7 | Anthracene | ND | 1.0 | 0.29 | ug/l | |
| 1912-24-9 | Atrazine | ND | 2.0 | 0.49 | ug/l | |
| 100-52-7 | Benzaldehyde | ND | 5.0 | 3.3 | ug/l | |
| 56-55-3 | Benzo(a)anthracene | ND | 1.0 | 0.23 | ug/l | |
| 50-32-8 | Benzo(a)pyrene | ND | 1.0 | 0.23 | ug/l | |
| 205-99-2 | Benzo(b)fluoranthene | ND | 1.0 | 0.46 | ug/l | |
| 191-24-2 | Benzo(g,h,i)perylene | ND | 1.0 | 0.32 | ug/l | |
| 207-08-9 | Benzo(k)fluoranthene | ND | 1.0 | 0.51 | ug/l | |
| 101-55-3 | 4-Bromophenyl phenyl ether | ND | 2.0 | 0.36 | ug/l | |
| 85-68-7 | Butyl benzyl phthalate | ND | 2.0 | 0.29 | ug/l | |
| 92-52-4 | 1,1'-Biphenyl | ND | 1.0 | 0.30 | ug/l | |
| 91-58-7 | 2-Chloronaphthalene | ND | 2.0 | 0.30 | ug/l | |
| 106-47-8 | 4-Chloroaniline | ND | 5.0 | 0.53 | ug/l | |
| 86-74-8 | Carbazole | ND | 1.0 | 0.36 | ug/l | |
| 105-60-2 | Caprolactam | ND | 2.0 | 0.69 | ug/l | |
| 218-01-9 | Chrysene | ND | 1.0 | 0.29 | ug/l | |
| 111-91-1 | bis(2-Chloroethoxy)methane | ND | 2.0 | 0.31 | ug/l | |
| 111-44-4 | bis(2-Chloroethyl)ether | ND | 2.0 | 0.31 | ug/l | |

7.1.1
7

Method Blank Summary

Job Number: JB58123
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|-----------|----|----------|----|-----------|------------|------------------|
| OP72120-MB1 | M101231.D | 1 | 01/21/14 | KR | 01/20/14 | OP72120 | EM4122 |

The QC reported here applies to the following samples:

Method: SW846 8270D

JB58123-1, JB58123-2

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|-----------------------------|--------|-----|------|-------|---|
| 108-60-1 | bis(2-Chloroisopropyl)ether | ND | 2.0 | 0.45 | ug/l | |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | ND | 2.0 | 0.31 | ug/l | |
| 121-14-2 | 2,4-Dinitrotoluene | ND | 1.0 | 0.43 | ug/l | |
| 606-20-2 | 2,6-Dinitrotoluene | ND | 1.0 | 0.46 | ug/l | |
| 91-94-1 | 3,3'-Dichlorobenzidine | ND | 2.0 | 0.36 | ug/l | |
| 123-91-1 | 1,4-Dioxane | ND | 1.0 | 0.27 | ug/l | |
| 53-70-3 | Dibenzo(a,h)anthracene | ND | 1.0 | 0.38 | ug/l | |
| 132-64-9 | Dibenzofuran | ND | 5.0 | 0.27 | ug/l | |
| 84-74-2 | Di-n-butyl phthalate | ND | 2.0 | 0.56 | ug/l | |
| 117-84-0 | Di-n-octyl phthalate | ND | 2.0 | 0.31 | ug/l | |
| 84-66-2 | Diethyl phthalate | ND | 2.0 | 0.33 | ug/l | |
| 131-11-3 | Dimethyl phthalate | ND | 2.0 | 0.28 | ug/l | |
| 117-81-7 | bis(2-Ethylhexyl)phthalate | 0.99 | 2.0 | 0.59 | ug/l | J |
| 206-44-0 | Fluoranthene | ND | 1.0 | 0.32 | ug/l | |
| 86-73-7 | Fluorene | ND | 1.0 | 0.28 | ug/l | |
| 118-74-1 | Hexachlorobenzene | ND | 1.0 | 0.34 | ug/l | |
| 87-68-3 | Hexachlorobutadiene | ND | 1.0 | 0.51 | ug/l | |
| 77-47-4 | Hexachlorocyclopentadiene | ND | 10 | 7.1 | ug/l | |
| 67-72-1 | Hexachloroethane | ND | 2.0 | 0.55 | ug/l | |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | ND | 1.0 | 0.37 | ug/l | |
| 78-59-1 | Isophorone | ND | 2.0 | 0.27 | ug/l | |
| 91-57-6 | 2-Methylnaphthalene | ND | 1.0 | 0.38 | ug/l | |
| 88-74-4 | 2-Nitroaniline | ND | 5.0 | 1.1 | ug/l | |
| 99-09-2 | 3-Nitroaniline | ND | 5.0 | 1.3 | ug/l | |
| 100-01-6 | 4-Nitroaniline | ND | 5.0 | 1.7 | ug/l | |
| 91-20-3 | Naphthalene | ND | 1.0 | 0.26 | ug/l | |
| 98-95-3 | Nitrobenzene | ND | 2.0 | 0.42 | ug/l | |
| 621-64-7 | N-Nitroso-di-n-propylamine | ND | 2.0 | 0.30 | ug/l | |
| 86-30-6 | N-Nitrosodiphenylamine | ND | 5.0 | 0.31 | ug/l | |
| 85-01-8 | Phenanthrene | ND | 1.0 | 0.29 | ug/l | |
| 129-00-0 | Pyrene | ND | 1.0 | 0.27 | ug/l | |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | ND | 2.0 | 0.31 | ug/l | |

7.1.1
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Method Blank Summary

Job Number: JB58123
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|-----------|----|----------|----|-----------|------------|------------------|
| OP72120-MB1 | M101231.D | 1 | 01/21/14 | KR | 01/20/14 | OP72120 | EM4122 |

The QC reported here applies to the following samples:

Method: SW846 8270D

JB58123-1, JB58123-2

| CAS No. | Surrogate Recoveries | Limits |
|-----------|----------------------|--------------|
| 367-12-4 | 2-Fluorophenol | 47% 10-110% |
| 4165-62-2 | Phenol-d5 | 29% 10-110% |
| 118-79-6 | 2,4,6-Tribromophenol | 101% 29-139% |
| 4165-60-0 | Nitrobenzene-d5 | 86% 28-131% |
| 321-60-8 | 2-Fluorobiphenyl | 79% 30-121% |
| 1718-51-0 | Terphenyl-d14 | 86% 16-147% |

| CAS No. | Tentatively Identified Compounds | R.T. | Est. Conc. | Units | Q |
|---------|------------------------------------|------|------------|-------|---|
| | system artifact | 2.13 | 4.4 | ug/l | J |
| | system artifact | 2.34 | 5.9 | ug/l | J |
| | system artifact/aldol-condensation | 3.60 | 24 | ug/l | J |
| | Total TIC, Semi-Volatile | | 0 | ug/l | |

7.1.1
7

Method Blank Summary

Job Number: JB58123
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|-----------|----|----------|----|-----------|------------|------------------|
| OP72181-MB1 | 3P28764.D | 1 | 01/23/14 | CH | 01/23/14 | OP72181 | E3P1217 |

The QC reported here applies to the following samples:

Method: SW846 8270D

JB58302-1

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|----------------------------|--------|-----|------|-------|---|
| 95-57-8 | 2-Chlorophenol | ND | 5.0 | 0.97 | ug/l | |
| 59-50-7 | 4-Chloro-3-methyl phenol | ND | 5.0 | 1.8 | ug/l | |
| 120-83-2 | 2,4-Dichlorophenol | ND | 2.0 | 1.2 | ug/l | |
| 105-67-9 | 2,4-Dimethylphenol | ND | 5.0 | 1.5 | ug/l | |
| 51-28-5 | 2,4-Dinitrophenol | ND | 20 | 17 | ug/l | |
| 534-52-1 | 4,6-Dinitro-o-cresol | ND | 20 | 0.99 | ug/l | |
| 95-48-7 | 2-Methylphenol | ND | 2.0 | 1.0 | ug/l | |
| | 3&4-Methylphenol | ND | 2.0 | 0.93 | ug/l | |
| 88-75-5 | 2-Nitrophenol | ND | 5.0 | 1.5 | ug/l | |
| 100-02-7 | 4-Nitrophenol | ND | 10 | 5.2 | ug/l | |
| 87-86-5 | Pentachlorophenol | ND | 10 | 1.4 | ug/l | |
| 108-95-2 | Phenol | ND | 2.0 | 1.3 | ug/l | |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | ND | 5.0 | 0.94 | ug/l | |
| 95-95-4 | 2,4,5-Trichlorophenol | ND | 5.0 | 1.6 | ug/l | |
| 88-06-2 | 2,4,6-Trichlorophenol | ND | 5.0 | 1.3 | ug/l | |
| 83-32-9 | Acenaphthene | ND | 1.0 | 0.26 | ug/l | |
| 208-96-8 | Acenaphthylene | ND | 1.0 | 0.23 | ug/l | |
| 98-86-2 | Acetophenone | ND | 2.0 | 0.29 | ug/l | |
| 120-12-7 | Anthracene | ND | 1.0 | 0.29 | ug/l | |
| 1912-24-9 | Atrazine | ND | 2.0 | 0.49 | ug/l | |
| 100-52-7 | Benzaldehyde | ND | 5.0 | 3.3 | ug/l | |
| 56-55-3 | Benzo(a)anthracene | ND | 1.0 | 0.23 | ug/l | |
| 50-32-8 | Benzo(a)pyrene | ND | 1.0 | 0.23 | ug/l | |
| 205-99-2 | Benzo(b)fluoranthene | ND | 1.0 | 0.46 | ug/l | |
| 191-24-2 | Benzo(g,h,i)perylene | ND | 1.0 | 0.32 | ug/l | |
| 207-08-9 | Benzo(k)fluoranthene | ND | 1.0 | 0.51 | ug/l | |
| 101-55-3 | 4-Bromophenyl phenyl ether | ND | 2.0 | 0.36 | ug/l | |
| 85-68-7 | Butyl benzyl phthalate | ND | 2.0 | 0.29 | ug/l | |
| 92-52-4 | 1,1'-Biphenyl | ND | 1.0 | 0.30 | ug/l | |
| 91-58-7 | 2-Chloronaphthalene | ND | 2.0 | 0.30 | ug/l | |
| 106-47-8 | 4-Chloroaniline | ND | 5.0 | 0.53 | ug/l | |
| 86-74-8 | Carbazole | ND | 1.0 | 0.36 | ug/l | |
| 105-60-2 | Caprolactam | ND | 2.0 | 0.69 | ug/l | |
| 218-01-9 | Chrysene | ND | 1.0 | 0.29 | ug/l | |
| 111-91-1 | bis(2-Chloroethoxy)methane | ND | 2.0 | 0.31 | ug/l | |
| 111-44-4 | bis(2-Chloroethyl)ether | ND | 2.0 | 0.31 | ug/l | |

7.1.2
7

Method Blank Summary

Job Number: JB58123
Account: AKRFNYNY AKRF
Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|-----------|----|----------|----|-----------|------------|------------------|
| OP72181-MB1 | 3P28764.D | 1 | 01/23/14 | CH | 01/23/14 | OP72181 | E3P1217 |

The QC reported here applies to the following samples:

Method: SW846 8270D

JB58302-1

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|-----------------------------|--------|-----|------|-------|---|
| 108-60-1 | bis(2-Chloroisopropyl)ether | ND | 2.0 | 0.45 | ug/l | |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | ND | 2.0 | 0.31 | ug/l | |
| 121-14-2 | 2,4-Dinitrotoluene | ND | 1.0 | 0.43 | ug/l | |
| 606-20-2 | 2,6-Dinitrotoluene | ND | 1.0 | 0.46 | ug/l | |
| 91-94-1 | 3,3'-Dichlorobenzidine | ND | 2.0 | 0.36 | ug/l | |
| 123-91-1 | 1,4-Dioxane | ND | 1.0 | 0.27 | ug/l | |
| 53-70-3 | Dibenzo(a,h)anthracene | ND | 1.0 | 0.38 | ug/l | |
| 132-64-9 | Dibenzofuran | ND | 5.0 | 0.27 | ug/l | |
| 84-74-2 | Di-n-butyl phthalate | ND | 2.0 | 0.56 | ug/l | |
| 117-84-0 | Di-n-octyl phthalate | ND | 2.0 | 0.31 | ug/l | |
| 84-66-2 | Diethyl phthalate | ND | 2.0 | 0.33 | ug/l | |
| 131-11-3 | Dimethyl phthalate | ND | 2.0 | 0.28 | ug/l | |
| 117-81-7 | bis(2-Ethylhexyl)phthalate | ND | 2.0 | 0.59 | ug/l | |
| 206-44-0 | Fluoranthene | ND | 1.0 | 0.32 | ug/l | |
| 86-73-7 | Fluorene | ND | 1.0 | 0.28 | ug/l | |
| 118-74-1 | Hexachlorobenzene | ND | 1.0 | 0.34 | ug/l | |
| 87-68-3 | Hexachlorobutadiene | ND | 1.0 | 0.51 | ug/l | |
| 77-47-4 | Hexachlorocyclopentadiene | ND | 10 | 7.1 | ug/l | |
| 67-72-1 | Hexachloroethane | ND | 2.0 | 0.55 | ug/l | |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | ND | 1.0 | 0.37 | ug/l | |
| 78-59-1 | Isophorone | ND | 2.0 | 0.27 | ug/l | |
| 91-57-6 | 2-Methylnaphthalene | ND | 1.0 | 0.38 | ug/l | |
| 88-74-4 | 2-Nitroaniline | ND | 5.0 | 1.1 | ug/l | |
| 99-09-2 | 3-Nitroaniline | ND | 5.0 | 1.3 | ug/l | |
| 100-01-6 | 4-Nitroaniline | ND | 5.0 | 1.7 | ug/l | |
| 91-20-3 | Naphthalene | ND | 1.0 | 0.26 | ug/l | |
| 98-95-3 | Nitrobenzene | ND | 2.0 | 0.42 | ug/l | |
| 621-64-7 | N-Nitroso-di-n-propylamine | ND | 2.0 | 0.30 | ug/l | |
| 86-30-6 | N-Nitrosodiphenylamine | ND | 5.0 | 0.31 | ug/l | |
| 85-01-8 | Phenanthrene | ND | 1.0 | 0.29 | ug/l | |
| 129-00-0 | Pyrene | ND | 1.0 | 0.27 | ug/l | |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | ND | 2.0 | 0.31 | ug/l | |

Method Blank Summary

Job Number: JB58123
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|-----------|----|----------|----|-----------|------------|------------------|
| OP72181-MB1 | 3P28764.D | 1 | 01/23/14 | CH | 01/23/14 | OP72181 | E3P1217 |

The QC reported here applies to the following samples:

Method: SW846 8270D

JB58302-1

| CAS No. | Surrogate Recoveries | Limits |
|-----------|----------------------|-------------|
| 367-12-4 | 2-Fluorophenol | 38% 10-110% |
| 4165-62-2 | Phenol-d5 | 23% 10-110% |
| 118-79-6 | 2,4,6-Tribromophenol | 87% 29-139% |
| 4165-60-0 | Nitrobenzene-d5 | 76% 28-131% |
| 321-60-8 | 2-Fluorobiphenyl | 79% 30-121% |
| 1718-51-0 | Terphenyl-d14 | 93% 16-147% |

| CAS No. | Tentatively Identified Compounds | R.T. | Est. Conc. | Units | Q |
|---------|------------------------------------|------|------------|-------|---|
| | system artifact/aldol-condensation | 3.45 | 16 | ug/l | J |
| | Total TIC, Semi-Volatile | | 0 | ug/l | |

7.1.2

7

Method Blank Summary

Job Number: JB58123
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|-----------|----|----------|----|-----------|------------|------------------|
| OP72256-MB1 | M101359.D | 1 | 01/27/14 | KR | 01/27/14 | OP72256 | EM4129 |

The QC reported here applies to the following samples:

Method: SW846 8270D

JB58302-2, JB58302-3

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|----------------------------|--------|-----|------|-------|---|
| 95-57-8 | 2-Chlorophenol | ND | 5.0 | 0.97 | ug/l | |
| 59-50-7 | 4-Chloro-3-methyl phenol | ND | 5.0 | 1.8 | ug/l | |
| 120-83-2 | 2,4-Dichlorophenol | ND | 2.0 | 1.2 | ug/l | |
| 105-67-9 | 2,4-Dimethylphenol | ND | 5.0 | 1.5 | ug/l | |
| 51-28-5 | 2,4-Dinitrophenol | ND | 20 | 17 | ug/l | |
| 534-52-1 | 4,6-Dinitro-o-cresol | ND | 20 | 0.99 | ug/l | |
| 95-48-7 | 2-Methylphenol | ND | 2.0 | 1.0 | ug/l | |
| | 3&4-Methylphenol | ND | 2.0 | 0.93 | ug/l | |
| 88-75-5 | 2-Nitrophenol | ND | 5.0 | 1.5 | ug/l | |
| 100-02-7 | 4-Nitrophenol | ND | 10 | 5.2 | ug/l | |
| 87-86-5 | Pentachlorophenol | ND | 10 | 1.4 | ug/l | |
| 108-95-2 | Phenol | ND | 2.0 | 1.3 | ug/l | |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | ND | 5.0 | 0.94 | ug/l | |
| 95-95-4 | 2,4,5-Trichlorophenol | ND | 5.0 | 1.6 | ug/l | |
| 88-06-2 | 2,4,6-Trichlorophenol | ND | 5.0 | 1.3 | ug/l | |
| 83-32-9 | Acenaphthene | ND | 1.0 | 0.26 | ug/l | |
| 208-96-8 | Acenaphthylene | ND | 1.0 | 0.23 | ug/l | |
| 98-86-2 | Acetophenone | ND | 2.0 | 0.29 | ug/l | |
| 120-12-7 | Anthracene | ND | 1.0 | 0.29 | ug/l | |
| 1912-24-9 | Atrazine | ND | 2.0 | 0.49 | ug/l | |
| 100-52-7 | Benzaldehyde | ND | 5.0 | 3.3 | ug/l | |
| 56-55-3 | Benzo(a)anthracene | ND | 1.0 | 0.23 | ug/l | |
| 50-32-8 | Benzo(a)pyrene | ND | 1.0 | 0.23 | ug/l | |
| 205-99-2 | Benzo(b)fluoranthene | ND | 1.0 | 0.46 | ug/l | |
| 191-24-2 | Benzo(g,h,i)perylene | ND | 1.0 | 0.32 | ug/l | |
| 207-08-9 | Benzo(k)fluoranthene | ND | 1.0 | 0.51 | ug/l | |
| 101-55-3 | 4-Bromophenyl phenyl ether | ND | 2.0 | 0.36 | ug/l | |
| 85-68-7 | Butyl benzyl phthalate | ND | 2.0 | 0.29 | ug/l | |
| 92-52-4 | 1,1'-Biphenyl | ND | 1.0 | 0.30 | ug/l | |
| 91-58-7 | 2-Chloronaphthalene | ND | 2.0 | 0.30 | ug/l | |
| 106-47-8 | 4-Chloroaniline | ND | 5.0 | 0.53 | ug/l | |
| 86-74-8 | Carbazole | ND | 1.0 | 0.36 | ug/l | |
| 105-60-2 | Caprolactam | ND | 2.0 | 0.69 | ug/l | |
| 218-01-9 | Chrysene | ND | 1.0 | 0.29 | ug/l | |
| 111-91-1 | bis(2-Chloroethoxy)methane | ND | 2.0 | 0.31 | ug/l | |
| 111-44-4 | bis(2-Chloroethyl)ether | ND | 2.0 | 0.31 | ug/l | |

Method Blank Summary

Job Number: JB58123
Account: AKRFNYNY AKRF
Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|-----------|----|----------|----|-----------|------------|------------------|
| OP72256-MB1 | M101359.D | 1 | 01/27/14 | KR | 01/27/14 | OP72256 | EM4129 |

The QC reported here applies to the following samples:

Method: SW846 8270D

JB58302-2, JB58302-3

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|-----------------------------|--------|-----|------|-------|---|
| 108-60-1 | bis(2-Chloroisopropyl)ether | ND | 2.0 | 0.45 | ug/l | |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | ND | 2.0 | 0.31 | ug/l | |
| 121-14-2 | 2,4-Dinitrotoluene | ND | 1.0 | 0.43 | ug/l | |
| 606-20-2 | 2,6-Dinitrotoluene | ND | 1.0 | 0.46 | ug/l | |
| 91-94-1 | 3,3'-Dichlorobenzidine | ND | 2.0 | 0.36 | ug/l | |
| 123-91-1 | 1,4-Dioxane | ND | 1.0 | 0.27 | ug/l | |
| 53-70-3 | Dibenzo(a,h)anthracene | ND | 1.0 | 0.38 | ug/l | |
| 132-64-9 | Dibenzofuran | ND | 5.0 | 0.27 | ug/l | |
| 84-74-2 | Di-n-butyl phthalate | ND | 2.0 | 0.56 | ug/l | |
| 117-84-0 | Di-n-octyl phthalate | ND | 2.0 | 0.31 | ug/l | |
| 84-66-2 | Diethyl phthalate | ND | 2.0 | 0.33 | ug/l | |
| 131-11-3 | Dimethyl phthalate | ND | 2.0 | 0.28 | ug/l | |
| 117-81-7 | bis(2-Ethylhexyl)phthalate | ND | 2.0 | 0.59 | ug/l | |
| 206-44-0 | Fluoranthene | ND | 1.0 | 0.32 | ug/l | |
| 86-73-7 | Fluorene | ND | 1.0 | 0.28 | ug/l | |
| 118-74-1 | Hexachlorobenzene | ND | 1.0 | 0.34 | ug/l | |
| 87-68-3 | Hexachlorobutadiene | ND | 1.0 | 0.51 | ug/l | |
| 77-47-4 | Hexachlorocyclopentadiene | ND | 10 | 7.1 | ug/l | |
| 67-72-1 | Hexachloroethane | ND | 2.0 | 0.55 | ug/l | |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | ND | 1.0 | 0.37 | ug/l | |
| 78-59-1 | Isophorone | ND | 2.0 | 0.27 | ug/l | |
| 91-57-6 | 2-Methylnaphthalene | ND | 1.0 | 0.38 | ug/l | |
| 88-74-4 | 2-Nitroaniline | ND | 5.0 | 1.1 | ug/l | |
| 99-09-2 | 3-Nitroaniline | ND | 5.0 | 1.3 | ug/l | |
| 100-01-6 | 4-Nitroaniline | ND | 5.0 | 1.7 | ug/l | |
| 91-20-3 | Naphthalene | ND | 1.0 | 0.26 | ug/l | |
| 98-95-3 | Nitrobenzene | ND | 2.0 | 0.42 | ug/l | |
| 621-64-7 | N-Nitroso-di-n-propylamine | ND | 2.0 | 0.30 | ug/l | |
| 86-30-6 | N-Nitrosodiphenylamine | ND | 5.0 | 0.31 | ug/l | |
| 85-01-8 | Phenanthrene | ND | 1.0 | 0.29 | ug/l | |
| 129-00-0 | Pyrene | ND | 1.0 | 0.27 | ug/l | |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | ND | 2.0 | 0.31 | ug/l | |

Method Blank Summary

Job Number: JB58123
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|-----------|----|----------|----|-----------|------------|------------------|
| OP72256-MB1 | M101359.D | 1 | 01/27/14 | KR | 01/27/14 | OP72256 | EM4129 |

The QC reported here applies to the following samples:

Method: SW846 8270D

JB58302-2, JB58302-3

| CAS No. | Surrogate Recoveries | Limits |
|-----------|----------------------|-------------|
| 367-12-4 | 2-Fluorophenol | 49% 10-110% |
| 4165-62-2 | Phenol-d5 | 29% 10-110% |
| 118-79-6 | 2,4,6-Tribromophenol | 85% 29-139% |
| 4165-60-0 | Nitrobenzene-d5 | 91% 28-131% |
| 321-60-8 | 2-Fluorobiphenyl | 89% 30-121% |
| 1718-51-0 | Terphenyl-d14 | 84% 16-147% |

| CAS No. | Tentatively Identified Compounds | R.T. | Est. Conc. | Units | Q |
|---------|--------------------------------------|-------|------------|-------|---|
| | system artifact/aldol-condensation | 3.56 | 7.8 | ug/l | J |
| | Internal standard added for SIM test | 4.95 | 4.2 | ug/l | J |
| | Internal standard added for SIM test | 6.92 | 4.2 | ug/l | J |
| | Internal standard added for SIM te | 9.24 | 4.2 | ug/l | J |
| | unknown | 17.95 | 6.2 | ug/l | J |
| | Total TIC, Semi-Volatile | | 6.2 | ug/l | J |

Blank Spike Summary

Job Number: JB58123
Account: AKRFNYNY AKRF
Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|-----------|----|----------|----|-----------|------------|------------------|
| OP72120-BS1 | M101232.D | 1 | 01/21/14 | KR | 01/20/14 | OP72120 | EM4122 |

The QC reported here applies to the following samples:

Method: SW846 8270D

JB58123-1, JB58123-2

| CAS No. | Compound | Spike ug/l | BSP ug/l | BSP % | Limits |
|-----------|----------------------------|---------------|-------------|----------|--------|
| 95-57-8 | 2-Chlorophenol | 50 | 38.0 | 76 | 42-110 |
| 59-50-7 | 4-Chloro-3-methyl phenol | 50 | 41.7 | 83 | 49-120 |
| 120-83-2 | 2,4-Dichlorophenol | 50 | 44.9 | 90 | 47-114 |
| 105-67-9 | 2,4-Dimethylphenol | 50 | 39.7 | 79 | 48-129 |
| 51-28-5 | 2,4-Dinitrophenol | 100 | 82.4 | 82 | 26-153 |
| 534-52-1 | 4,6-Dinitro-o-cresol | 50 | 41.5 | 83 | 44-132 |
| 95-48-7 | 2-Methylphenol | 50 | 35.1 | 70 | 39-110 |
| | 3&4-Methylphenol | 50 | 33.1 | 66 | 36-110 |
| 88-75-5 | 2-Nitrophenol | 50 | 47.2 | 94 | 45-110 |
| 100-02-7 | 4-Nitrophenol | 50 | 21.7 | 43 | 10-110 |
| 87-86-5 | Pentachlorophenol | 50 | 39.4 | 79 | 32-122 |
| 108-95-2 | Phenol | 50 | 17.0 | 34 | 10-110 |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 50 | 45.6 | 91 | 47-119 |
| 95-95-4 | 2,4,5-Trichlorophenol | 50 | 44.0 | 88 | 52-119 |
| 88-06-2 | 2,4,6-Trichlorophenol | 50 | 47.5 | 95 | 51-118 |
| 83-32-9 | Acenaphthene | 50 | 43.8 | 88 | 46-108 |
| 208-96-8 | Acenaphthylene | 50 | 38.8 | 78 | 44-101 |
| 98-86-2 | Acetophenone | 50 | 44.8 | 90 | 39-125 |
| 120-12-7 | Anthracene | 50 | 44.5 | 89 | 60-117 |
| 1912-24-9 | Atrazine | 50 | 54.8 | 110 | 58-153 |
| 100-52-7 | Benzaldehyde | 50 | 48.0 | 96 | 32-119 |
| 56-55-3 | Benzo(a)anthracene | 50 | 46.1 | 92 | 59-116 |
| 50-32-8 | Benzo(a)pyrene | 50 | 46.1 | 92 | 61-122 |
| 205-99-2 | Benzo(b)fluoranthene | 50 | 44.5 | 89 | 56-129 |
| 191-24-2 | Benzo(g,h,i)perylene | 50 | 47.6 | 95 | 54-126 |
| 207-08-9 | Benzo(k)fluoranthene | 50 | 44.5 | 89 | 53-124 |
| 101-55-3 | 4-Bromophenyl phenyl ether | 50 | 45.2 | 90 | 55-120 |
| 85-68-7 | Butyl benzyl phthalate | 50 | 49.6 | 99 | 42-138 |
| 92-52-4 | 1,1'-Biphenyl | 50 | 44.8 | 90 | 41-123 |
| 91-58-7 | 2-Chloronaphthalene | 50 | 41.1 | 82 | 38-107 |
| 106-47-8 | 4-Chloroaniline | 50 | 28.2 | 56 | 38-110 |
| 86-74-8 | Carbazole | 50 | 48.7 | 97 | 55-121 |
| 105-60-2 | Caprolactam | 50 | 12.9 | 26 | 10-113 |
| 218-01-9 | Chrysene | 50 | 48.6 | 97 | 58-121 |
| 111-91-1 | bis(2-Chloroethoxy)methane | 50 | 46.0 | 92 | 48-117 |
| 111-44-4 | bis(2-Chloroethyl)ether | 50 | 44.2 | 88 | 40-108 |

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JB58123
Account: AKRFNYNY AKRF
Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|-----------|----|----------|----|-----------|------------|------------------|
| OP72120-BS1 | M101232.D | 1 | 01/21/14 | KR | 01/20/14 | OP72120 | EM4122 |

The QC reported here applies to the following samples:

Method: SW846 8270D

JB58123-1, JB58123-2

| CAS No. | Compound | Spike ug/l | BSP ug/l | BSP % | Limits |
|-----------|-----------------------------|---------------|-------------|----------|--------|
| 108-60-1 | bis(2-Chloroisopropyl)ether | 50 | 42.3 | 85 | 37-107 |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | 50 | 45.4 | 91 | 48-117 |
| 121-14-2 | 2,4-Dinitrotoluene | 50 | 47.7 | 95 | 53-129 |
| 606-20-2 | 2,6-Dinitrotoluene | 50 | 49.8 | 100 | 57-126 |
| 91-94-1 | 3,3'-Dichlorobenzidine | 100 | 54.7 | 55 | 41-109 |
| 123-91-1 | 1,4-Dioxane | 50 | 25.9 | 52 | 10-110 |
| 53-70-3 | Dibenzo(a,h)anthracene | 50 | 49.0 | 98 | 57-126 |
| 132-64-9 | Dibenzofuran | 50 | 46.4 | 93 | 46-112 |
| 84-74-2 | Di-n-butyl phthalate | 50 | 48.1 | 96 | 54-127 |
| 117-84-0 | Di-n-octyl phthalate | 50 | 43.6 | 87 | 55-142 |
| 84-66-2 | Diethyl phthalate | 50 | 45.4 | 91 | 35-130 |
| 131-11-3 | Dimethyl phthalate | 50 | 45.5 | 91 | 26-132 |
| 117-81-7 | bis(2-Ethylhexyl)phthalate | 50 | 46.1 | 92 | 58-135 |
| 206-44-0 | Fluoranthene | 50 | 46.6 | 93 | 59-120 |
| 86-73-7 | Fluorene | 50 | 45.7 | 91 | 53-114 |
| 118-74-1 | Hexachlorobenzene | 50 | 44.7 | 89 | 52-120 |
| 87-68-3 | Hexachlorobutadiene | 50 | 31.9 | 64 | 10-111 |
| 77-47-4 | Hexachlorocyclopentadiene | 100 | 70.3 | 70 | 10-116 |
| 67-72-1 | Hexachloroethane | 50 | 33.9 | 68 | 14-110 |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 50 | 47.9 | 96 | 56-127 |
| 78-59-1 | Isophorone | 50 | 44.0 | 88 | 45-119 |
| 91-57-6 | 2-Methylnaphthalene | 50 | 42.2 | 84 | 30-112 |
| 88-74-4 | 2-Nitroaniline | 50 | 50.4 | 101 | 46-136 |
| 99-09-2 | 3-Nitroaniline | 50 | 34.3 | 69 | 46-113 |
| 100-01-6 | 4-Nitroaniline | 50 | 53.0 | 106 | 47-129 |
| 91-20-3 | Naphthalene | 50 | 36.7 | 73 | 35-101 |
| 98-95-3 | Nitrobenzene | 50 | 43.2 | 86 | 40-115 |
| 621-64-7 | N-Nitroso-di-n-propylamine | 50 | 41.8 | 84 | 40-118 |
| 86-30-6 | N-Nitrosodiphenylamine | 50 | 42.3 | 85 | 54-112 |
| 85-01-8 | Phenanthrene | 50 | 42.7 | 85 | 58-113 |
| 129-00-0 | Pyrene | 50 | 46.5 | 93 | 56-120 |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 50 | 38.3 | 77 | 28-111 |

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JB58123
Account: AKRFNYNY AKRF
Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|-----------|----|----------|----|-----------|------------|------------------|
| OP72120-BS1 | M101232.D | 1 | 01/21/14 | KR | 01/20/14 | OP72120 | EM4122 |

The QC reported here applies to the following samples:

Method: SW846 8270D

JB58123-1, JB58123-2

| CAS No. | Surrogate Recoveries | BSP | Limits |
|-----------|----------------------|------|---------|
| 367-12-4 | 2-Fluorophenol | 54% | 10-110% |
| 4165-62-2 | Phenol-d5 | 35% | 10-110% |
| 118-79-6 | 2,4,6-Tribromophenol | 102% | 29-139% |
| 4165-60-0 | Nitrobenzene-d5 | 88% | 28-131% |
| 321-60-8 | 2-Fluorobiphenyl | 84% | 30-121% |
| 1718-51-0 | Terphenyl-d14 | 95% | 16-147% |

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JB58123
Account: AKRFNYNY AKRF
Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|-----------|----|----------|----|-----------|------------|------------------|
| OP72181-BS1 | 3P28765.D | 1 | 01/23/14 | CH | 01/23/14 | OP72181 | E3P1217 |

The QC reported here applies to the following samples:

Method: SW846 8270D

JB58302-1

| CAS No. | Compound | Spike ug/l | BSP ug/l | BSP % | Limits |
|-----------|----------------------------|---------------|-------------|----------|--------|
| 95-57-8 | 2-Chlorophenol | 50 | 32.9 | 66 | 42-110 |
| 59-50-7 | 4-Chloro-3-methyl phenol | 50 | 30.1 | 60 | 49-120 |
| 120-83-2 | 2,4-Dichlorophenol | 50 | 34.0 | 68 | 47-114 |
| 105-67-9 | 2,4-Dimethylphenol | 50 | 30.4 | 61 | 48-129 |
| 51-28-5 | 2,4-Dinitrophenol | 100 | 65.4 | 65 | 26-153 |
| 534-52-1 | 4,6-Dinitro-o-cresol | 50 | 39.5 | 79 | 44-132 |
| 95-48-7 | 2-Methylphenol | 50 | 27.5 | 55 | 39-110 |
| | 3&4-Methylphenol | 50 | 24.4 | 49 | 36-110 |
| 88-75-5 | 2-Nitrophenol | 50 | 35.1 | 70 | 45-110 |
| 100-02-7 | 4-Nitrophenol | 50 | 22.5 | 45 | 10-110 |
| 87-86-5 | Pentachlorophenol | 50 | 20.9 | 42 | 32-122 |
| 108-95-2 | Phenol | 50 | 13.2 | 26 | 10-110 |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 50 | 34.5 | 69 | 47-119 |
| 95-95-4 | 2,4,5-Trichlorophenol | 50 | 37.6 | 75 | 52-119 |
| 88-06-2 | 2,4,6-Trichlorophenol | 50 | 40.2 | 80 | 51-118 |
| 83-32-9 | Acenaphthene | 50 | 38.4 | 77 | 46-108 |
| 208-96-8 | Acenaphthylene | 50 | 32.0 | 64 | 44-101 |
| 98-86-2 | Acetophenone | 50 | 41.3 | 83 | 39-125 |
| 120-12-7 | Anthracene | 50 | 38.6 | 77 | 60-117 |
| 1912-24-9 | Atrazine | 50 | 51.2 | 102 | 58-153 |
| 100-52-7 | Benzaldehyde | 50 | 52.5 | 105 | 32-119 |
| 56-55-3 | Benzo(a)anthracene | 50 | 38.8 | 78 | 59-116 |
| 50-32-8 | Benzo(a)pyrene | 50 | 41.7 | 83 | 61-122 |
| 205-99-2 | Benzo(b)fluoranthene | 50 | 42.8 | 86 | 56-129 |
| 191-24-2 | Benzo(g,h,i)perylene | 50 | 34.9 | 70 | 54-126 |
| 207-08-9 | Benzo(k)fluoranthene | 50 | 40.6 | 81 | 53-124 |
| 101-55-3 | 4-Bromophenyl phenyl ether | 50 | 42.8 | 86 | 55-120 |
| 85-68-7 | Butyl benzyl phthalate | 50 | 42.4 | 85 | 42-138 |
| 92-52-4 | 1,1'-Biphenyl | 50 | 40.1 | 80 | 41-123 |
| 91-58-7 | 2-Chloronaphthalene | 50 | 40.1 | 80 | 38-107 |
| 106-47-8 | 4-Chloroaniline | 50 | 7.4 | 15* a | 38-110 |
| 86-74-8 | Carbazole | 50 | 44.0 | 88 | 55-121 |
| 105-60-2 | Caprolactam | 50 | 8.5 | 17 | 10-113 |
| 218-01-9 | Chrysene | 50 | 40.9 | 82 | 58-121 |
| 111-91-1 | bis(2-Chloroethoxy)methane | 50 | 37.4 | 75 | 48-117 |
| 111-44-4 | bis(2-Chloroethyl)ether | 50 | 40.5 | 81 | 40-108 |

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JB58123
Account: AKRFNYNY AKRF
Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|-----------|----|----------|----|-----------|------------|------------------|
| OP72181-BS1 | 3P28765.D | 1 | 01/23/14 | CH | 01/23/14 | OP72181 | E3P1217 |

The QC reported here applies to the following samples:

Method: SW846 8270D

JB58302-1

| CAS No. | Compound | Spike ug/l | BSP ug/l | BSP % | Limits |
|-----------|-----------------------------|---------------|-------------|------------------|--------|
| 108-60-1 | bis(2-Chloroisopropyl)ether | 50 | 35.1 | 70 | 37-107 |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | 50 | 43.0 | 86 | 48-117 |
| 121-14-2 | 2,4-Dinitrotoluene | 50 | 45.7 | 91 | 53-129 |
| 606-20-2 | 2,6-Dinitrotoluene | 50 | 44.8 | 90 | 57-126 |
| 91-94-1 | 3,3'-Dichlorobenzidine | 50 | 30.3 | 60 ^a | 41-109 |
| 123-91-1 | 1,4-Dioxane | 50 | 16.6 | 33 | 10-110 |
| 53-70-3 | Dibenzo(a,h)anthracene | 50 | 37.6 | 75 | 57-126 |
| 132-64-9 | Dibenzofuran | 50 | 38.4 | 77 | 46-112 |
| 84-74-2 | Di-n-butyl phthalate | 50 | 43.0 | 86 | 54-127 |
| 117-84-0 | Di-n-octyl phthalate | 50 | 46.1 | 92 | 55-142 |
| 84-66-2 | Diethyl phthalate | 50 | 40.8 | 82 | 35-130 |
| 131-11-3 | Dimethyl phthalate | 50 | 41.3 | 83 | 26-132 |
| 117-81-7 | bis(2-Ethylhexyl)phthalate | 50 | 42.1 | 84 | 58-135 |
| 206-44-0 | Fluoranthene | 50 | 40.9 | 82 | 59-120 |
| 86-73-7 | Fluorene | 50 | 38.9 | 78 | 53-114 |
| 118-74-1 | Hexachlorobenzene | 50 | 47.8 | 96 | 52-120 |
| 87-68-3 | Hexachlorobutadiene | 50 | 30.4 | 61 | 10-111 |
| 77-47-4 | Hexachlorocyclopentadiene | 100 | 59.9 | 60 | 10-116 |
| 67-72-1 | Hexachloroethane | 50 | 34.2 | 68 | 14-110 |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 50 | 37.0 | 74 | 56-127 |
| 78-59-1 | Isophorone | 50 | 36.1 | 72 | 45-119 |
| 91-57-6 | 2-Methylnaphthalene | 50 | 30.8 | 62 | 30-112 |
| 88-74-4 | 2-Nitroaniline | 50 | 38.2 | 76 | 46-136 |
| 99-09-2 | 3-Nitroaniline | 50 | 9.7 | 19* ^a | 46-113 |
| 100-01-6 | 4-Nitroaniline | 50 | 34.5 | 69 | 47-129 |
| 91-20-3 | Naphthalene | 50 | 31.2 | 62 | 35-101 |
| 98-95-3 | Nitrobenzene | 50 | 37.4 | 75 | 40-115 |
| 621-64-7 | N-Nitroso-di-n-propylamine | 50 | 39.7 | 79 | 40-118 |
| 86-30-6 | N-Nitrosodiphenylamine | 50 | 39.1 | 78 | 54-112 |
| 85-01-8 | Phenanthrene | 50 | 38.4 | 77 | 58-113 |
| 129-00-0 | Pyrene | 50 | 38.7 | 77 | 56-120 |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 50 | 42.4 | 85 | 28-111 |

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JB58123
Account: AKRFNYNY AKRF
Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|-----------|----|----------|----|-----------|------------|------------------|
| OP72181-BS1 | 3P28765.D | 1 | 01/23/14 | CH | 01/23/14 | OP72181 | E3P1217 |

The QC reported here applies to the following samples:

Method: SW846 8270D

JB58302-1

| CAS No. | Surrogate Recoveries | BSP | Limits |
|-----------|----------------------|------|---------|
| 367-12-4 | 2-Fluorophenol | 50% | 10-110% |
| 4165-62-2 | Phenol-d5 | 35% | 10-110% |
| 118-79-6 | 2,4,6-Tribromophenol | 98% | 29-139% |
| 4165-60-0 | Nitrobenzene-d5 | 74% | 28-131% |
| 321-60-8 | 2-Fluorobiphenyl | 87% | 30-121% |
| 1718-51-0 | Terphenyl-d14 | 101% | 16-147% |

(a) Outside of in house control limits.

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JB58123
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------------|-----------|----|----------|----|-----------|------------|------------------|
| OP72181-BS14 | 3P28766.D | 1 | 01/23/14 | CH | 01/23/14 | OP72181 | E3P1217 |

The QC reported here applies to the following samples:

Method: SW846 8270D

JB58302-1

| CAS No. | Compound | Spike ug/l | BSP ug/l | BSP % | Limits |
|---------|----------|---------------|-------------|----------|--------|
|---------|----------|---------------|-------------|----------|--------|

| CAS No. | Surrogate Recoveries | BSP | Limits |
|-----------|----------------------|-----|---------|
| 367-12-4 | 2-Fluorophenol | 36% | 10-110% |
| 4165-62-2 | Phenol-d5 | 22% | 10-110% |
| 118-79-6 | 2,4,6-Tribromophenol | 87% | 29-139% |
| 4165-60-0 | Nitrobenzene-d5 | 73% | 28-131% |
| 321-60-8 | 2-Fluorobiphenyl | 79% | 30-121% |
| 1718-51-0 | Terphenyl-d14 | 90% | 16-147% |

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JB58123
Account: AKRFNYNY AKRF
Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------------|----------|----|----------|----|-----------|------------|------------------|
| OP72181-BS13 | F32433.D | 1 | 01/24/14 | JL | 01/23/14 | OP72181 | EF5525 |

The QC reported here applies to the following samples:

Method: SW846 8270D

JB58302-1

| CAS No. | Compound | Spike ug/l | BSP ug/l | BSP % | Limits |
|-----------|----------------------------|---------------|-------------|----------|--------|
| 1912-24-9 | Atrazine | 50 | 51.2 | 102 | 58-153 |
| 100-52-7 | Benzaldehyde | 50 | 44.6 | 89 | 32-119 |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 50 | 41.7 | 83 | 28-111 |

| CAS No. | Surrogate Recoveries | BSP | Limits |
|-----------|----------------------|-----|---------|
| 367-12-4 | 2-Fluorophenol | 48% | 10-110% |
| 4165-62-2 | Phenol-d5 | 32% | 10-110% |
| 118-79-6 | 2,4,6-Tribromophenol | 94% | 29-139% |
| 4165-60-0 | Nitrobenzene-d5 | 93% | 28-131% |
| 321-60-8 | 2-Fluorobiphenyl | 87% | 30-121% |
| 1718-51-0 | Terphenyl-d14 | 94% | 16-147% |

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JB58123
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| | | | | | | | |
|-------------|-----------|----|----------|----|-----------|------------|------------------|
| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
| OP72256-BS1 | M101360.D | 1 | 01/27/14 | KR | 01/27/14 | OP72256 | EM4129 |

The QC reported here applies to the following samples:

Method: SW846 8270D

JB58302-2, JB58302-3

| CAS No. | Compound | Spike ug/l | BSP ug/l | BSP % | Limits |
|-----------|----------------------------|---------------|-------------|----------|--------|
| 95-57-8 | 2-Chlorophenol | 50 | 40.5 | 81 | 42-110 |
| 59-50-7 | 4-Chloro-3-methyl phenol | 50 | 42.3 | 85 | 49-120 |
| 120-83-2 | 2,4-Dichlorophenol | 50 | 48.3 | 97 | 47-114 |
| 105-67-9 | 2,4-Dimethylphenol | 50 | 42.4 | 85 | 48-129 |
| 51-28-5 | 2,4-Dinitrophenol | 100 | 78.5 | 79 | 26-153 |
| 534-52-1 | 4,6-Dinitro-o-cresol | 50 | 41.1 | 82 | 44-132 |
| 95-48-7 | 2-Methylphenol | 50 | 36.9 | 74 | 39-110 |
| | 3&4-Methylphenol | 50 | 35.4 | 71 | 36-110 |
| 88-75-5 | 2-Nitrophenol | 50 | 49.8 | 100 | 45-110 |
| 100-02-7 | 4-Nitrophenol | 50 | 18.5 | 37 | 10-110 |
| 87-86-5 | Pentachlorophenol | 50 | 35.7 | 71 | 32-122 |
| 108-95-2 | Phenol | 50 | 20.6 | 41 | 10-110 |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 50 | 44.1 | 88 | 47-119 |
| 95-95-4 | 2,4,5-Trichlorophenol | 50 | 46.2 | 92 | 52-119 |
| 88-06-2 | 2,4,6-Trichlorophenol | 50 | 50.4 | 101 | 51-118 |
| 83-32-9 | Acenaphthene | 50 | 44.6 | 89 | 46-108 |
| 208-96-8 | Acenaphthylene | 50 | 40.8 | 82 | 44-101 |
| 98-86-2 | Acetophenone | 50 | 44.0 | 88 | 39-125 |
| 120-12-7 | Anthracene | 50 | 48.0 | 96 | 60-117 |
| 1912-24-9 | Atrazine | 50 | 50.9 | 102 | 58-153 |
| 100-52-7 | Benzaldehyde | 50 | 47.5 | 95 | 32-119 |
| 56-55-3 | Benzo(a)anthracene | 50 | 47.5 | 95 | 59-116 |
| 50-32-8 | Benzo(a)pyrene | 50 | 48.9 | 98 | 61-122 |
| 205-99-2 | Benzo(b)fluoranthene | 50 | 49.2 | 98 | 56-129 |
| 191-24-2 | Benzo(g,h,i)perylene | 50 | 45.0 | 90 | 54-126 |
| 207-08-9 | Benzo(k)fluoranthene | 50 | 50.6 | 101 | 53-124 |
| 101-55-3 | 4-Bromophenyl phenyl ether | 50 | 45.4 | 91 | 55-120 |
| 85-68-7 | Butyl benzyl phthalate | 50 | 51.0 | 102 | 42-138 |
| 92-52-4 | 1,1'-Biphenyl | 50 | 45.4 | 91 | 41-123 |
| 91-58-7 | 2-Chloronaphthalene | 50 | 41.7 | 83 | 38-107 |
| 106-47-8 | 4-Chloroaniline | 50 | 22.2 | 44 | 38-110 |
| 86-74-8 | Carbazole | 50 | 47.6 | 95 | 55-121 |
| 105-60-2 | Caprolactam | 50 | 11.7 | 23 | 10-113 |
| 218-01-9 | Chrysene | 50 | 50.7 | 101 | 58-121 |
| 111-91-1 | bis(2-Chloroethoxy)methane | 50 | 50.0 | 100 | 48-117 |
| 111-44-4 | bis(2-Chloroethyl)ether | 50 | 47.5 | 95 | 40-108 |

* = Outside of Control Limits.

7.2.5
7

Blank Spike Summary

Job Number: JB58123
Account: AKRFNYNY AKRF
Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|-----------|----|----------|----|-----------|------------|------------------|
| OP72256-BS1 | M101360.D | 1 | 01/27/14 | KR | 01/27/14 | OP72256 | EM4129 |

The QC reported here applies to the following samples:

Method: SW846 8270D

JB58302-2, JB58302-3

| CAS No. | Compound | Spike ug/l | BSP ug/l | BSP % | Limits |
|-----------|-----------------------------|---------------|-------------|----------|--------|
| 108-60-1 | bis(2-Chloroisopropyl)ether | 50 | 44.4 | 89 | 37-107 |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | 50 | 43.3 | 87 | 48-117 |
| 121-14-2 | 2,4-Dinitrotoluene | 50 | 50.0 | 100 | 53-129 |
| 606-20-2 | 2,6-Dinitrotoluene | 50 | 49.5 | 99 | 57-126 |
| 91-94-1 | 3,3'-Dichlorobenzidine | 100 | 60.8 | 61 | 41-109 |
| 123-91-1 | 1,4-Dioxane | 50 | 26.2 | 52 | 10-110 |
| 53-70-3 | Dibenzo(a,h)anthracene | 50 | 45.9 | 92 | 57-126 |
| 132-64-9 | Dibenzofuran | 50 | 43.4 | 87 | 46-112 |
| 84-74-2 | Di-n-butyl phthalate | 50 | 50.5 | 101 | 54-127 |
| 117-84-0 | Di-n-octyl phthalate | 50 | 49.0 | 98 | 55-142 |
| 84-66-2 | Diethyl phthalate | 50 | 46.0 | 92 | 35-130 |
| 131-11-3 | Dimethyl phthalate | 50 | 47.1 | 94 | 26-132 |
| 117-81-7 | bis(2-Ethylhexyl)phthalate | 50 | 47.6 | 95 | 58-135 |
| 206-44-0 | Fluoranthene | 50 | 48.1 | 96 | 59-120 |
| 86-73-7 | Fluorene | 50 | 46.6 | 93 | 53-114 |
| 118-74-1 | Hexachlorobenzene | 50 | 42.7 | 85 | 52-120 |
| 87-68-3 | Hexachlorobutadiene | 50 | 30.4 | 61 | 10-111 |
| 77-47-4 | Hexachlorocyclopentadiene | 100 | 66.0 | 66 | 10-116 |
| 67-72-1 | Hexachloroethane | 50 | 32.3 | 65 | 14-110 |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 50 | 42.7 | 85 | 56-127 |
| 78-59-1 | Isophorone | 50 | 46.7 | 93 | 45-119 |
| 91-57-6 | 2-Methylnaphthalene | 50 | 39.4 | 79 | 30-112 |
| 88-74-4 | 2-Nitroaniline | 50 | 47.4 | 95 | 46-136 |
| 99-09-2 | 3-Nitroaniline | 50 | 33.1 | 66 | 46-113 |
| 100-01-6 | 4-Nitroaniline | 50 | 45.9 | 92 | 47-129 |
| 91-20-3 | Naphthalene | 50 | 38.8 | 78 | 35-101 |
| 98-95-3 | Nitrobenzene | 50 | 45.7 | 91 | 40-115 |
| 621-64-7 | N-Nitroso-di-n-propylamine | 50 | 43.4 | 87 | 40-118 |
| 86-30-6 | N-Nitrosodiphenylamine | 50 | 46.3 | 93 | 54-112 |
| 85-01-8 | Phenanthrene | 50 | 46.1 | 92 | 58-113 |
| 129-00-0 | Pyrene | 50 | 50.7 | 101 | 56-120 |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 50 | 33.7 | 67 | 28-111 |

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JB58123
Account: AKRFNYNY AKRF
Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|-----------|----|----------|----|-----------|------------|------------------|
| OP72256-BS1 | M101360.D | 1 | 01/27/14 | KR | 01/27/14 | OP72256 | EM4129 |

The QC reported here applies to the following samples:

Method: SW846 8270D

JB58302-2, JB58302-3

| CAS No. | Surrogate Recoveries | BSP | Limits |
|-----------|----------------------|-----|---------|
| 367-12-4 | 2-Fluorophenol | 53% | 10-110% |
| 4165-62-2 | Phenol-d5 | 36% | 10-110% |
| 118-79-6 | 2,4,6-Tribromophenol | 88% | 29-139% |
| 4165-60-0 | Nitrobenzene-d5 | 88% | 28-131% |
| 321-60-8 | 2-Fluorobiphenyl | 86% | 30-121% |
| 1718-51-0 | Terphenyl-d14 | 92% | 16-147% |

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JB58123
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|-----------|----|----------|----|-----------|------------|------------------|
| OP72120-MS | M101233.D | 1 | 01/21/14 | KR | 01/20/14 | OP72120 | EM4122 |
| OP72120-MSD | M101234.D | 1 | 01/21/14 | KR | 01/20/14 | OP72120 | EM4122 |
| JB58080-7 | M101235.D | 1 | 01/21/14 | KR | 01/20/14 | OP72120 | EM4122 |

The QC reported here applies to the following samples:

Method: SW846 8270D

JB58123-1, JB58123-2

| CAS No. | Compound | JB58080-7 ug/l | Spike Q | MS ug/l | MS % | MSD ug/l | MSD % | RPD | Limits Rec/RPD |
|-----------|----------------------------|-------------------|------------|------------|---------|-------------|----------|-----|-------------------|
| 95-57-8 | 2-Chlorophenol | ND | 104 | 88.2 | 85 | 84.8 | 81 | 4 | 30-106/33 |
| 59-50-7 | 4-Chloro-3-methyl phenol | ND | 104 | 94.4 | 91 | 90.7 | 87 | 4 | 40-130/28 |
| 120-83-2 | 2,4-Dichlorophenol | ND | 104 | 99.1 | 95 | 95.3 | 91 | 4 | 27-128/34 |
| 105-67-9 | 2,4-Dimethylphenol | ND | 104 | 89.2 | 86 | 82.2 | 79 | 8 | 32-145/31 |
| 51-28-5 | 2,4-Dinitrophenol | ND | 208 | 193 | 93 | 182 | 87 | 6 | 10-162/43 |
| 534-52-1 | 4,6-Dinitro-o-cresol | ND | 104 | 92.8 | 89 | 88.1 | 85 | 5 | 10-147/42 |
| 95-48-7 | 2-Methylphenol | ND | 104 | 87.6 | 84 | 82.9 | 80 | 6 | 29-111/29 |
| | 3&4-Methylphenol | ND | 104 | 86.8 | 83 | 81.3 | 78 | 7 | 26-114/29 |
| 88-75-5 | 2-Nitrophenol | ND | 104 | 103 | 99 | 99.0 | 95 | 4 | 27-121/35 |
| 100-02-7 | 4-Nitrophenol | ND | 104 | 73.4 | 70 | 69.2 | 66 | 6 | 10-135/37 |
| 87-86-5 | Pentachlorophenol | ND | 104 | 88.4 | 85 | 84.8 | 81 | 4 | 21-133/35 |
| 108-95-2 | Phenol | ND | 104 | 57.3 | 55 | 53.8 | 52 | 6 | 10-110/33 |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | ND | 104 | 99.9 | 96 | 94.3 | 91 | 6 | 30-128/33 |
| 95-95-4 | 2,4,5-Trichlorophenol | ND | 104 | 96.4 | 93 | 91.8 | 88 | 5 | 35-128/30 |
| 88-06-2 | 2,4,6-Trichlorophenol | ND | 104 | 104 | 100 | 99.7 | 96 | 4 | 31-130/34 |
| 83-32-9 | Acenaphthene | ND | 104 | 94.3 | 91 | 93.3 | 90 | 1 | 41-112/29 |
| 208-96-8 | Acenaphthylene | ND | 104 | 83.2 | 80 | 81.0 | 78 | 3 | 42-101/29 |
| 98-86-2 | Acetophenone | ND | 104 | 93.7 | 90 | 93.3 | 90 | 0 | 24-142/31 |
| 120-12-7 | Anthracene | ND | 104 | 96.0 | 92 | 93.6 | 90 | 3 | 52-122/26 |
| 1912-24-9 | Atrazine | ND | 104 | 120 | 115 | 115 | 110 | 4 | 42-160/26 |
| 100-52-7 | Benzaldehyde | ND | 104 | 103 | 99 | 98.4 | 94 | 5 | 17-130/33 |
| 56-55-3 | Benzo(a)anthracene | ND | 104 | 100 | 96 | 98.1 | 94 | 2 | 50-122/26 |
| 50-32-8 | Benzo(a)pyrene | ND | 104 | 99.9 | 96 | 95.9 | 92 | 4 | 51-127/27 |
| 205-99-2 | Benzo(b)fluoranthene | ND | 104 | 95.7 | 92 | 92.7 | 89 | 3 | 47-132/31 |
| 191-24-2 | Benzo(g,h,i)perylene | ND | 104 | 105 | 101 | 98.7 | 95 | 6 | 47-129/29 |
| 207-08-9 | Benzo(k)fluoranthene | ND | 104 | 99.9 | 96 | 95.4 | 92 | 5 | 43-130/29 |
| 101-55-3 | 4-Bromophenyl phenyl ether | ND | 104 | 97.6 | 94 | 95.7 | 92 | 2 | 51-122/26 |
| 85-68-7 | Butyl benzyl phthalate | ND | 104 | 108 | 104 | 104 | 100 | 4 | 37-145/29 |
| 92-52-4 | 1,1'-Biphenyl | ND | 104 | 95.9 | 92 | 92.1 | 88 | 4 | 40-122/30 |
| 91-58-7 | 2-Chloronaphthalene | ND | 104 | 89.0 | 85 | 89.3 | 86 | 0 | 36-108/30 |
| 106-47-8 | 4-Chloroaniline | ND | 104 | 56.4 | 54 | 48.2 | 46 | 16 | 24-110/32 |
| 86-74-8 | Carbazole | ND | 104 | 106 | 102 | 103 | 99 | 3 | 47-128/25 |
| 105-60-2 | Caprolactam | ND | 104 | 47.1 | 45 | 44.2 | 42 | 6 | 10-110/44 |
| 218-01-9 | Chrysene | ND | 104 | 106 | 102 | 103 | 99 | 3 | 51-124/27 |
| 111-91-1 | bis(2-Chloroethoxy)methane | ND | 104 | 99.9 | 96 | 96.6 | 93 | 3 | 43-120/31 |
| 111-44-4 | bis(2-Chloroethyl)ether | ND | 104 | 94.9 | 91 | 91.9 | 88 | 3 | 33-115/34 |

* = Outside of Control Limits.

7.3.1
 7

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JB58123
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|-----------|----|----------|----|-----------|------------|------------------|
| OP72120-MS | M101233.D | 1 | 01/21/14 | KR | 01/20/14 | OP72120 | EM4122 |
| OP72120-MSD | M101234.D | 1 | 01/21/14 | KR | 01/20/14 | OP72120 | EM4122 |
| JB58080-7 | M101235.D | 1 | 01/21/14 | KR | 01/20/14 | OP72120 | EM4122 |

The QC reported here applies to the following samples:

Method: SW846 8270D

JB58123-1, JB58123-2

| CAS No. | Compound | JB58080-7 ug/l | Spike Q | MS ug/l | MS % | MSD ug/l | MSD % | RPD | Limits Rec/RPD |
|-----------|-----------------------------|-------------------|------------|------------|---------|-------------|----------|-----|-------------------|
| 108-60-1 | bis(2-Chloroisopropyl)ether | ND | | 104 | 90.7 | 87 | 88.1 | 3 | 28-114/33 |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | ND | | 104 | 99.1 | 95 | 94.8 | 4 | 46-118/29 |
| 121-14-2 | 2,4-Dinitrotoluene | ND | | 104 | 104 | 100 | 99.0 | 5 | 49-129/27 |
| 606-20-2 | 2,6-Dinitrotoluene | ND | | 104 | 109 | 105 | 104 | 5 | 52-129/26 |
| 91-94-1 | 3,3'-Dichlorobenzidine | ND | | 208 | 139 | 67 | 136 | 2 | 14-119/33 |
| 123-91-1 | 1,4-Dioxane | ND | | 104 | 71.5 | 69 | 72.6 | 2 | 10-110/36 |
| 53-70-3 | Dibenzo(a,h)anthracene | ND | | 104 | 107 | 103 | 102 | 5 | 49-130/28 |
| 132-64-9 | Dibenzofuran | ND | | 104 | 100 | 96 | 96.9 | 3 | 44-114/28 |
| 84-74-2 | Di-n-butyl phthalate | ND | | 104 | 105 | 101 | 101 | 4 | 47-131/27 |
| 117-84-0 | Di-n-octyl phthalate | ND | | 104 | 95.8 | 92 | 91.8 | 4 | 47-148/29 |
| 84-66-2 | Diethyl phthalate | ND | | 104 | 98.0 | 94 | 93.9 | 4 | 32-131/29 |
| 131-11-3 | Dimethyl phthalate | ND | | 104 | 99.6 | 96 | 94.0 | 6 | 26-132/33 |
| 117-81-7 | bis(2-Ethylhexyl)phthalate | 1.3 | BJ | 104 | 102 | 97 | 99.8 | 2 | 48-144/27 |
| 206-44-0 | Fluoranthene | ND | | 104 | 101 | 97 | 96.8 | 4 | 51-123/27 |
| 86-73-7 | Fluorene | ND | | 104 | 99.4 | 95 | 95.1 | 4 | 50-116/26 |
| 118-74-1 | Hexachlorobenzene | ND | | 104 | 98.2 | 94 | 94.3 | 4 | 45-123/26 |
| 87-68-3 | Hexachlorobutadiene | ND | | 104 | 69.8 | 67 | 75.2 | 7 | 10-113/35 |
| 77-47-4 | Hexachlorocyclopentadiene | ND | | 208 | 151 | 72 | 156 | 3 | 10-113/37 |
| 67-72-1 | Hexachloroethane | ND | | 104 | 73.1 | 70 | 75.8 | 4 | 15-110/37 |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | ND | | 104 | 102 | 98 | 97.5 | 5 | 48-131/27 |
| 78-59-1 | Isophorone | ND | | 104 | 94.8 | 91 | 91.7 | 3 | 42-119/30 |
| 91-57-6 | 2-Methylnaphthalene | ND | | 104 | 89.0 | 85 | 91.5 | 3 | 22-120/32 |
| 88-74-4 | 2-Nitroaniline | ND | | 104 | 108 | 104 | 104 | 4 | 43-138/29 |
| 99-09-2 | 3-Nitroaniline | ND | | 104 | 77.5 | 74 | 68.9 | 12 | 34-116/26 |
| 100-01-6 | 4-Nitroaniline | ND | | 104 | 112 | 108 | 107 | 5 | 36-131/28 |
| 91-20-3 | Naphthalene | ND | | 104 | 78.3 | 75 | 78.2 | 0 | 25-108/32 |
| 98-95-3 | Nitrobenzene | ND | | 104 | 94.6 | 91 | 91.5 | 3 | 29-128/32 |
| 621-64-7 | N-Nitroso-di-n-propylamine | ND | | 104 | 89.3 | 86 | 87.2 | 2 | 35-120/31 |
| 86-30-6 | N-Nitrosodiphenylamine | ND | | 104 | 91.2 | 88 | 86.6 | 5 | 46-120/26 |
| 85-01-8 | Phenanthrene | ND | | 104 | 94.2 | 90 | 90.4 | 4 | 51-117/25 |
| 129-00-0 | Pyrene | ND | | 104 | 102 | 98 | 98.1 | 4 | 45-130/29 |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | ND | | 104 | 82.5 | 79 | 83.6 | 1 | 29-109/31 |

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JB58123
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|-----------|----|----------|----|-----------|------------|------------------|
| OP72120-MS | M101233.D | 1 | 01/21/14 | KR | 01/20/14 | OP72120 | EM4122 |
| OP72120-MSD | M101234.D | 1 | 01/21/14 | KR | 01/20/14 | OP72120 | EM4122 |
| JB58080-7 | M101235.D | 1 | 01/21/14 | KR | 01/20/14 | OP72120 | EM4122 |

The QC reported here applies to the following samples:

Method: SW846 8270D

JB58123-1, JB58123-2

| CAS No. | Surrogate Recoveries | MS | MSD | JB58080-7 | Limits |
|-----------|----------------------|------|------|-----------|---------|
| 367-12-4 | 2-Fluorophenol | 75% | 70% | 44% | 10-110% |
| 4165-62-2 | Phenol-d5 | 57% | 53% | 27% | 10-110% |
| 118-79-6 | 2,4,6-Tribromophenol | 107% | 103% | 100% | 29-139% |
| 4165-60-0 | Nitrobenzene-d5 | 92% | 90% | 88% | 28-131% |
| 321-60-8 | 2-Fluorobiphenyl | 87% | 83% | 85% | 30-121% |
| 1718-51-0 | Terphenyl-d14 | 84% | 78% | 74% | 16-147% |

* = Outside of Control Limits.

7.3.1
 7

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JB58123
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|----------|----|----------|----|-----------|------------|------------------|
| OP72181-MS | F32444.D | 1 | 01/24/14 | JL | 01/23/14 | OP72181 | EF5525 |
| OP72181-MSD | F32445.D | 1 | 01/24/14 | JL | 01/23/14 | OP72181 | EF5525 |
| JB58302-1 | F32446.D | 1 | 01/24/14 | JL | 01/23/14 | OP72181 | EF5525 |

The QC reported here applies to the following samples:

Method: SW846 8270D

JB58302-1

| CAS No. | Compound | JB58302-1 ug/l | Spike Q | MS ug/l | MS % | MSD ug/l | MSD % | RPD | Limits Rec/RPD |
|-----------|----------------------------|-------------------|------------|------------|---------|-------------|----------|--------|-------------------|
| 95-57-8 | 2-Chlorophenol | ND | 106 | 92.9 | 87 | 88.9 | 84 | 4 | 30-106/33 |
| 59-50-7 | 4-Chloro-3-methyl phenol | ND | 106 | 78.9 | 74 | 79.2 | 74 | 0 | 40-130/28 |
| 120-83-2 | 2,4-Dichlorophenol | ND | 106 | 86.2 | 81 | 85.0 | 80 | 1 | 27-128/34 |
| 105-67-9 | 2,4-Dimethylphenol | ND | 106 | 58.8 | 55 | 80.0 | 75 | 31 | 32-145/31 |
| 51-28-5 | 2,4-Dinitrophenol | ND | 213 | 212 | 100 | 209 | 98 | 1 | 10-162/43 |
| 534-52-1 | 4,6-Dinitro-o-cresol | ND | 106 | 93.5 | 88 | 93.9 | 88 | 0 | 10-147/42 |
| 95-48-7 | 2-Methylphenol | ND | 106 | 82.4 | 77 | 83.5 | 78 | 1 | 29-111/29 |
| | 3&4-Methylphenol | ND | 106 | 83.5 | 78 | 84.3 | 79 | 1 | 26-114/29 |
| 88-75-5 | 2-Nitrophenol | ND | 106 | 111 | 104 | 91.1 | 86 | 20 | 27-121/35 |
| 100-02-7 | 4-Nitrophenol | ND | 106 | 113 | 106 | 81.5 | 77 | 32 | 10-135/37 |
| 87-86-5 | Pentachlorophenol | ND | 106 | 99.4 | 93 | 101 | 95 | 2 | 21-133/35 |
| 108-95-2 | Phenol | ND | 106 | 63.1 | 59 | 58.0 | 55 | 8 | 10-110/33 |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | ND | 106 | 94.3 | 89 | 94.1 | 88 | 0 | 30-128/33 |
| 95-95-4 | 2,4,5-Trichlorophenol | ND | 106 | 92.3 | 87 | 93.1 | 88 | 1 | 35-128/30 |
| 88-06-2 | 2,4,6-Trichlorophenol | ND | 106 | 96.4 | 91 | 96.4 | 91 | 0 | 31-130/34 |
| 83-32-9 | Acenaphthene | ND | 106 | 97.2 | 91 | 98.7 | 93 | 2 | 41-112/29 |
| 208-96-8 | Acenaphthylene | ND | 106 | 80.3 | 75 | 81.3 | 76 | 1 | 42-101/29 |
| 98-86-2 | Acetophenone | ND | 106 | 99.3 | 93 | 96.8 | 91 | 3 | 24-142/31 |
| 120-12-7 | Anthracene | ND | 106 | 88.8 | 83 | 93.4 | 88 | 5 | 52-122/26 |
| 1912-24-9 | Atrazine | ND | 106 | 115 | 108 | 119 | 112 | 3 | 42-160/26 |
| 100-52-7 | Benzaldehyde | ND | 106 | 108 | 102 | 104 | 98 | 4 | 17-130/33 |
| 56-55-3 | Benzo(a)anthracene | ND | 106 | 89.7 | 84 | 91.1 | 86 | 2 | 50-122/26 |
| 50-32-8 | Benzo(a)pyrene | ND | 106 | 90.1 | 85 | 95.8 | 90 | 6 | 51-127/27 |
| 205-99-2 | Benzo(b)fluoranthene | ND | 106 | 99.6 | 94 | 97.8 | 92 | 2 | 47-132/31 |
| 191-24-2 | Benzo(g,h,i)perylene | ND | 106 | 99.2 | 93 | 96.7 | 91 | 3 | 47-129/29 |
| 207-08-9 | Benzo(k)fluoranthene | ND | 106 | 101 | 95 | 99.5 | 94 | 1 | 43-130/29 |
| 101-55-3 | 4-Bromophenyl phenyl ether | ND | 106 | 94.7 | 89 | 96.3 | 91 | 2 | 51-122/26 |
| 85-68-7 | Butyl benzyl phthalate | ND | 106 | 107 | 101 | 108 | 102 | 1 | 37-145/29 |
| 92-52-4 | 1,1'-Biphenyl | ND | 106 | 96.5 | 91 | 98.0 | 92 | 2 | 40-122/30 |
| 91-58-7 | 2-Chloronaphthalene | ND | 106 | 91.8 | 86 | 93.6 | 88 | 2 | 36-108/30 |
| 106-47-8 | 4-Chloroaniline | ND | 106 | 3.8 | 4* a | 13.2 | 12* a | 111* a | 24-110/32 |
| 86-74-8 | Carbazole | ND | 106 | 102 | 96 | 104 | 98 | 2 | 47-128/25 |
| 105-60-2 | Caprolactam | ND | 106 | 33.5 | 31 | 34.5 | 32 | 3 | 10-110/44 |
| 218-01-9 | Chrysene | ND | 106 | 95.5 | 90 | 95.1 | 89 | 0 | 51-124/27 |
| 111-91-1 | bis(2-Chloroethoxy)methane | ND | 106 | 88.2 | 83 | 88.1 | 83 | 0 | 43-120/31 |
| 111-44-4 | bis(2-Chloroethyl)ether | ND | 106 | 98.8 | 93 | 98.1 | 92 | 1 | 33-115/34 |

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JB58123
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|----------|----|----------|----|-----------|------------|------------------|
| OP72181-MS | F32444.D | 1 | 01/24/14 | JL | 01/23/14 | OP72181 | EF5525 |
| OP72181-MSD | F32445.D | 1 | 01/24/14 | JL | 01/23/14 | OP72181 | EF5525 |
| JB58302-1 | F32446.D | 1 | 01/24/14 | JL | 01/23/14 | OP72181 | EF5525 |

The QC reported here applies to the following samples:

Method: SW846 8270D

JB58302-1

| CAS No. | Compound | JB58302-1 ug/l | Spike Q | MS ug/l | MS % | MSD ug/l | MSD % | RPD | Limits Rec/RPD |
|-----------|-----------------------------|-------------------|------------|------------|---------|-------------|----------|--------|-------------------|
| 108-60-1 | bis(2-Chloroisopropyl)ether | ND | 106 | 93.5 | 88 | 93.5 | 88 | 0 | 28-114/33 |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | ND | 106 | 92.8 | 87 | 93.7 | 88 | 1 | 46-118/29 |
| 121-14-2 | 2,4-Dinitrotoluene | ND | 106 | 110 | 103 | 110 | 103 | 0 | 49-129/27 |
| 606-20-2 | 2,6-Dinitrotoluene | ND | 106 | 111 | 104 | 111 | 104 | 0 | 52-129/26 |
| 91-94-1 | 3,3'-Dichlorobenzidine | ND | 213 | ND | 0* a | 22.6 | 11* a | 200* a | 14-119/33 |
| 123-91-1 | 1,4-Dioxane | ND | 106 | 65.6 | 62 | 66.5 | 63 | 1 | 10-110/36 |
| 53-70-3 | Dibenzo(a,h)anthracene | ND | 106 | 97.1 | 91 | 96.4 | 91 | 1 | 49-130/28 |
| 132-64-9 | Dibenzofuran | ND | 106 | 96.3 | 91 | 96.6 | 91 | 0 | 44-114/28 |
| 84-74-2 | Di-n-butyl phthalate | ND | 106 | 101 | 95 | 102 | 96 | 1 | 47-131/27 |
| 117-84-0 | Di-n-octyl phthalate | ND | 106 | 117 | 110 | 115 | 108 | 2 | 47-148/29 |
| 84-66-2 | Diethyl phthalate | ND | 106 | 93.7 | 88 | 94.6 | 89 | 1 | 32-131/29 |
| 131-11-3 | Dimethyl phthalate | ND | 106 | 91.8 | 86 | 93.6 | 88 | 2 | 26-132/33 |
| 117-81-7 | bis(2-Ethylhexyl)phthalate | ND | 106 | 108 | 102 | 110 | 103 | 2 | 48-144/27 |
| 206-44-0 | Fluoranthene | ND | 106 | 92.9 | 87 | 93.4 | 88 | 1 | 51-123/27 |
| 86-73-7 | Fluorene | ND | 106 | 92.6 | 87 | 92.9 | 87 | 0 | 50-116/26 |
| 118-74-1 | Hexachlorobenzene | ND | 106 | 94.0 | 88 | 95.6 | 90 | 2 | 45-123/26 |
| 87-68-3 | Hexachlorobutadiene | ND | 106 | 72.6 | 68 | 74.7 | 70 | 3 | 10-113/35 |
| 77-47-4 | Hexachlorocyclopentadiene | ND | 213 | 217 | 102 | 218 | 102 | 0 | 10-113/37 |
| 67-72-1 | Hexachloroethane | ND | 106 | 83.5 | 78 | 85.0 | 80 | 2 | 15-110/37 |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | ND | 106 | 94.6 | 89 | 92.2 | 87 | 3 | 48-131/27 |
| 78-59-1 | Isophorone | ND | 106 | 84.9 | 80 | 86.2 | 81 | 2 | 42-119/30 |
| 91-57-6 | 2-Methylnaphthalene | ND | 106 | 79.4 | 75 | 78.4 | 74 | 1 | 22-120/32 |
| 88-74-4 | 2-Nitroaniline | ND | 106 | 89.1 | 84 | 92.7 | 87 | 4 | 43-138/29 |
| 99-09-2 | 3-Nitroaniline | ND | 106 | 86.3 | 81 | 88.4 | 83 | 2 | 34-116/26 |
| 100-01-6 | 4-Nitroaniline | ND | 106 | 61.2 | 58 | 71.5 | 67 | 16 | 36-131/28 |
| 91-20-3 | Naphthalene | ND | 106 | 74.0 | 70 | 72.5 | 68 | 2 | 25-108/32 |
| 98-95-3 | Nitrobenzene | ND | 106 | 107 | 101 | 98.5 | 93 | 8 | 29-128/32 |
| 621-64-7 | N-Nitroso-di-n-propylamine | ND | 106 | 94.8 | 89 | 92.6 | 87 | 2 | 35-120/31 |
| 86-30-6 | N-Nitrosodiphenylamine | ND | 106 | 88.1 | 83 | 93.7 | 88 | 6 | 46-120/26 |
| 85-01-8 | Phenanthrene | ND | 106 | 90.6 | 85 | 92.0 | 86 | 2 | 51-117/25 |
| 129-00-0 | Pyrene | ND | 106 | 96.5 | 91 | 98.0 | 92 | 2 | 45-130/29 |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | ND | 106 | 88.3 | 83 | 89.2 | 84 | 1 | 29-109/31 |

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JB58123
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|----------|----|----------|----|-----------|------------|------------------|
| OP72181-MS | F32444.D | 1 | 01/24/14 | JL | 01/23/14 | OP72181 | EF5525 |
| OP72181-MSD | F32445.D | 1 | 01/24/14 | JL | 01/23/14 | OP72181 | EF5525 |
| JB58302-1 | F32446.D | 1 | 01/24/14 | JL | 01/23/14 | OP72181 | EF5525 |

The QC reported here applies to the following samples:

Method: SW846 8270D

JB58302-1

| CAS No. | Surrogate Recoveries | MS | MSD | JB58302-1 | Limits |
|-----------|----------------------|------|------|-----------|---------|
| 367-12-4 | 2-Fluorophenol | 78% | 73% | 45% | 10-110% |
| 4165-62-2 | Phenol-d5 | 65% | 60% | 30% | 10-110% |
| 118-79-6 | 2,4,6-Tribromophenol | 101% | 103% | 100% | 29-139% |
| 4165-60-0 | Nitrobenzene-d5 | 83% | 82% | 97% | 28-131% |
| 321-60-8 | 2-Fluorobiphenyl | 88% | 90% | 89% | 30-121% |
| 1718-51-0 | Terphenyl-d14 | 95% | 94% | 64% | 16-147% |

(a) Outside control limits due to matrix interference.

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JB58123
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|-----------|----|----------|----|-----------|------------|------------------|
| OP72256-MS | M101366.D | 1 | 01/27/14 | KR | 01/27/14 | OP72256 | EM4129 |
| OP72256-MSD | M101367.D | 1 | 01/27/14 | KR | 01/27/14 | OP72256 | EM4129 |
| JB58335-2 | M101368.D | 1 | 01/27/14 | KR | 01/27/14 | OP72256 | EM4129 |

The QC reported here applies to the following samples:

Method: SW846 8270D

JB58302-2, JB58302-3

| CAS No. | Compound | JB58335-2 ug/l | Spike Q | ug/l | MS ug/l | MS % | MSD ug/l | MSD % | RPD | Limits Rec/RPD |
|-----------|----------------------------|-------------------|------------|------|------------|---------|-------------|----------|-----------|-------------------|
| 95-57-8 | 2-Chlorophenol | ND | 100 | 83.9 | 84 | 77.8 | 78 | 8 | 30-106/33 | |
| 59-50-7 | 4-Chloro-3-methyl phenol | ND | 100 | 86.7 | 87 | 79.7 | 80 | 8 | 40-130/28 | |
| 120-83-2 | 2,4-Dichlorophenol | ND | 100 | 95.0 | 95 | 87.6 | 88 | 8 | 27-128/34 | |
| 105-67-9 | 2,4-Dimethylphenol | ND | 100 | 86.4 | 86 | 79.0 | 79 | 9 | 32-145/31 | |
| 51-28-5 | 2,4-Dinitrophenol | ND | 200 | 168 | 84 | 162 | 81 | 4 | 10-162/43 | |
| 534-52-1 | 4,6-Dinitro-o-cresol | ND | 100 | 82.7 | 83 | 79.1 | 79 | 4 | 10-147/42 | |
| 95-48-7 | 2-Methylphenol | ND | 100 | 80.3 | 80 | 74.5 | 75 | 7 | 29-111/29 | |
| | 3&4-Methylphenol | ND | 100 | 81.1 | 81 | 75.0 | 75 | 8 | 26-114/29 | |
| 88-75-5 | 2-Nitrophenol | ND | 100 | 96.3 | 96 | 91.3 | 91 | 5 | 27-121/35 | |
| 100-02-7 | 4-Nitrophenol | ND | 100 | 60.0 | 60 | 54.5 | 55 | 10 | 10-135/37 | |
| 87-86-5 | Pentachlorophenol | ND | 100 | 69.2 | 69 | 67.5 | 68 | 2 | 21-133/35 | |
| 108-95-2 | Phenol | ND | 100 | 57.1 | 57 | 51.0 | 51 | 11 | 10-110/33 | |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | ND | 100 | 87.0 | 87 | 81.6 | 82 | 6 | 30-128/33 | |
| 95-95-4 | 2,4,5-Trichlorophenol | ND | 100 | 92.5 | 93 | 86.7 | 87 | 6 | 35-128/30 | |
| 88-06-2 | 2,4,6-Trichlorophenol | ND | 100 | 101 | 101 | 92.8 | 93 | 8 | 31-130/34 | |
| 83-32-9 | Acenaphthene | ND | 100 | 93.1 | 93 | 88.2 | 88 | 5 | 41-112/29 | |
| 208-96-8 | Acenaphthylene | ND | 100 | 81.1 | 81 | 76.5 | 77 | 6 | 42-101/29 | |
| 98-86-2 | Acetophenone | ND | 100 | 86.7 | 87 | 82.7 | 83 | 5 | 24-142/31 | |
| 120-12-7 | Anthracene | ND | 100 | 97.7 | 98 | 88.9 | 89 | 9 | 52-122/26 | |
| 1912-24-9 | Atrazine | ND | 100 | 101 | 101 | 97.5 | 98 | 4 | 42-160/26 | |
| 100-52-7 | Benzaldehyde | ND | 100 | 91.8 | 92 | 89.9 | 90 | 2 | 17-130/33 | |
| 56-55-3 | Benzo(a)anthracene | ND | 100 | 91.9 | 92 | 87.5 | 88 | 5 | 50-122/26 | |
| 50-32-8 | Benzo(a)pyrene | ND | 100 | 104 | 104 | 94.9 | 95 | 9 | 51-127/27 | |
| 205-99-2 | Benzo(b)fluoranthene | ND | 100 | 107 | 107 | 97.8 | 98 | 9 | 47-132/31 | |
| 191-24-2 | Benzo(g,h,i)perylene | ND | 100 | 98.5 | 99 | 91.5 | 92 | 7 | 47-129/29 | |
| 207-08-9 | Benzo(k)fluoranthene | ND | 100 | 106 | 106 | 97.4 | 97 | 8 | 43-130/29 | |
| 101-55-3 | 4-Bromophenyl phenyl ether | ND | 100 | 94.0 | 94 | 85.7 | 86 | 9 | 51-122/26 | |
| 85-68-7 | Butyl benzyl phthalate | ND | 100 | 93.6 | 94 | 91.6 | 92 | 2 | 37-145/29 | |
| 92-52-4 | 1,1'-Biphenyl | ND | 100 | 93.0 | 93 | 88.3 | 88 | 5 | 40-122/30 | |
| 91-58-7 | 2-Chloronaphthalene | ND | 100 | 86.4 | 86 | 83.5 | 84 | 3 | 36-108/30 | |
| 106-47-8 | 4-Chloroaniline | ND | 100 | 27.8 | 28 | 27.3 | 27 | 2 | 24-110/32 | |
| 86-74-8 | Carbazole | ND | 100 | 92.8 | 93 | 86.5 | 87 | 7 | 47-128/25 | |
| 105-60-2 | Caprolactam | ND | 100 | 41.1 | 41 | 37.7 | 38 | 9 | 10-110/44 | |
| 218-01-9 | Chrysene | ND | 100 | 93.9 | 94 | 90.8 | 91 | 3 | 51-124/27 | |
| 111-91-1 | bis(2-Chloroethoxy)methane | ND | 100 | 97.4 | 97 | 89.8 | 90 | 8 | 43-120/31 | |
| 111-44-4 | bis(2-Chloroethyl)ether | ND | 100 | 93.0 | 93 | 87.5 | 88 | 6 | 33-115/34 | |

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JB58123
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|-----------|----|----------|----|-----------|------------|------------------|
| OP72256-MS | M101366.D | 1 | 01/27/14 | KR | 01/27/14 | OP72256 | EM4129 |
| OP72256-MSD | M101367.D | 1 | 01/27/14 | KR | 01/27/14 | OP72256 | EM4129 |
| JB58335-2 | M101368.D | 1 | 01/27/14 | KR | 01/27/14 | OP72256 | EM4129 |

The QC reported here applies to the following samples:

Method: SW846 8270D

JB58302-2, JB58302-3

| CAS No. | Compound | JB58335-2 | | MS ug/l | MS % | MSD | | RPD | Limits Rec/RPD | |
|-----------|-----------------------------|-----------|---|---------|------|------|------|-----|----------------|-----------|
| | | ug/l | Q | | | ug/l | % | | | |
| 108-60-1 | bis(2-Chloroisopropyl)ether | ND | | 100 | 88.3 | 88 | 81.9 | 82 | 8 | 28-114/33 |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | ND | | 100 | 92.2 | 92 | 86.7 | 87 | 6 | 46-118/29 |
| 121-14-2 | 2,4-Dinitrotoluene | ND | | 100 | 101 | 101 | 93.4 | 93 | 8 | 49-129/27 |
| 606-20-2 | 2,6-Dinitrotoluene | ND | | 100 | 98.5 | 99 | 92.1 | 92 | 7 | 52-129/26 |
| 91-94-1 | 3,3'-Dichlorobenzidine | ND | | 200 | 54.9 | 27 | 78.0 | 39 | 35* a | 14-119/33 |
| 123-91-1 | 1,4-Dioxane | ND | | 100 | 72.3 | 72 | 67.8 | 68 | 6 | 10-110/36 |
| 53-70-3 | Dibenzo(a,h)anthracene | ND | | 100 | 97.8 | 98 | 90.4 | 90 | 8 | 49-130/28 |
| 132-64-9 | Dibenzofuran | ND | | 100 | 91.6 | 92 | 85.2 | 85 | 7 | 44-114/28 |
| 84-74-2 | Di-n-butyl phthalate | ND | | 100 | 99.1 | 99 | 92.1 | 92 | 7 | 47-131/27 |
| 117-84-0 | Di-n-octyl phthalate | ND | | 100 | 98.5 | 99 | 91.0 | 91 | 8 | 47-148/29 |
| 84-66-2 | Diethyl phthalate | ND | | 100 | 91.5 | 92 | 85.5 | 86 | 7 | 32-131/29 |
| 131-11-3 | Dimethyl phthalate | ND | | 100 | 94.6 | 95 | 87.4 | 87 | 8 | 26-132/33 |
| 117-81-7 | bis(2-Ethylhexyl)phthalate | ND | | 100 | 88.1 | 88 | 85.4 | 85 | 3 | 48-144/27 |
| 206-44-0 | Fluoranthene | ND | | 100 | 96.5 | 97 | 89.2 | 89 | 8 | 51-123/27 |
| 86-73-7 | Fluorene | ND | | 100 | 97.3 | 97 | 90.8 | 91 | 7 | 50-116/26 |
| 118-74-1 | Hexachlorobenzene | ND | | 100 | 89.5 | 90 | 83.3 | 83 | 7 | 45-123/26 |
| 87-68-3 | Hexachlorobutadiene | ND | | 100 | 66.3 | 66 | 66.1 | 66 | 0 | 10-113/35 |
| 77-47-4 | Hexachlorocyclopentadiene | ND | | 200 | 154 | 77 | 149 | 75 | 3 | 10-113/37 |
| 67-72-1 | Hexachloroethane | ND | | 100 | 66.0 | 66 | 68.2 | 68 | 3 | 15-110/37 |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | ND | | 100 | 93.3 | 93 | 85.0 | 85 | 9 | 48-131/27 |
| 78-59-1 | Isophorone | ND | | 100 | 91.2 | 91 | 85.6 | 86 | 6 | 42-119/30 |
| 91-57-6 | 2-Methylnaphthalene | ND | | 100 | 78.2 | 78 | 75.3 | 75 | 4 | 22-120/32 |
| 88-74-4 | 2-Nitroaniline | ND | | 100 | 91.2 | 91 | 84.0 | 84 | 8 | 43-138/29 |
| 99-09-2 | 3-Nitroaniline | ND | | 100 | 41.6 | 42 | 47.3 | 47 | 13 | 34-116/26 |
| 100-01-6 | 4-Nitroaniline | ND | | 100 | 78.6 | 79 | 70.9 | 71 | 10 | 36-131/28 |
| 91-20-3 | Naphthalene | ND | | 100 | 77.5 | 78 | 73.5 | 74 | 5 | 25-108/32 |
| 98-95-3 | Nitrobenzene | ND | | 100 | 95.5 | 96 | 88.3 | 88 | 8 | 29-128/32 |
| 621-64-7 | N-Nitroso-di-n-propylamine | ND | | 100 | 85.7 | 86 | 80.3 | 80 | 7 | 35-120/31 |
| 86-30-6 | N-Nitrosodiphenylamine | ND | | 100 | 91.7 | 92 | 85.5 | 86 | 7 | 46-120/26 |
| 85-01-8 | Phenanthrene | ND | | 100 | 93.7 | 94 | 87.1 | 87 | 7 | 51-117/25 |
| 129-00-0 | Pyrene | ND | | 100 | 96.8 | 97 | 92.9 | 93 | 4 | 45-130/29 |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | ND | | 100 | 78.3 | 78 | 74.8 | 75 | 5 | 29-109/31 |

* = Outside of Control Limits.

7.3.3
 7

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JB58123
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|-----------|----|----------|----|-----------|------------|------------------|
| OP72256-MS | M101366.D | 1 | 01/27/14 | KR | 01/27/14 | OP72256 | EM4129 |
| OP72256-MSD | M101367.D | 1 | 01/27/14 | KR | 01/27/14 | OP72256 | EM4129 |
| JB58335-2 | M101368.D | 1 | 01/27/14 | KR | 01/27/14 | OP72256 | EM4129 |

The QC reported here applies to the following samples:

Method: SW846 8270D

JB58302-2, JB58302-3

| CAS No. | Surrogate Recoveries | MS | MSD | JB58335-2 | Limits |
|-----------|----------------------|-----|-----|-----------|---------|
| 367-12-4 | 2-Fluorophenol | 68% | 63% | 49% | 10-110% |
| 4165-62-2 | Phenol-d5 | 52% | 48% | 30% | 10-110% |
| 118-79-6 | 2,4,6-Tribromophenol | 86% | 83% | 90% | 29-139% |
| 4165-60-0 | Nitrobenzene-d5 | 87% | 81% | 90% | 28-131% |
| 321-60-8 | 2-Fluorobiphenyl | 88% | 83% | 90% | 30-121% |
| 1718-51-0 | Terphenyl-d14 | 84% | 84% | 70% | 16-147% |

(a) Analytical precision exceeds in-house control limits.

* = Outside of Control Limits.

Instrument Performance Check (DFTPP)

Job Number: JB58123
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| | | | |
|----------------|---------------|-----------------|----------|
| Sample: | E3P1192-DFTPP | Injection Date: | 01/07/14 |
| Lab File ID: | 3P28219.D | Injection Time: | 16:14 |
| Instrument ID: | GCMS3P | | |

| m/e | Ion Abundance Criteria | Raw Abundance | % Relative Abundance | Pass/Fail |
|-----|------------------------------------|---------------|--------------------------|-----------|
| 51 | 30.0 - 60.0% of mass 198 | 66245 | 32.0 | Pass |
| 68 | Less than 2.0% of mass 69 | 1519 | 0.73 (1.67) ^a | Pass |
| 69 | Mass 69 relative abundance | 91156 | 44.0 | Pass |
| 70 | Less than 2.0% of mass 69 | 411 | 0.20 (0.45) ^a | Pass |
| 127 | 40.0 - 60.0% of mass 198 | 107289 | 51.8 | Pass |
| 197 | Less than 1.04% of mass 198 | 562 | 0.27 | Pass |
| 198 | Base peak, 100% relative abundance | 207296 | 100.0 | Pass |
| 199 | 5.0 - 9.0% of mass 198 | 13795 | 6.65 | Pass |
| 275 | 10.0 - 30.0% of mass 198 | 49691 | 24.0 | Pass |
| 365 | 1.0 - 100.0% of mass 198 | 6392 | 3.08 | Pass |
| 441 | Present, but less than mass 443 | 20133 | 9.71 (77.7) ^b | Pass |
| 442 | 40.0 - 100.0% of mass 198 | 135104 | 65.2 | Pass |
| 443 | 17.0 - 23.0% of mass 442 | 25913 | 12.5 (19.2) ^c | Pass |

- (a) Value is % of mass 69
- (b) Value is % of mass 443
- (c) Value is % of mass 442

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

| Lab Sample ID | Lab File ID | Date Analyzed | Time Analyzed | Hours Lapsed | Client Sample ID |
|-----------------|-------------|---------------|---------------|--------------|-----------------------------|
| E3P1192-ICC1192 | 3P28220.D | 01/07/14 | 16:26 | 00:12 | Initial cal 50 |
| E3P1192-IC1192 | 3P28221.D | 01/07/14 | 16:51 | 00:37 | Initial cal 100 |
| E3P1192-IC1192 | 3P28222.D | 01/07/14 | 17:16 | 01:02 | Initial cal 1 |
| E3P1192-IC1192 | 3P28223.D | 01/07/14 | 17:40 | 01:26 | Initial cal 80 |
| E3P1192-IC1192 | 3P28224.D | 01/07/14 | 18:05 | 01:51 | Initial cal 25 |
| E3P1192-IC1192 | 3P28225.D | 01/07/14 | 18:30 | 02:16 | Initial cal 10 |
| E3P1192-IC1192 | 3P28226.D | 01/07/14 | 18:55 | 02:41 | Initial cal 5 |
| E3P1192-IC1192 | 3P28227.D | 01/07/14 | 19:20 | 03:06 | Initial cal 2 |
| E3P1192-ICV1192 | 3P28236.D | 01/07/14 | 23:02 | 06:48 | Initial cal verification 50 |
| E3P1192-ICV1192 | 3P28237.D | 01/07/14 | 23:27 | 07:13 | Initial cal verification 50 |
| E3P1192-ICV1192 | 3P28238.D | 01/07/14 | 23:51 | 07:37 | Initial cal verification 50 |
| E3P1192-ICV1192 | 3P28239.D | 01/08/14 | 00:16 | 08:02 | Initial cal verification 50 |
| E3P1192-ICV1192 | 3P28241.D | 01/08/14 | 01:05 | 08:51 | Initial cal verification 50 |

7.4.1
7

Instrument Performance Check (DFTPP)

Job Number: JB58123
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| | | | |
|----------------|---------------|-----------------|----------|
| Sample: | E3P1194-DFTPP | Injection Date: | 01/08/14 |
| Lab File ID: | 3P28248.D | Injection Time: | 11:19 |
| Instrument ID: | GCMS3P | | |

| m/e | Ion Abundance Criteria | Raw Abundance | % Relative Abundance | Pass/Fail |
|-----|------------------------------------|---------------|--------------------------|-----------|
| 51 | 30.0 - 60.0% of mass 198 | 119644 | 32.0 | Pass |
| 68 | Less than 2.0% of mass 69 | 3126 | 0.84 (1.88) ^a | Pass |
| 69 | Mass 69 relative abundance | 165884 | 44.4 | Pass |
| 70 | Less than 2.0% of mass 69 | 804 | 0.22 (0.48) ^a | Pass |
| 127 | 40.0 - 60.0% of mass 198 | 195320 | 52.3 | Pass |
| 197 | Less than 1.04% of mass 198 | 998 | 0.27 | Pass |
| 198 | Base peak, 100% relative abundance | 373344 | 100.0 | Pass |
| 199 | 5.0 - 9.0% of mass 198 | 25563 | 6.85 | Pass |
| 275 | 10.0 - 30.0% of mass 198 | 91195 | 24.4 | Pass |
| 365 | 1.0 - 100.0% of mass 198 | 12001 | 3.21 | Pass |
| 441 | Present, but less than mass 443 | 43981 | 11.8 (77.3) ^b | Pass |
| 442 | 40.0 - 100.0% of mass 198 | 299093 | 80.1 | Pass |
| 443 | 17.0 - 23.0% of mass 442 | 56877 | 15.2 (19.0) ^c | Pass |

- (a) Value is % of mass 69
- (b) Value is % of mass 443
- (c) Value is % of mass 442

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

| Lab Sample ID | Lab File ID | Date Analyzed | Time Analyzed | Hours Lapsed | Client Sample ID |
|-----------------|-------------|---------------|---------------|--------------|-----------------------------|
| E3P1194-ICC1194 | 3P28249.D | 01/08/14 | 11:33 | 00:14 | Initial cal 50 |
| E3P1194-IC1194 | 3P28250.D | 01/08/14 | 11:58 | 00:39 | Initial cal 100 |
| E3P1194-IC1194 | 3P28251.D | 01/08/14 | 12:22 | 01:03 | Initial cal 1 |
| E3P1194-IC1194 | 3P28252.D | 01/08/14 | 12:47 | 01:28 | Initial cal 80 |
| E3P1194-IC1194 | 3P28253.D | 01/08/14 | 13:13 | 01:54 | Initial cal 25 |
| E3P1194-IC1194 | 3P28254.D | 01/08/14 | 13:37 | 02:18 | Initial cal 10 |
| E3P1194-IC1194 | 3P28255.D | 01/08/14 | 14:02 | 02:43 | Initial cal 5 |
| E3P1194-IC1194 | 3P28256.D | 01/08/14 | 14:27 | 03:08 | Initial cal 2 |
| E3P1194-ICV1194 | 3P28257.D | 01/08/14 | 14:52 | 03:33 | Initial cal verification 50 |
| E3P1194-ICV1194 | 3P28258.D | 01/08/14 | 15:17 | 03:58 | Initial cal verification 50 |
| E3P1194-ICV1194 | 3P28260.D | 01/08/14 | 16:07 | 04:48 | Initial cal verification 50 |
| E3P1194-ICV1194 | 3P28261.D | 01/08/14 | 16:33 | 05:14 | Initial cal verification 50 |
| E3P1194-ICV1194 | 3P28262A.D | 01/08/14 | 17:23 | 06:04 | Initial cal verification 50 |

7.4.2
7

Instrument Performance Check (DFTPP)

Job Number: JB58123
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| | | | |
|----------------|---------------|-----------------|----------|
| Sample: | E3P1217-DFTPP | Injection Date: | 01/23/14 |
| Lab File ID: | 3P28758.D | Injection Time: | 19:27 |
| Instrument ID: | GCMS3P | | |

| m/e | Ion Abundance Criteria | Raw Abundance | % Relative Abundance | Pass/Fail |
|-----|------------------------------------|---------------|--------------------------|-----------|
| 51 | 30.0 - 60.0% of mass 198 | 69139 | 35.5 | Pass |
| 68 | Less than 2.0% of mass 69 | 1520 | 0.78 (1.65) ^a | Pass |
| 69 | Mass 69 relative abundance | 91935 | 47.2 | Pass |
| 70 | Less than 2.0% of mass 69 | 53 | 0.03 (0.06) ^a | Pass |
| 127 | 40.0 - 60.0% of mass 198 | 101293 | 52.0 | Pass |
| 197 | Less than 1.04% of mass 198 | 0 | 0.00 | Pass |
| 198 | Base peak, 100% relative abundance | 194891 | 100.0 | Pass |
| 199 | 5.0 - 9.0% of mass 198 | 13125 | 6.73 | Pass |
| 275 | 10.0 - 30.0% of mass 198 | 46304 | 23.8 | Pass |
| 365 | 1.0 - 100.0% of mass 198 | 6035 | 3.10 | Pass |
| 441 | Present, but less than mass 443 | 19501 | 10.0 (76.1) ^b | Pass |
| 442 | 40.0 - 100.0% of mass 198 | 135109 | 69.3 | Pass |
| 443 | 17.0 - 23.0% of mass 442 | 25614 | 13.1 (19.0) ^c | Pass |

- (a) Value is % of mass 69
- (b) Value is % of mass 443
- (c) Value is % of mass 442

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

| Lab Sample ID | Lab File ID | Date Analyzed | Time Analyzed | Hours Lapsed | Client Sample ID |
|----------------|-------------|---------------|---------------|--------------|--------------------|
| E3P1217-CC1192 | 3P28759.D | 01/23/14 | 19:37 | 00:10 | Continuing cal 25 |
| E3P1217-CC1194 | 3P28760.D | 01/23/14 | 20:05 | 00:38 | Continuing cal 25 |
| OP72181-MB1 | 3P28764.D | 01/23/14 | 21:49 | 02:22 | Method Blank |
| OP72181-BS1 | 3P28765.D | 01/23/14 | 22:14 | 02:47 | Blank Spike |
| OP72181-BS14 | 3P28766.D | 01/23/14 | 22:39 | 03:12 | Blank Spike |
| ZZZZZZ | 3P28770.D | 01/24/14 | 00:19 | 04:52 | (unrelated sample) |
| ZZZZZZ | 3P28779.D | 01/24/14 | 04:05 | 08:38 | (unrelated sample) |
| ZZZZZZ | 3P28781.D | 01/24/14 | 04:56 | 09:29 | (unrelated sample) |

7.4.3
7

Instrument Performance Check (DFTPP)

Job Number: JB58123
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| | | | |
|----------------|--------------|-----------------|----------|
| Sample: | EF5517-DFTPP | Injection Date: | 01/17/14 |
| Lab File ID: | F32293.D | Injection Time: | 12:39 |
| Instrument ID: | GCM5F | | |

| m/e | Ion Abundance Criteria | Raw Abundance | % Relative Abundance | Pass/Fail |
|-----|------------------------------------|---------------|--------------------------|-----------|
| 51 | 30.0 - 60.0% of mass 198 | 45124 | 30.6 | Pass |
| 68 | Less than 2.0% of mass 69 | 445 | 0.30 (0.79) ^a | Pass |
| 69 | Mass 69 relative abundance | 56065 | 38.0 | Pass |
| 70 | Less than 2.0% of mass 69 | 377 | 0.26 (0.67) ^a | Pass |
| 127 | 40.0 - 60.0% of mass 198 | 79362 | 53.8 | Pass |
| 197 | Less than 1.0% of mass 198 | 368 | 0.25 | Pass |
| 198 | Base peak, 100% relative abundance | 147565 | 100.0 | Pass |
| 199 | 5.0 - 9.0% of mass 198 | 10176 | 6.90 | Pass |
| 275 | 10.0 - 30.0% of mass 198 | 28786 | 19.5 | Pass |
| 365 | 1.0 - 100.0% of mass 198 | 3147 | 2.13 | Pass |
| 441 | Present, but less than mass 443 | 13755 | 9.32 (76.7) ^b | Pass |
| 442 | 40.0 - 100.0% of mass 198 | 87352 | 59.2 | Pass |
| 443 | 17.0 - 23.0% of mass 442 | 17939 | 12.2 (20.5) ^c | Pass |

- (a) Value is % of mass 69
- (b) Value is % of mass 443
- (c) Value is % of mass 442

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

| Lab Sample ID | Lab File ID | Date Analyzed | Time Analyzed | Hours Lapsed | Client Sample ID |
|----------------|-------------|---------------|---------------|--------------|-----------------------------|
| EF5517-IC5517 | F32294.D | 01/17/14 | 12:50 | 00:11 | Initial cal 100 |
| EF5517-IC5517 | F32295.D | 01/17/14 | 13:19 | 00:40 | Initial cal 1 |
| EF5517-ICC5517 | F32296.D | 01/17/14 | 13:48 | 01:09 | Initial cal 50 |
| EF5517-IC5517 | F32297.D | 01/17/14 | 14:17 | 01:38 | Initial cal 2 |
| EF5517-IC5517 | F32298.D | 01/17/14 | 14:45 | 02:06 | Initial cal 25 |
| EF5517-IC5517 | F32299.D | 01/17/14 | 15:14 | 02:35 | Initial cal 80 |
| EF5517-IC5517 | F32300.D | 01/17/14 | 15:43 | 03:04 | Initial cal 10 |
| EF5517-IC5517 | F32301.D | 01/17/14 | 16:12 | 03:33 | Initial cal 5 |
| EF5517-IC5517 | F32302.D | 01/17/14 | 17:04 | 04:25 | Initial cal 100 |
| EF5517-IC5517 | F32303.D | 01/17/14 | 17:32 | 04:53 | Initial cal 80 |
| EF5517-IC5517 | F32308.D | 01/17/14 | 18:01 | 05:22 | Initial cal 2 |
| EF5517-IC5517 | F32309.D | 01/17/14 | 18:29 | 05:50 | Initial cal 1 |
| EF5517-IC5517 | F32304.D | 01/17/14 | 18:58 | 06:19 | Initial cal 50 |
| EF5517-IC5517 | F32305.D | 01/17/14 | 19:27 | 06:48 | Initial cal 25 |
| EF5517-IC5517 | F32306.D | 01/17/14 | 19:56 | 07:17 | Initial cal 10 |
| EF5517-IC5517 | F32307.D | 01/17/14 | 20:24 | 07:45 | Initial cal 5 |
| EF5517-ICV5517 | F32310.D | 01/17/14 | 20:53 | 08:14 | Initial cal verification 50 |
| EF5517-ICV5517 | F32311.D | 01/17/14 | 21:22 | 08:43 | Initial cal verification 50 |
| EF5517-ICV5517 | F32313.D | 01/17/14 | 22:19 | 09:40 | Initial cal verification 50 |

7.4.4
7

Instrument Performance Check (DFTPP)

Job Number: JB58123
Account: AKRFNYNY AKRF
Project: Flushing Commons, Union Street, Flushing, NY

| | |
|------------------------------|---------------------------------|
| Sample: EF5517-DFTPP | Injection Date: 01/17/14 |
| Lab File ID: F32293.D | Injection Time: 12:39 |
| Instrument ID: GCMSF | |

| Lab Sample ID | Lab File ID | Date Analyzed | Time Analyzed | Hours Lapsed | Client Sample ID |
|----------------|-------------|---------------|---------------|--------------|-----------------------------|
| EF5517-ICV5517 | F32314.D | 01/17/14 | 22:48 | 10:09 | Initial cal verification 50 |
| EF5517-ICV5517 | F32315.D | 01/17/14 | 23:17 | 10:38 | Initial cal verification 50 |

7.4.4
7

Instrument Performance Check (DFTPP)

Job Number: JB58123
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| | | | |
|----------------|--------------|-----------------|----------|
| Sample: | EF5520-DFTPP | Injection Date: | 01/21/14 |
| Lab File ID: | F32355.D | Injection Time: | 09:58 |
| Instrument ID: | GCM5F | | |

| m/e | Ion Abundance Criteria | Raw Abundance | % Relative Abundance | Pass/Fail |
|-----|------------------------------------|---------------|--------------------------|-----------|
| 51 | 30.0 - 60.0% of mass 198 | 37792 | 30.8 | Pass |
| 68 | Less than 2.0% of mass 69 | 634 | 0.52 (1.33) ^a | Pass |
| 69 | Mass 69 relative abundance | 47774 | 38.9 | Pass |
| 70 | Less than 2.0% of mass 69 | 195 | 0.16 (0.41) ^a | Pass |
| 127 | 40.0 - 60.0% of mass 198 | 67010 | 54.6 | Pass |
| 197 | Less than 1.0% of mass 198 | 0 | 0.00 | Pass |
| 198 | Base peak, 100% relative abundance | 122677 | 100.0 | Pass |
| 199 | 5.0 - 9.0% of mass 198 | 8536 | 6.96 | Pass |
| 275 | 10.0 - 30.0% of mass 198 | 23116 | 18.8 | Pass |
| 365 | 1.0 - 100.0% of mass 198 | 2525 | 2.06 | Pass |
| 441 | Present, but less than mass 443 | 11420 | 9.31 (79.7) ^b | Pass |
| 442 | 40.0 - 100.0% of mass 198 | 72256 | 58.9 | Pass |
| 443 | 17.0 - 23.0% of mass 442 | 14326 | 11.7 (19.8) ^c | Pass |

- (a) Value is % of mass 69
- (b) Value is % of mass 443
- (c) Value is % of mass 442

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

| Lab Sample ID | Lab File ID | Date Analyzed | Time Analyzed | Hours Lapsed | Client Sample ID |
|----------------|-------------|---------------|---------------|--------------|-----------------------------|
| EF5520-ICC5520 | F32356.D | 01/21/14 | 10:14 | 00:16 | Initial cal 50 |
| EF5520-IC5520 | F32357.D | 01/21/14 | 10:43 | 00:45 | Initial cal 100 |
| EF5520-IC5520 | F32358.D | 01/21/14 | 11:11 | 01:13 | Initial cal 2 |
| EF5520-IC5520 | F32359.D | 01/21/14 | 11:40 | 01:42 | Initial cal 80 |
| EF5520-IC5520 | F32360.D | 01/21/14 | 12:09 | 02:11 | Initial cal 25 |
| EF5520-IC5520 | F32361.D | 01/21/14 | 12:38 | 02:40 | Initial cal 10 |
| EF5520-IC5520 | F32362.D | 01/21/14 | 13:06 | 03:08 | Initial cal 5 |
| EF5520-IC5520 | F32364.D | 01/21/14 | 14:04 | 04:06 | Initial cal 50 |
| EF5520-IC5520 | F32365.D | 01/21/14 | 14:33 | 04:35 | Initial cal 25 |
| EF5520-IC5520 | F32366.D | 01/21/14 | 15:01 | 05:03 | Initial cal 100 |
| EF5520-IC5520 | F32367.D | 01/21/14 | 15:30 | 05:32 | Initial cal 2 |
| EF5520-IC5520 | F32368.D | 01/21/14 | 15:58 | 06:00 | Initial cal 80 |
| EF5520-IC5520 | F32369.D | 01/21/14 | 16:27 | 06:29 | Initial cal 10 |
| EF5520-IC5520 | F32370.D | 01/21/14 | 16:56 | 06:58 | Initial cal 5 |
| EF5520-ICV5520 | F32373.D | 01/21/14 | 18:22 | 08:24 | Initial cal verification 50 |
| EF5520-ICV5520 | F32374.D | 01/21/14 | 18:50 | 08:52 | Initial cal verification 50 |
| EF5520-ICV5520 | F32375.D | 01/21/14 | 19:19 | 09:21 | Initial cal verification 50 |
| EF5520-ICV5520 | F32376.D | 01/21/14 | 19:48 | 09:50 | Initial cal verification 50 |

7.4.5
7

Instrument Performance Check (DFTPP)

Job Number: JB58123
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| | | | |
|----------------|--------------|-----------------|----------|
| Sample: | EF5524-DFTPP | Injection Date: | 01/23/14 |
| Lab File ID: | F32416.D | Injection Time: | 13:20 |
| Instrument ID: | GCM5F | | |

| m/e | Ion Abundance Criteria | Raw Abundance | % Relative Abundance | Pass/Fail |
|-----|------------------------------------|---------------|--------------------------|-----------|
| 51 | 30.0 - 60.0% of mass 198 | 14140 | 32.2 | Pass |
| 68 | Less than 2.0% of mass 69 | 104 | 0.24 (0.56) ^a | Pass |
| 69 | Mass 69 relative abundance | 18675 | 42.5 | Pass |
| 70 | Less than 2.0% of mass 69 | 80 | 0.18 (0.43) ^a | Pass |
| 127 | 40.0 - 60.0% of mass 198 | 23799 | 54.2 | Pass |
| 197 | Less than 1.0% of mass 198 | 0 | 0.00 | Pass |
| 198 | Base peak, 100% relative abundance | 43941 | 100.0 | Pass |
| 199 | 5.0 - 9.0% of mass 198 | 2941 | 6.69 | Pass |
| 275 | 10.0 - 30.0% of mass 198 | 8592 | 19.6 | Pass |
| 365 | 1.0 - 100.0% of mass 198 | 948 | 2.16 | Pass |
| 441 | Present, but less than mass 443 | 4570 | 10.4 (74.4) ^b | Pass |
| 442 | 40.0 - 100.0% of mass 198 | 30296 | 68.9 | Pass |
| 443 | 17.0 - 23.0% of mass 442 | 6144 | 14.0 (20.3) ^c | Pass |

- (a) Value is % of mass 69
- (b) Value is % of mass 443
- (c) Value is % of mass 442

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

| Lab Sample ID | Lab File ID | Date Analyzed | Time Analyzed | Hours Lapsed | Client Sample ID |
|----------------|-------------|---------------|---------------|--------------|-----------------------------|
| EF5524-ICC5524 | F32417.D | 01/23/14 | 13:33 | 00:13 | Initial cal 50 |
| EF5524-IC5524 | F32418.D | 01/23/14 | 14:02 | 00:42 | Initial cal 100 |
| EF5524-IC5524 | F32419.D | 01/23/14 | 14:30 | 01:10 | Initial cal 2 |
| EF5524-IC5524 | F32420.D | 01/23/14 | 15:01 | 01:41 | Initial cal 80 |
| EF5524-IC5524 | F32421.D | 01/23/14 | 15:30 | 02:10 | Initial cal 25 |
| EF5524-IC5524 | F32422.D | 01/23/14 | 16:19 | 02:59 | Initial cal 10 |
| EF5524-IC5524 | F32423.D | 01/23/14 | 16:47 | 03:27 | Initial cal 5 |
| EF5524-ICV5524 | F32424.D | 01/23/14 | 17:16 | 03:56 | Initial cal verification 50 |

Instrument Performance Check (DFTPP)

Job Number: JB58123
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| | | | |
|----------------|--------------|-----------------|----------|
| Sample: | EF5525-DFTPP | Injection Date: | 01/24/14 |
| Lab File ID: | F32426.D | Injection Time: | 08:45 |
| Instrument ID: | GCMSEF | | |

| m/e | Ion Abundance Criteria | Raw Abundance | % Relative Abundance | Pass/Fail |
|-----|------------------------------------|---------------|--------------------------|-----------|
| 51 | 30.0 - 60.0% of mass 198 | 12769 | 32.3 | Pass |
| 68 | Less than 2.0% of mass 69 | 0 | 0.00 (0.00) ^a | Pass |
| 69 | Mass 69 relative abundance | 17538 | 44.3 | Pass |
| 70 | Less than 2.0% of mass 69 | 0 | 0.00 (0.00) ^a | Pass |
| 127 | 40.0 - 60.0% of mass 198 | 21833 | 55.2 | Pass |
| 197 | Less than 1.0% of mass 198 | 253 | 0.64 | Pass |
| 198 | Base peak, 100% relative abundance | 39562 | 100.0 | Pass |
| 199 | 5.0 - 9.0% of mass 198 | 2803 | 7.09 | Pass |
| 275 | 10.0 - 30.0% of mass 198 | 8230 | 20.8 | Pass |
| 365 | 1.0 - 100.0% of mass 198 | 1073 | 2.71 | Pass |
| 441 | Present, but less than mass 443 | 4162 | 10.5 (68.0) ^b | Pass |
| 442 | 40.0 - 100.0% of mass 198 | 30648 | 77.5 | Pass |
| 443 | 17.0 - 23.0% of mass 442 | 6122 | 15.5 (20.0) ^c | Pass |

- (a) Value is % of mass 69
- (b) Value is % of mass 443
- (c) Value is % of mass 442

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

| Lab Sample ID | Lab File ID | Date Analyzed | Time Analyzed | Hours Lapsed | Client Sample ID |
|---------------|-------------|---------------|---------------|--------------|---|
| EF5525-CC5517 | F32427.D | 01/24/14 | 09:05 | 00:20 | Continuing cal 50 |
| EF5525-CC5517 | F32428.D | 01/24/14 | 09:33 | 00:48 | Continuing cal 50 |
| EF5525-CC5520 | F32429.D | 01/24/14 | 10:02 | 01:17 | Continuing cal 50 |
| EF5525-CC5520 | F32430.D | 01/24/14 | 10:30 | 01:45 | Continuing cal 50 |
| EF5525-CC5524 | F32431.D | 01/24/14 | 10:59 | 02:14 | Continuing cal 50 |
| OP72181-BS13 | F32433.D | 01/24/14 | 11:56 | 03:11 | Blank Spike |
| OP72173-MB1 | F32434.D | 01/24/14 | 12:24 | 03:39 | Method Blank |
| OP72173-BS13 | F32435.D | 01/24/14 | 12:53 | 04:08 | Laboratory Control Sample |
| ZZZZZZ | F32437.D | 01/24/14 | 13:50 | 05:05 | (unrelated sample) |
| ZZZZZZ | F32438.D | 01/24/14 | 15:07 | 06:22 | (unrelated sample) |
| ZZZZZZ | F32439.D | 01/24/14 | 15:36 | 06:51 | (unrelated sample) |
| ZZZZZZ | F32440.D | 01/24/14 | 16:06 | 07:21 | (unrelated sample) |
| JB58302-1 | F32446.D | 01/24/14 | 16:34 | 07:49 | TW-1 |
| ZZZZZZ | F32448.D | 01/24/14 | 17:32 | 08:47 | (unrelated sample) |
| OP72173-MS | F32441.D | 01/24/14 | 18:00 | 09:15 | Matrix Spike |
| OP72173-MSD | F32442.D | 01/24/14 | 18:28 | 09:43 | Matrix Spike Duplicate |
| JB58190-3 | F32443.D | 01/24/14 | 18:57 | 10:12 | (used for QC only; not part of job JB58123) |
| OP72181-MS | F32444.D | 01/24/14 | 19:25 | 10:40 | Matrix Spike |
| OP72181-MSD | F32445.D | 01/24/14 | 19:54 | 11:09 | Matrix Spike Duplicate |

7.4.7
7

Instrument Performance Check (DFTPP)

Job Number: JB58123
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| | | | |
|----------------|--------------|-----------------|----------|
| Sample: | EM4109-DFTPP | Injection Date: | 01/10/14 |
| Lab File ID: | M100869.D | Injection Time: | 17:10 |
| Instrument ID: | GCMSM | | |

| m/e | Ion Abundance Criteria | Raw Abundance | % Relative Abundance | Pass/Fail |
|-----|------------------------------------|---------------|--------------------------|-----------|
| 51 | 30.0 - 60.0% of mass 198 | 52053 | 42.7 | Pass |
| 68 | Less than 2.0% of mass 69 | 0 | 0.00 (0.00) ^a | Pass |
| 69 | Mass 69 relative abundance | 51442 | 42.2 | Pass |
| 70 | Less than 2.0% of mass 69 | 7 | 0.01 (0.01) ^a | Pass |
| 127 | 40.0 - 60.0% of mass 198 | 62069 | 50.9 | Pass |
| 197 | Less than 1.0% of mass 198 | 0 | 0.00 | Pass |
| 198 | Base peak, 100% relative abundance | 121936 | 100.0 | Pass |
| 199 | 5.0 - 9.0% of mass 198 | 8202 | 6.73 | Pass |
| 275 | 10.0 - 30.0% of mass 198 | 22748 | 18.7 | Pass |
| 365 | 1.0 - 100.0% of mass 198 | 2881 | 2.36 | Pass |
| 441 | Present, but less than mass 443 | 12502 | 10.3 (74.5) ^b | Pass |
| 442 | 40.0 - 100.0% of mass 198 | 86647 | 71.1 | Pass |
| 443 | 17.0 - 23.0% of mass 442 | 16776 | 13.8 (19.4) ^c | Pass |

- (a) Value is % of mass 69
- (b) Value is % of mass 443
- (c) Value is % of mass 442

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

| Lab Sample ID | Lab File ID | Date Analyzed | Time Analyzed | Hours Lapsed | Client Sample ID |
|----------------|-------------|---------------|---------------|--------------|-----------------------------|
| EM4109-IC4109 | M100870.D | 01/10/14 | 17:22 | 00:12 | Initial cal 100 |
| EM4109-IC4109 | M100871.D | 01/10/14 | 17:51 | 00:41 | Initial cal 80 |
| EM4109-ICC4109 | M100872.D | 01/10/14 | 18:20 | 01:10 | Initial cal 50 |
| EM4109-IC4109 | M100873.D | 01/10/14 | 18:49 | 01:39 | Initial cal 25 |
| EM4109-IC4109 | M100874.D | 01/10/14 | 19:18 | 02:08 | Initial cal 10 |
| EM4109-IC4109 | M100875.D | 01/10/14 | 19:47 | 02:37 | Initial cal 5 |
| EM4109-IC4109 | M100876.D | 01/10/14 | 20:16 | 03:06 | Initial cal 2 |
| EM4109-IC4109 | M100877.D | 01/10/14 | 20:44 | 03:34 | Initial cal 1 |
| EM4109-IC4109 | M100878.D | 01/10/14 | 21:13 | 04:03 | Initial cal 100 |
| EM4109-IC4109 | M100879.D | 01/10/14 | 21:42 | 04:32 | Initial cal 80 |
| EM4109-IC4109 | M100880.D | 01/10/14 | 22:11 | 05:01 | Initial cal 50 |
| EM4109-IC4109 | M100881.D | 01/10/14 | 22:40 | 05:30 | Initial cal 25 |
| EM4109-IC4109 | M100882.D | 01/10/14 | 23:09 | 05:59 | Initial cal 10 |
| EM4109-IC4109 | M100883.D | 01/10/14 | 23:38 | 06:28 | Initial cal 5 |
| EM4109-IC4109 | M100884.D | 01/11/14 | 00:07 | 06:57 | Initial cal 2 |
| EM4109-IC4109 | M100885.D | 01/11/14 | 00:36 | 07:26 | Initial cal 1 |
| EM4109-ICV4109 | M100886.D | 01/11/14 | 01:04 | 07:54 | Initial cal verification 50 |
| EM4109-ICV4109 | M100887.D | 01/11/14 | 01:33 | 08:23 | Initial cal verification 50 |
| EM4109-ICV4109 | M100888.D | 01/11/14 | 02:02 | 08:52 | Initial cal verification 50 |

7.4.8
7

Instrument Performance Check (DFTPP)

Job Number: JB58123
Account: AKRFNYNY AKRF
Project: Flushing Commons, Union Street, Flushing, NY

| | |
|-------------------------------|---------------------------------|
| Sample: EM4109-DFTPP | Injection Date: 01/10/14 |
| Lab File ID: M100869.D | Injection Time: 17:10 |
| Instrument ID: GCMSM | |

| Lab Sample ID | Lab File ID | Date Analyzed | Time Analyzed | Hours Lapsed | Client Sample ID |
|----------------|-------------|---------------|---------------|--------------|-----------------------------|
| EM4109-ICV4109 | M100889.D | 01/11/14 | 02:31 | 09:21 | Initial cal verification 50 |
| EM4109-ICV4109 | M100890.D | 01/11/14 | 03:00 | 09:50 | Initial cal verification 50 |
| EM4109-ICV4109 | M100892.D | 01/11/14 | 03:57 | 10:47 | Initial cal verification 50 |

7.4.8
7

Instrument Performance Check (DFTPP)

Job Number: JB58123
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| | | | |
|----------------|--------------|-----------------|----------|
| Sample: | EM4122-DFTPP | Injection Date: | 01/21/14 |
| Lab File ID: | M101228.D | Injection Time: | 10:21 |
| Instrument ID: | GCMSM | | |

| m/e | Ion Abundance Criteria | Raw Abundance | % Relative Abundance | Pass/Fail |
|-----|------------------------------------|---------------|--------------------------|-----------|
| 51 | 30.0 - 60.0% of mass 198 | 46722 | 50.9 | Pass |
| 68 | Less than 2.0% of mass 69 | 0 | 0.00 (0.00) ^a | Pass |
| 69 | Mass 69 relative abundance | 45521 | 49.6 | Pass |
| 70 | Less than 2.0% of mass 69 | 138 | 0.15 (0.30) ^a | Pass |
| 127 | 40.0 - 60.0% of mass 198 | 52712 | 57.5 | Pass |
| 197 | Less than 1.0% of mass 198 | 187 | 0.20 | Pass |
| 198 | Base peak, 100% relative abundance | 91720 | 100.0 | Pass |
| 199 | 5.0 - 9.0% of mass 198 | 5957 | 6.49 | Pass |
| 275 | 10.0 - 30.0% of mass 198 | 19228 | 21.0 | Pass |
| 365 | 1.0 - 100.0% of mass 198 | 2346 | 2.56 | Pass |
| 441 | Present, but less than mass 443 | 13367 | 14.6 (73.3) ^b | Pass |
| 442 | 40.0 - 100.0% of mass 198 | 91128 | 99.4 | Pass |
| 443 | 17.0 - 23.0% of mass 442 | 18237 | 19.9 (20.0) ^c | Pass |

- (a) Value is % of mass 69
- (b) Value is % of mass 443
- (c) Value is % of mass 442

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

| Lab Sample ID | Lab File ID | Date Analyzed | Time Analyzed | Hours Lapsed | Client Sample ID |
|---------------|-------------|---------------|---------------|--------------|---|
| EM4122-CC4109 | M101229.D | 01/21/14 | 10:46 | 00:25 | Continuing cal 50 |
| EM4122-CC4109 | M101230.D | 01/21/14 | 11:20 | 00:59 | Continuing cal 50 |
| OP72120-MB1 | M101231.D | 01/21/14 | 11:50 | 01:29 | Method Blank |
| OP72120-BS1 | M101232.D | 01/21/14 | 12:19 | 01:58 | Blank Spike |
| OP72120-MS | M101233.D | 01/21/14 | 12:48 | 02:27 | Matrix Spike |
| OP72120-MSD | M101234.D | 01/21/14 | 13:17 | 02:56 | Matrix Spike Duplicate |
| JB58080-7 | M101235.D | 01/21/14 | 13:45 | 03:24 | (used for QC only; not part of job JB58123) |
| ZZZZZZ | M101236A.D | 01/21/14 | 14:50 | 04:29 | (unrelated sample) |
| ZZZZZZ | M101237.D | 01/21/14 | 15:18 | 04:57 | (unrelated sample) |
| ZZZZZZ | M101238.D | 01/21/14 | 15:47 | 05:26 | (unrelated sample) |
| ZZZZZZ | M101239.D | 01/21/14 | 16:16 | 05:55 | (unrelated sample) |
| ZZZZZZ | M101240.D | 01/21/14 | 16:45 | 06:24 | (unrelated sample) |
| ZZZZZZ | M101241.D | 01/21/14 | 17:14 | 06:53 | (unrelated sample) |
| ZZZZZZ | M101242.D | 01/21/14 | 17:43 | 07:22 | (unrelated sample) |
| ZZZZZZ | M101243.D | 01/21/14 | 18:12 | 07:51 | (unrelated sample) |
| ZZZZZZ | M101244.D | 01/21/14 | 18:41 | 08:20 | (unrelated sample) |
| JB58123-1 | M101245.D | 01/21/14 | 19:10 | 08:49 | TW-2 |
| JB58123-2 | M101246.D | 01/21/14 | 19:40 | 09:19 | TW-4 |
| ZZZZZZ | M101247.D | 01/21/14 | 20:09 | 09:48 | (unrelated sample) |

7.4.9
7

Instrument Performance Check (DFTPP)

Job Number: JB58123
Account: AKRFNYNY AKRF
Project: Flushing Commons, Union Street, Flushing, NY

| | | | |
|----------------|--------------|-----------------|----------|
| Sample: | EM4122-DFTPP | Injection Date: | 01/21/14 |
| Lab File ID: | M101228.D | Injection Time: | 10:21 |
| Instrument ID: | GCSM | | |

| Lab Sample ID | Lab File ID | Date Analyzed | Time Analyzed | Hours Lapsed | Client Sample ID |
|---------------|-------------|---------------|---------------|--------------|--------------------|
| ZZZZZZ | M101248.D | 01/21/14 | 20:38 | 10:17 | (unrelated sample) |
| ZZZZZZ | M101249.D | 01/21/14 | 21:07 | 10:46 | (unrelated sample) |
| ZZZZZZ | M101250.D | 01/21/14 | 21:36 | 11:15 | (unrelated sample) |
| ZZZZZZ | M101251.D | 01/21/14 | 22:06 | 11:45 | (unrelated sample) |

7.4.9
7

Instrument Performance Check (DFTPP)

Job Number: JB58123
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| | | | |
|----------------|--------------|-----------------|----------|
| Sample: | EM4129-DFTPP | Injection Date: | 01/27/14 |
| Lab File ID: | M101345.D | Injection Time: | 10:07 |
| Instrument ID: | GCMSM | | |

| m/e | Ion Abundance Criteria | Raw Abundance | % Relative Abundance | Pass/Fail |
|-----|------------------------------------|---------------|--------------------------|-----------|
| 51 | 30.0 - 60.0% of mass 198 | 39901 | 42.2 | Pass |
| 68 | Less than 2.0% of mass 69 | 0 | 0.00 (0.00) ^a | Pass |
| 69 | Mass 69 relative abundance | 40547 | 42.9 | Pass |
| 70 | Less than 2.0% of mass 69 | 470 | 0.50 (1.16) ^a | Pass |
| 127 | 40.0 - 60.0% of mass 198 | 50696 | 53.7 | Pass |
| 197 | Less than 1.0% of mass 198 | 0 | 0.00 | Pass |
| 198 | Base peak, 100% relative abundance | 94490 | 100.0 | Pass |
| 199 | 5.0 - 9.0% of mass 198 | 6984 | 7.39 | Pass |
| 275 | 10.0 - 30.0% of mass 198 | 17570 | 18.6 | Pass |
| 365 | 1.0 - 100.0% of mass 198 | 2407 | 2.55 | Pass |
| 441 | Present, but less than mass 443 | 11160 | 11.8 (78.0) ^b | Pass |
| 442 | 40.0 - 100.0% of mass 198 | 74581 | 78.9 | Pass |
| 443 | 17.0 - 23.0% of mass 442 | 14302 | 15.1 (19.2) ^c | Pass |

- (a) Value is % of mass 69
- (b) Value is % of mass 443
- (c) Value is % of mass 442

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

| Lab Sample ID | Lab File ID | Date Analyzed | Time Analyzed | Hours Lapsed | Client Sample ID |
|---------------|-------------|---------------|---------------|--------------|---|
| EM4129-CC4109 | M101346.D | 01/27/14 | 10:27 | 00:20 | Continuing cal 25 |
| EM4129-CC4109 | M101347.D | 01/27/14 | 11:13 | 01:06 | Continuing cal 25 |
| OP72131-MB1 | M101350.D | 01/27/14 | 12:41 | 02:34 | Method Blank |
| OP72226-MB1 | M101351.D | 01/27/14 | 13:25 | 03:18 | Method Blank |
| ZZZZZZ | M101352.D | 01/27/14 | 13:54 | 03:47 | (unrelated sample) |
| OP72256-MB1 | M101359.D | 01/27/14 | 14:22 | 04:15 | Method Blank |
| OP72256-BS1 | M101360.D | 01/27/14 | 14:51 | 04:44 | Blank Spike |
| ZZZZZZ | M101361.D | 01/27/14 | 15:20 | 05:13 | (unrelated sample) |
| ZZZZZZ | M101353.D | 01/27/14 | 15:49 | 05:42 | (unrelated sample) |
| ZZZZZZ | M101354.D | 01/27/14 | 16:18 | 06:11 | (unrelated sample) |
| ZZZZZZ | M101355.D | 01/27/14 | 16:47 | 06:40 | (unrelated sample) |
| ZZZZZZ | M101356.D | 01/27/14 | 17:16 | 07:09 | (unrelated sample) |
| ZZZZZZ | M101362.D | 01/27/14 | 17:45 | 07:38 | (unrelated sample) |
| JB58302-1 | M101363.D | 01/27/14 | 18:14 | 08:07 | TW-1 |
| JB58302-2 | M101364.D | 01/27/14 | 18:42 | 08:35 | TW-1B |
| JB58302-3 | M101365.D | 01/27/14 | 19:11 | 09:04 | TW-3 |
| OP72256-MS | M101366.D | 01/27/14 | 19:40 | 09:33 | Matrix Spike |
| OP72256-MSD | M101367.D | 01/27/14 | 20:09 | 10:02 | Matrix Spike Duplicate |
| JB58335-2 | M101368.D | 01/27/14 | 20:38 | 10:31 | (used for QC only; not part of job JB58123) |

7.4.10
7

Instrument Performance Check (DFTPP)

Job Number: JB58123
Account: AKRFNYNY AKRF
Project: Flushing Commons, Union Street, Flushing, NY

| | | | |
|----------------|--------------|-----------------|----------|
| Sample: | EM4129-DFTPP | Injection Date: | 01/27/14 |
| Lab File ID: | M101345.D | Injection Time: | 10:07 |
| Instrument ID: | GCMSM | | |

| Lab Sample ID | Lab File ID | Date Analyzed | Time Analyzed | Hours Lapsed | Client Sample ID |
|---------------|-------------|---------------|---------------|--------------|--------------------|
| ZZZZZZ | M101357.D | 01/27/14 | 21:07 | 11:00 | (unrelated sample) |
| ZZZZZZ | M101358.D | 01/27/14 | 21:35 | 11:28 | (unrelated sample) |

7.4.10
7

Semivolatle Surrogate Recovery Summary

Job Number: JB58123
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| | |
|---------------------|------------|
| Method: SW846 8270D | Matrix: AQ |
|---------------------|------------|

Samples and QC shown here apply to the above method

| Lab Sample ID | Lab File ID | S1 | S2 | S3 | S4 | S5 | S6 |
|---------------|-------------|------|------|-------|------|------|-------|
| JB58123-1 | M101245.D | 48.0 | 29.0 | 97.0 | 84.0 | 84.0 | 68.0 |
| JB58123-2 | M101246.D | 44.0 | 28.0 | 97.0 | 74.0 | 73.0 | 85.0 |
| JB58302-1 | M101363.D | 46.0 | 28.0 | 87.0 | 87.0 | 87.0 | 62.0 |
| JB58302-1 | F32446.D | 45.0 | 30.0 | 100.0 | 97.0 | 89.0 | 64.0 |
| JB58302-2 | M101364.D | 47.0 | 29.0 | 86.0 | 88.0 | 89.0 | 62.0 |
| JB58302-3 | M101365.D | 51.0 | 31.0 | 89.0 | 93.0 | 94.0 | 64.0 |
| OP72120-BS1 | M101232.D | 54.0 | 35.0 | 102.0 | 88.0 | 84.0 | 95.0 |
| OP72120-MB1 | M101231.D | 47.0 | 29.0 | 101.0 | 86.0 | 79.0 | 86.0 |
| OP72120-MS | M101233.D | 75.0 | 57.0 | 107.0 | 92.0 | 87.0 | 84.0 |
| OP72120-MSD | M101234.D | 70.0 | 53.0 | 103.0 | 90.0 | 83.0 | 78.0 |
| OP72181-BS1 | 3P28765.D | 50.0 | 35.0 | 98.0 | 74.0 | 87.0 | 101.0 |
| OP72181-BS13 | F32433.D | 48.0 | 32.0 | 94.0 | 93.0 | 87.0 | 94.0 |
| OP72181-BS14 | 3P28766.D | 36.0 | 22.0 | 87.0 | 73.0 | 79.0 | 90.0 |
| OP72181-MB1 | 3P28764.D | 38.0 | 23.0 | 87.0 | 76.0 | 79.0 | 93.0 |
| OP72181-MS | F32444.D | 78.0 | 65.0 | 101.0 | 83.0 | 88.0 | 95.0 |
| OP72181-MSD | F32445.D | 73.0 | 60.0 | 103.0 | 82.0 | 90.0 | 94.0 |
| OP72256-BS1 | M101360.D | 53.0 | 36.0 | 88.0 | 88.0 | 86.0 | 92.0 |
| OP72256-MB1 | M101359.D | 49.0 | 29.0 | 85.0 | 91.0 | 89.0 | 84.0 |
| OP72256-MS | M101366.D | 68.0 | 52.0 | 86.0 | 87.0 | 88.0 | 84.0 |
| OP72256-MSD | M101367.D | 63.0 | 48.0 | 83.0 | 81.0 | 83.0 | 84.0 |

Surrogate Compounds **Recovery Limits**

| | |
|---------------------------|---------|
| S1 = 2-Fluorophenol | 10-110% |
| S2 = Phenol-d5 | 10-110% |
| S3 = 2,4,6-Tribromophenol | 29-139% |
| S4 = Nitrobenzene-d5 | 28-131% |
| S5 = 2-Fluorobiphenyl | 30-121% |
| S6 = Terphenyl-d14 | 16-147% |

7.5.1
7

GC Semi-volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Surrogate Recovery Summaries

Method Blank Summary

Job Number: JB58123
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|----------|----|----------|----|-----------|------------|------------------|
| OP72151-MB1 | 6G8424.D | 1 | 01/22/14 | JN | 01/21/14 | OP72151 | G6G239 |

The QC reported here applies to the following samples:

Method: SW846 8081B

JB58123-1, JB58123-2

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|---------------------|--------|--------|---------|-------|---|
| 309-00-2 | Aldrin | ND | 0.0010 | 0.00079 | ug/l | |
| 319-84-6 | alpha-BHC | ND | 0.0010 | 0.00023 | ug/l | |
| 319-85-7 | beta-BHC | ND | 0.0010 | 0.00023 | ug/l | |
| 319-86-8 | delta-BHC | ND | 0.0010 | 0.00019 | ug/l | |
| 58-89-9 | gamma-BHC (Lindane) | ND | 0.0010 | 0.00017 | ug/l | |
| 5103-71-9 | alpha-Chlordane | ND | 0.0010 | 0.00029 | ug/l | |
| 5103-74-2 | gamma-Chlordane | ND | 0.0010 | 0.00021 | ug/l | |
| 60-57-1 | Dieldrin | ND | 0.0010 | 0.00016 | ug/l | |
| 72-54-8 | 4,4'-DDD | ND | 0.0010 | 0.00025 | ug/l | |
| 72-55-9 | 4,4'-DDE | ND | 0.0010 | 0.00017 | ug/l | |
| 50-29-3 | 4,4'-DDT | ND | 0.0010 | 0.00032 | ug/l | |
| 72-20-8 | Endrin | ND | 0.0010 | 0.00020 | ug/l | |
| 1031-07-8 | Endosulfan sulfate | ND | 0.0010 | 0.00019 | ug/l | |
| 7421-93-4 | Endrin aldehyde | ND | 0.0010 | 0.00037 | ug/l | |
| 53494-70-5 | Endrin ketone | ND | 0.0010 | 0.00047 | ug/l | |
| 959-98-8 | Endosulfan-I | ND | 0.0010 | 0.00028 | ug/l | |
| 33213-65-9 | Endosulfan-II | ND | 0.0010 | 0.00020 | ug/l | |
| 76-44-8 | Heptachlor | ND | 0.0010 | 0.00022 | ug/l | |
| 1024-57-3 | Heptachlor epoxide | ND | 0.0010 | 0.00026 | ug/l | |
| 72-43-5 | Methoxychlor | ND | 0.0020 | 0.00041 | ug/l | |
| 8001-35-2 | Toxaphene | ND | 0.025 | 0.015 | ug/l | |

| CAS No. | Surrogate Recoveries | Limits | |
|-----------|----------------------|--------|---------|
| 877-09-8 | Tetrachloro-m-xylene | 85% | 14-144% |
| 877-09-8 | Tetrachloro-m-xylene | 72% | 14-144% |
| 2051-24-3 | Decachlorobiphenyl | 60% | 10-128% |
| 2051-24-3 | Decachlorobiphenyl | 56% | 10-128% |

Method Blank Summary

Job Number: JB58123
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|----------|----|----------|----|-----------|------------|------------------|
| OP72151-MB1 | 6G8429.D | 1 | 01/22/14 | JN | 01/21/14 | OP72151 | G6G239 |

The QC reported here applies to the following samples:

Method: SW846 8081B

JB58123-1, JB58123-2

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|---------------------|--------|-------|--------|-------|---|
| 309-00-2 | Aldrin | ND | 0.010 | 0.0079 | ug/l | |
| 319-84-6 | alpha-BHC | ND | 0.010 | 0.0023 | ug/l | |
| 319-85-7 | beta-BHC | ND | 0.010 | 0.0023 | ug/l | |
| 319-86-8 | delta-BHC | ND | 0.010 | 0.0019 | ug/l | |
| 58-89-9 | gamma-BHC (Lindane) | ND | 0.010 | 0.0017 | ug/l | |
| 5103-71-9 | alpha-Chlordane | ND | 0.010 | 0.0029 | ug/l | |
| 5103-74-2 | gamma-Chlordane | ND | 0.010 | 0.0021 | ug/l | |
| 60-57-1 | Dieldrin | ND | 0.010 | 0.0016 | ug/l | |
| 72-54-8 | 4,4'-DDD | ND | 0.010 | 0.0025 | ug/l | |
| 72-55-9 | 4,4'-DDE | ND | 0.010 | 0.0017 | ug/l | |
| 50-29-3 | 4,4'-DDT | ND | 0.010 | 0.0032 | ug/l | |
| 72-20-8 | Endrin | ND | 0.010 | 0.0020 | ug/l | |
| 1031-07-8 | Endosulfan sulfate | ND | 0.010 | 0.0019 | ug/l | |
| 7421-93-4 | Endrin aldehyde | ND | 0.010 | 0.0037 | ug/l | |
| 53494-70-5 | Endrin ketone | ND | 0.010 | 0.0047 | ug/l | |
| 959-98-8 | Endosulfan-I | ND | 0.010 | 0.0028 | ug/l | |
| 33213-65-9 | Endosulfan-II | ND | 0.010 | 0.0020 | ug/l | |
| 76-44-8 | Heptachlor | ND | 0.010 | 0.0022 | ug/l | |
| 1024-57-3 | Heptachlor epoxide | ND | 0.010 | 0.0026 | ug/l | |
| 72-43-5 | Methoxychlor | ND | 0.020 | 0.0041 | ug/l | |
| 8001-35-2 | Toxaphene | ND | 0.25 | 0.15 | ug/l | |

| CAS No. | Surrogate Recoveries | Limits | |
|-----------|----------------------|--------|---------|
| 877-09-8 | Tetrachloro-m-xylene | 75% | 14-144% |
| 877-09-8 | Tetrachloro-m-xylene | 69% | 14-144% |
| 2051-24-3 | Decachlorobiphenyl | 79% | 10-128% |
| 2051-24-3 | Decachlorobiphenyl | 72% | 10-128% |

Method Blank Summary

Job Number: JB58123
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|-----------|----|----------|-----|-----------|------------|------------------|
| OP72187-MB1 | 3G82131.D | 1 | 01/23/14 | VDT | 01/23/14 | OP72187 | G3G2808 |

The QC reported here applies to the following samples:

Method: SW846 8081B

JB58302-1, JB58302-2, JB58302-3

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|---------------------|--------|-------|--------|-------|---|
| 309-00-2 | Aldrin | ND | 0.010 | 0.0079 | ug/l | |
| 319-84-6 | alpha-BHC | ND | 0.010 | 0.0023 | ug/l | |
| 319-85-7 | beta-BHC | ND | 0.010 | 0.0023 | ug/l | |
| 319-86-8 | delta-BHC | ND | 0.010 | 0.0019 | ug/l | |
| 58-89-9 | gamma-BHC (Lindane) | ND | 0.010 | 0.0017 | ug/l | |
| 5103-71-9 | alpha-Chlordane | ND | 0.010 | 0.0029 | ug/l | |
| 5103-74-2 | gamma-Chlordane | ND | 0.010 | 0.0021 | ug/l | |
| 60-57-1 | Dieldrin | ND | 0.010 | 0.0016 | ug/l | |
| 72-54-8 | 4,4'-DDD | ND | 0.010 | 0.0025 | ug/l | |
| 72-55-9 | 4,4'-DDE | ND | 0.010 | 0.0017 | ug/l | |
| 50-29-3 | 4,4'-DDT | ND | 0.010 | 0.0032 | ug/l | |
| 72-20-8 | Endrin | ND | 0.010 | 0.0020 | ug/l | |
| 1031-07-8 | Endosulfan sulfate | ND | 0.010 | 0.0019 | ug/l | |
| 7421-93-4 | Endrin aldehyde | ND | 0.010 | 0.0037 | ug/l | |
| 53494-70-5 | Endrin ketone | ND | 0.010 | 0.0047 | ug/l | |
| 959-98-8 | Endosulfan-I | ND | 0.010 | 0.0028 | ug/l | |
| 33213-65-9 | Endosulfan-II | ND | 0.010 | 0.0020 | ug/l | |
| 76-44-8 | Heptachlor | ND | 0.010 | 0.0022 | ug/l | |
| 1024-57-3 | Heptachlor epoxide | ND | 0.010 | 0.0026 | ug/l | |
| 72-43-5 | Methoxychlor | ND | 0.020 | 0.0041 | ug/l | |
| 8001-35-2 | Toxaphene | ND | 0.25 | 0.15 | ug/l | |

| CAS No. | Surrogate Recoveries | Limits | |
|-----------|----------------------|--------|---------|
| 877-09-8 | Tetrachloro-m-xylene | 58% | 14-144% |
| 877-09-8 | Tetrachloro-m-xylene | 60% | 14-144% |
| 2051-24-3 | Decachlorobiphenyl | 62% | 10-128% |
| 2051-24-3 | Decachlorobiphenyl | 58% | 10-128% |

Method Blank Summary

Job Number: JB58123
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------------|-----------|----|----------|-----|-----------|------------|------------------|
| OP72187-MB11 | 3G82135.D | 1 | 01/23/14 | VDT | 01/23/14 | OP72187 | G3G2808 |

The QC reported here applies to the following samples: Method: SW846 8081B

JB58302-1, JB58302-2, JB58302-3

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|---------------------|--------|--------|---------|-------|---|
| 309-00-2 | Aldrin | ND | 0.0010 | 0.00079 | ug/l | |
| 319-84-6 | alpha-BHC | ND | 0.0010 | 0.00023 | ug/l | |
| 319-85-7 | beta-BHC | ND | 0.0010 | 0.00023 | ug/l | |
| 319-86-8 | delta-BHC | ND | 0.0010 | 0.00019 | ug/l | |
| 58-89-9 | gamma-BHC (Lindane) | ND | 0.0010 | 0.00017 | ug/l | |
| 5103-71-9 | alpha-Chlordane | ND | 0.0010 | 0.00029 | ug/l | |
| 5103-74-2 | gamma-Chlordane | ND | 0.0010 | 0.00021 | ug/l | |
| 60-57-1 | Dieldrin | ND | 0.0010 | 0.00016 | ug/l | |
| 72-54-8 | 4,4'-DDD | ND | 0.0010 | 0.00025 | ug/l | |
| 72-55-9 | 4,4'-DDE | ND | 0.0010 | 0.00017 | ug/l | |
| 50-29-3 | 4,4'-DDT | ND | 0.0010 | 0.00032 | ug/l | |
| 72-20-8 | Endrin | ND | 0.0010 | 0.00020 | ug/l | |
| 1031-07-8 | Endosulfan sulfate | ND | 0.0010 | 0.00019 | ug/l | |
| 7421-93-4 | Endrin aldehyde | ND | 0.0010 | 0.00037 | ug/l | |
| 53494-70-5 | Endrin ketone | ND | 0.0010 | 0.00047 | ug/l | |
| 959-98-8 | Endosulfan-I | ND | 0.0010 | 0.00028 | ug/l | |
| 33213-65-9 | Endosulfan-II | ND | 0.0010 | 0.00020 | ug/l | |
| 76-44-8 | Heptachlor | ND | 0.0010 | 0.00022 | ug/l | |
| 1024-57-3 | Heptachlor epoxide | ND | 0.0010 | 0.00026 | ug/l | |
| 72-43-5 | Methoxychlor | ND | 0.0020 | 0.00041 | ug/l | |
| 8001-35-2 | Toxaphene | ND | 0.025 | 0.015 | ug/l | |

| CAS No. | Surrogate Recoveries | Limits | |
|-----------|----------------------|--------|---------|
| 877-09-8 | Tetrachloro-m-xylene | 40% | 14-144% |
| 877-09-8 | Tetrachloro-m-xylene | 40% | 14-144% |
| 2051-24-3 | Decachlorobiphenyl | 55% | 10-128% |
| 2051-24-3 | Decachlorobiphenyl | 52% | 10-128% |

8.1.4
8

Method Blank Summary

Job Number: JB58123
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|------------|----|----------|----|-----------|------------|------------------|
| OP72150-MB1 | EF126570.D | 1 | 01/22/14 | JP | 01/21/14 | OP72150 | GEF4952 |

The QC reported here applies to the following samples:

Method: SW846 8082A

JB58123-1, JB58123-2

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|--------------|--------|------|-------|-------|---|
| 12674-11-2 | Aroclor 1016 | ND | 0.50 | 0.13 | ug/l | |
| 11104-28-2 | Aroclor 1221 | ND | 0.50 | 0.27 | ug/l | |
| 11141-16-5 | Aroclor 1232 | ND | 0.50 | 0.39 | ug/l | |
| 53469-21-9 | Aroclor 1242 | ND | 0.50 | 0.086 | ug/l | |
| 12672-29-6 | Aroclor 1248 | ND | 0.50 | 0.15 | ug/l | |
| 11097-69-1 | Aroclor 1254 | ND | 0.50 | 0.14 | ug/l | |
| 11096-82-5 | Aroclor 1260 | ND | 0.50 | 0.21 | ug/l | |
| 11100-14-4 | Aroclor 1268 | ND | 0.50 | 0.13 | ug/l | |
| 37324-23-5 | Aroclor 1262 | ND | 0.50 | 0.060 | ug/l | |

| CAS No. | Surrogate Recoveries | Limits | |
|-----------|----------------------|--------|---------|
| 877-09-8 | Tetrachloro-m-xylene | 68% | 16-140% |
| 877-09-8 | Tetrachloro-m-xylene | 76% | 16-140% |
| 2051-24-3 | Decachlorobiphenyl | 68% | 10-125% |
| 2051-24-3 | Decachlorobiphenyl | 66% | 10-125% |

Method Blank Summary

Job Number: JB58123
Account: AKRFNYNY AKRF
Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|-----------|----|----------|----|-----------|------------|------------------|
| OP72150-MB1 | 2G91042.D | 1 | 01/23/14 | JP | 01/21/14 | OP72150 | G2G2891 |

The QC reported here applies to the following samples:

Method: SW846 8082A

JB58123-1, JB58123-2

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|--------------|--------|------|-------|-------|---|
| 12674-11-2 | Aroclor 1016 | ND | 0.50 | 0.13 | ug/l | |
| 11104-28-2 | Aroclor 1221 | ND | 0.50 | 0.27 | ug/l | |
| 11141-16-5 | Aroclor 1232 | ND | 0.50 | 0.39 | ug/l | |
| 53469-21-9 | Aroclor 1242 | ND | 0.50 | 0.086 | ug/l | |
| 12672-29-6 | Aroclor 1248 | ND | 0.50 | 0.15 | ug/l | |
| 11097-69-1 | Aroclor 1254 | ND | 0.50 | 0.14 | ug/l | |
| 11096-82-5 | Aroclor 1260 | ND | 0.50 | 0.21 | ug/l | |
| 11100-14-4 | Aroclor 1268 | ND | 0.50 | 0.13 | ug/l | |
| 37324-23-5 | Aroclor 1262 | ND | 0.50 | 0.060 | ug/l | |

| CAS No. | Surrogate Recoveries | | Limits |
|-----------|----------------------|-----|---------|
| 877-09-8 | Tetrachloro-m-xylene | 76% | 16-140% |
| 877-09-8 | Tetrachloro-m-xylene | 71% | 16-140% |
| 2051-24-3 | Decachlorobiphenyl | 94% | 10-125% |
| 2051-24-3 | Decachlorobiphenyl | 79% | 10-125% |

Method Blank Summary

Job Number: JB58123
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------------|-------------|----|----------|----|-----------|------------|------------------|
| OP72150-MB11 | XX144573.D1 | | 01/24/14 | JR | 01/21/14 | OP72150 | GXX4873 |

The QC reported here applies to the following samples:

Method: SW846 8082A

JB58123-1, JB58123-2

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|--------------|--------|-------|--------|-------|---|
| 12674-11-2 | Aroclor 1016 | ND | 0.050 | 0.013 | ug/l | |
| 11104-28-2 | Aroclor 1221 | ND | 0.050 | 0.027 | ug/l | |
| 11141-16-5 | Aroclor 1232 | ND | 0.050 | 0.039 | ug/l | |
| 53469-21-9 | Aroclor 1242 | ND | 0.050 | 0.0086 | ug/l | |
| 12672-29-6 | Aroclor 1248 | ND | 0.050 | 0.015 | ug/l | |
| 11097-69-1 | Aroclor 1254 | ND | 0.050 | 0.014 | ug/l | |
| 11096-82-5 | Aroclor 1260 | ND | 0.050 | 0.021 | ug/l | |
| 11100-14-4 | Aroclor 1268 | ND | 0.050 | 0.013 | ug/l | |
| 37324-23-5 | Aroclor 1262 | ND | 0.050 | 0.0060 | ug/l | |

| CAS No. | Surrogate Recoveries | Limits | |
|-----------|----------------------|--------|---------|
| 877-09-8 | Tetrachloro-m-xylene | 77% | 16-140% |
| 877-09-8 | Tetrachloro-m-xylene | 75% | 16-140% |
| 2051-24-3 | Decachlorobiphenyl | 73% | 10-125% |
| 2051-24-3 | Decachlorobiphenyl | 66% | 10-125% |

Method Blank Summary

Job Number: JB58123
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|-------------|----|----------|----|-----------|------------|------------------|
| OP72186-MB1 | XX144590.D1 | | 01/24/14 | JR | 01/23/14 | OP72186 | GXX4873 |

The QC reported here applies to the following samples:

Method: SW846 8082A

JB58302-1, JB58302-2, JB58302-3

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|--------------|--------|------|-------|-------|---|
| 12674-11-2 | Aroclor 1016 | ND | 0.50 | 0.13 | ug/l | |
| 11104-28-2 | Aroclor 1221 | ND | 0.50 | 0.27 | ug/l | |
| 11141-16-5 | Aroclor 1232 | ND | 0.50 | 0.39 | ug/l | |
| 53469-21-9 | Aroclor 1242 | ND | 0.50 | 0.086 | ug/l | |
| 12672-29-6 | Aroclor 1248 | ND | 0.50 | 0.15 | ug/l | |
| 11097-69-1 | Aroclor 1254 | ND | 0.50 | 0.14 | ug/l | |
| 11096-82-5 | Aroclor 1260 | ND | 0.50 | 0.21 | ug/l | |
| 11100-14-4 | Aroclor 1268 | ND | 0.50 | 0.13 | ug/l | |
| 37324-23-5 | Aroclor 1262 | ND | 0.50 | 0.060 | ug/l | |

| CAS No. | Surrogate Recoveries | Limits | |
|-----------|----------------------|--------|---------|
| 877-09-8 | Tetrachloro-m-xylene | 49% | 16-140% |
| 877-09-8 | Tetrachloro-m-xylene | 51% | 16-140% |
| 2051-24-3 | Decachlorobiphenyl | 52% | 10-125% |
| 2051-24-3 | Decachlorobiphenyl | 46% | 10-125% |

8.1.8
8

Method Blank Summary

Job Number: JB58123
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------------|-------------|----|----------|----|-----------|------------|------------------|
| OP72186-MB11 | XX144592.D1 | | 01/24/14 | JR | 01/23/14 | OP72186 | GXX4873 |

The QC reported here applies to the following samples:

Method: SW846 8082A

JB58302-1, JB58302-2, JB58302-3

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|--------------|--------|-------|--------|-------|---|
| 12674-11-2 | Aroclor 1016 | ND | 0.050 | 0.013 | ug/l | |
| 11104-28-2 | Aroclor 1221 | ND | 0.050 | 0.027 | ug/l | |
| 11141-16-5 | Aroclor 1232 | ND | 0.050 | 0.039 | ug/l | |
| 53469-21-9 | Aroclor 1242 | ND | 0.050 | 0.0086 | ug/l | |
| 12672-29-6 | Aroclor 1248 | ND | 0.050 | 0.015 | ug/l | |
| 11097-69-1 | Aroclor 1254 | ND | 0.050 | 0.014 | ug/l | |
| 11096-82-5 | Aroclor 1260 | ND | 0.050 | 0.021 | ug/l | |
| 11100-14-4 | Aroclor 1268 | ND | 0.050 | 0.013 | ug/l | |
| 37324-23-5 | Aroclor 1262 | ND | 0.050 | 0.0060 | ug/l | |

| CAS No. | Surrogate Recoveries | Limits | |
|-----------|----------------------|--------|---------|
| 877-09-8 | Tetrachloro-m-xylene | 43% | 16-140% |
| 877-09-8 | Tetrachloro-m-xylene | 44% | 16-140% |
| 2051-24-3 | Decachlorobiphenyl | 58% | 10-125% |
| 2051-24-3 | Decachlorobiphenyl | 56% | 10-125% |

Blank Spike Summary

Job Number: JB58123
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| | | | | | | | |
|-------------|----------|----|----------|----|-----------|------------|------------------|
| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
| OP72151-BS1 | 6G8425.D | 1 | 01/22/14 | JN | 01/21/14 | OP72151 | G6G239 |

The QC reported here applies to the following samples:

Method: SW846 8081B

JB58123-1, JB58123-2

| CAS No. | Compound | Spike ug/l | BSP ug/l | BSP % | Limits |
|------------|---------------------|------------|----------|-------|--------|
| 309-00-2 | Aldrin | 0.25 | 0.26 | 104 | 33-147 |
| 319-84-6 | alpha-BHC | 0.25 | 0.27 | 108 | 42-146 |
| 319-85-7 | beta-BHC | 0.25 | 0.25 | 100 | 45-141 |
| 319-86-8 | delta-BHC | 0.25 | 0.27 | 108 | 26-158 |
| 58-89-9 | gamma-BHC (Lindane) | 0.25 | 0.27 | 108 | 43-149 |
| 5103-71-9 | alpha-Chlordane | 0.25 | 0.25 | 100 | 44-143 |
| 5103-74-2 | gamma-Chlordane | 0.25 | 0.26 | 104 | 43-147 |
| 60-57-1 | Dieldrin | 0.25 | 0.26 | 104 | 45-151 |
| 72-54-8 | 4,4'-DDD | 0.25 | 0.27 | 108 | 43-160 |
| 72-55-9 | 4,4'-DDE | 0.25 | 0.26 | 104 | 43-151 |
| 50-29-3 | 4,4'-DDT | 0.25 | 0.28 | 112 | 45-167 |
| 72-20-8 | Endrin | 0.25 | 0.26 | 104 | 47-156 |
| 1031-07-8 | Endosulfan sulfate | 0.25 | 0.26 | 104 | 44-154 |
| 7421-93-4 | Endrin aldehyde | 0.25 | 0.24 | 96 | 38-149 |
| 53494-70-5 | Endrin ketone | 0.25 | 0.27 | 108 | 46-144 |
| 959-98-8 | Endosulfan-I | 0.25 | 0.26 | 104 | 44-145 |
| 33213-65-9 | Endosulfan-II | 0.25 | 0.27 | 108 | 43-155 |
| 76-44-8 | Heptachlor | 0.25 | 0.27 | 108 | 39-144 |
| 1024-57-3 | Heptachlor epoxide | 0.25 | 0.26 | 104 | 45-145 |
| 72-43-5 | Methoxychlor | 0.25 | 0.27 | 108 | 44-171 |

| CAS No. | Surrogate Recoveries | BSP | Limits |
|-----------|----------------------|-----|---------|
| 877-09-8 | Tetrachloro-m-xylene | 97% | 14-144% |
| 877-09-8 | Tetrachloro-m-xylene | 88% | 14-144% |
| 2051-24-3 | Decachlorobiphenyl | 84% | 10-128% |
| 2051-24-3 | Decachlorobiphenyl | 71% | 10-128% |

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JB58123
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| | | | | | | | |
|-------------|-----------|----|----------|-----|-----------|------------|------------------|
| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
| OP72187-BS1 | 3G82156.D | 1 | 01/24/14 | VDT | 01/23/14 | OP72187 | G3G2809 |

The QC reported here applies to the following samples:

Method: SW846 8081B

JB58302-1, JB58302-2, JB58302-3

| CAS No. | Compound | Spike ug/l | BSP ug/l | BSP % | Limits |
|------------|---------------------|---------------|-------------|----------|--------|
| 309-00-2 | Aldrin | 0.25 | 0.19 | 76 | 33-147 |
| 319-84-6 | alpha-BHC | 0.25 | 0.28 | 112 | 42-146 |
| 319-85-7 | beta-BHC | 0.25 | 0.28 | 112 | 45-141 |
| 319-86-8 | delta-BHC | 0.25 | 0.29 | 116 | 26-158 |
| 58-89-9 | gamma-BHC (Lindane) | 0.25 | 0.29 | 116 | 43-149 |
| 5103-71-9 | alpha-Chlordane | 0.25 | 0.26 | 104 | 44-143 |
| 5103-74-2 | gamma-Chlordane | 0.25 | 0.25 | 100 | 43-147 |
| 60-57-1 | Dieldrin | 0.25 | 0.28 | 112 | 45-151 |
| 72-54-8 | 4,4'-DDD | 0.25 | 0.28 | 112 | 43-160 |
| 72-55-9 | 4,4'-DDE | 0.25 | 0.25 | 100 | 43-151 |
| 50-29-3 | 4,4'-DDT | 0.25 | 0.30 | 120 | 45-167 |
| 72-20-8 | Endrin | 0.25 | 0.28 | 112 | 47-156 |
| 1031-07-8 | Endosulfan sulfate | 0.25 | 0.29 | 116 | 44-154 |
| 7421-93-4 | Endrin aldehyde | 0.25 | 0.29 | 116 | 38-149 |
| 53494-70-5 | Endrin ketone | 0.25 | 0.38 | 152* a | 46-144 |
| 959-98-8 | Endosulfan-I | 0.25 | 0.28 | 112 | 44-145 |
| 33213-65-9 | Endosulfan-II | 0.25 | 0.28 | 112 | 43-155 |
| 76-44-8 | Heptachlor | 0.25 | 0.22 | 88 | 39-144 |
| 1024-57-3 | Heptachlor epoxide | 0.25 | 0.28 | 112 | 45-145 |
| 72-43-5 | Methoxychlor | 0.25 | 0.29 | 116 | 44-171 |

| CAS No. | Surrogate Recoveries | BSP | Limits |
|-----------|----------------------|-----|---------|
| 877-09-8 | Tetrachloro-m-xylene | 45% | 14-144% |
| 877-09-8 | Tetrachloro-m-xylene | 47% | 14-144% |
| 2051-24-3 | Decachlorobiphenyl | 45% | 10-128% |
| 2051-24-3 | Decachlorobiphenyl | 42% | 10-128% |

(a) Outside of in house control limits.

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JB58123
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|------------|----|----------|----|-----------|------------|------------------|
| OP72150-BS1 | EF126571.D | 1 | 01/22/14 | JP | 01/21/14 | OP72150 | GEF4952 |

The QC reported here applies to the following samples:

Method: SW846 8082A

JB58123-1, JB58123-2

| CAS No. | Compound | Spike ug/l | BSP ug/l | BSP % | Limits |
|------------|--------------|---------------|-------------|----------|---------------------|
| 12674-11-2 | Aroclor 1016 | 2 | 2.1 | 105 | 63-137 |
| 11104-28-2 | Aroclor 1221 | | ND | | 70-130 |
| 11141-16-5 | Aroclor 1232 | | ND | | 70-130 |
| 53469-21-9 | Aroclor 1242 | | ND | | 70-130 |
| 12672-29-6 | Aroclor 1248 | | ND | | 70-130 |
| 11097-69-1 | Aroclor 1254 | | ND | | 70-130 |
| 11096-82-5 | Aroclor 1260 | 2 | 1.7 | 85 | 56-133 |
| 11100-14-4 | Aroclor 1268 | | ND | | 50-150 ^a |
| 37324-23-5 | Aroclor 1262 | | ND | | 50-150 ^a |

| CAS No. | Surrogate Recoveries | BSP | Limits |
|-----------|----------------------|-----|---------|
| 877-09-8 | Tetrachloro-m-xylene | 57% | 16-140% |
| 877-09-8 | Tetrachloro-m-xylene | 84% | 16-140% |
| 2051-24-3 | Decachlorobiphenyl | 75% | 10-125% |
| 2051-24-3 | Decachlorobiphenyl | 70% | 10-125% |

(a) Advisory control limits.

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JB58123
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|-----------|----|----------|----|-----------|------------|------------------|
| OP72150-BS1 | 2G91043.D | 1 | 01/23/14 | JP | 01/21/14 | OP72150 | G2G2891 |

The QC reported here applies to the following samples:

Method: SW846 8082A

JB58123-1, JB58123-2

| CAS No. | Compound | Spike ug/l | BSP ug/l | BSP % | Limits |
|------------|--------------|------------|----------|-------|---------------------|
| 12674-11-2 | Aroclor 1016 | 2 | 1.8 | 90 | 63-137 |
| 11104-28-2 | Aroclor 1221 | | ND | | 70-130 |
| 11141-16-5 | Aroclor 1232 | | ND | | 70-130 |
| 53469-21-9 | Aroclor 1242 | | ND | | 70-130 |
| 12672-29-6 | Aroclor 1248 | | ND | | 70-130 |
| 11097-69-1 | Aroclor 1254 | | ND | | 70-130 |
| 11096-82-5 | Aroclor 1260 | 2 | 1.8 | 90 | 56-133 |
| 11100-14-4 | Aroclor 1268 | | ND | | 50-150 ^a |
| 37324-23-5 | Aroclor 1262 | | ND | | 50-150 ^a |

| CAS No. | Surrogate Recoveries | BSP | Limits |
|-----------|----------------------|-----|---------|
| 877-09-8 | Tetrachloro-m-xylene | 84% | 16-140% |
| 877-09-8 | Tetrachloro-m-xylene | 77% | 16-140% |
| 2051-24-3 | Decachlorobiphenyl | 95% | 10-125% |
| 2051-24-3 | Decachlorobiphenyl | 82% | 10-125% |

(a) Advisory control limits.

* = Outside of Control Limits.

8.2.4
8

Blank Spike Summary

Job Number: JB58123
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|-------------|----|----------|----|-----------|------------|------------------|
| OP72186-BS1 | XX144591.D1 | | 01/24/14 | JR | 01/23/14 | OP72186 | GXX4873 |

The QC reported here applies to the following samples:

Method: SW846 8082A

JB58302-1, JB58302-2, JB58302-3

| CAS No. | Compound | Spike ug/l | BSP ug/l | BSP % | Limits |
|------------|--------------|------------|----------|-------|---------------------|
| 12674-11-2 | Aroclor 1016 | 2 | 1.4 | 70 | 63-137 |
| 11104-28-2 | Aroclor 1221 | | ND | | 70-130 |
| 11141-16-5 | Aroclor 1232 | | ND | | 70-130 |
| 53469-21-9 | Aroclor 1242 | | ND | | 70-130 |
| 12672-29-6 | Aroclor 1248 | | ND | | 70-130 |
| 11097-69-1 | Aroclor 1254 | | ND | | 70-130 |
| 11096-82-5 | Aroclor 1260 | 2 | 1.7 | 85 | 56-133 |
| 11100-14-4 | Aroclor 1268 | | ND | | 50-150 ^a |
| 37324-23-5 | Aroclor 1262 | | ND | | 50-150 ^a |

| CAS No. | Surrogate Recoveries | BSP | Limits |
|-----------|----------------------|-----|---------|
| 877-09-8 | Tetrachloro-m-xylene | 37% | 16-140% |
| 877-09-8 | Tetrachloro-m-xylene | 38% | 16-140% |
| 2051-24-3 | Decachlorobiphenyl | 60% | 10-125% |
| 2051-24-3 | Decachlorobiphenyl | 73% | 10-125% |

(a) Advisory control limits.

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JB58123
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|----------|----|----------|----|-----------|------------|------------------|
| OP72151-MS | 6G8426.D | 1 | 01/22/14 | JN | 01/21/14 | OP72151 | G6G239 |
| OP72151-MSD | 6G8427.D | 1 | 01/22/14 | JN | 01/21/14 | OP72151 | G6G239 |
| JB58120-2 | 6G8428.D | 1 | 01/22/14 | JN | 01/21/14 | OP72151 | G6G239 |

The QC reported here applies to the following samples:

Method: SW846 8081B

JB58123-1, JB58123-2

| CAS No. | Compound | JB58120-2 ug/l | Spike Q | ug/l | MS ug/l | MS % | MSD ug/l | MSD % | RPD | Limits Rec/RPD |
|------------|---------------------|-------------------|------------|------|------------|---------|-------------|----------|-----------|-------------------|
| 309-00-2 | Aldrin | ND | 0.5 | 0.51 | 102 | 0.49 | 98 | 4 | 25-168/43 | |
| 319-84-6 | alpha-BHC | ND | 0.5 | 0.51 | 102 | 0.45 | 90 | 13 | 32-154/35 | |
| 319-85-7 | beta-BHC | ND | 0.5 | 0.52 | 104 | 0.50 | 100 | 4 | 31-152/37 | |
| 319-86-8 | delta-BHC | ND | 0.5 | 0.60 | 120 | 0.47 | 94 | 24 | 21-167/34 | |
| 58-89-9 | gamma-BHC (Lindane) | ND | 0.5 | 0.51 | 102 | 0.46 | 92 | 10 | 31-154/33 | |
| 5103-71-9 | alpha-Chlordane | ND | 0.5 | 0.49 | 98 | 0.47 | 94 | 4 | 31-149/30 | |
| 5103-74-2 | gamma-Chlordane | ND | 0.5 | 0.51 | 102 | 0.49 | 98 | 4 | 23-157/34 | |
| 60-57-1 | Dieldrin | ND | 0.5 | 0.51 | 102 | 0.49 | 98 | 4 | 33-158/29 | |
| 72-54-8 | 4,4'-DDD | ND | 0.5 | 0.53 | 106 | 0.50 | 100 | 6 | 27-168/31 | |
| 72-55-9 | 4,4'-DDE | ND | 0.5 | 0.49 | 98 | 0.47 | 94 | 4 | 25-157/29 | |
| 50-29-3 | 4,4'-DDT | ND | 0.5 | 0.54 | 108 | 0.51 | 102 | 6 | 23-181/32 | |
| 72-20-8 | Endrin | ND | 0.5 | 0.52 | 104 | 0.50 | 100 | 4 | 40-161/31 | |
| 1031-07-8 | Endosulfan sulfate | ND | 0.5 | 0.52 | 104 | 0.49 | 98 | 6 | 39-159/32 | |
| 7421-93-4 | Endrin aldehyde | ND | 0.5 | 0.51 | 102 | 0.46 | 92 | 10 | 23-155/33 | |
| 53494-70-5 | Endrin ketone | ND | 0.5 | 0.51 | 102 | 0.48 | 96 | 6 | 40-152/31 | |
| 959-98-8 | Endosulfan-I | ND | 0.5 | 0.51 | 102 | 0.48 | 96 | 6 | 29-151/31 | |
| 33213-65-9 | Endosulfan-II | ND | 0.5 | 0.52 | 104 | 0.50 | 100 | 4 | 29-158/33 | |
| 76-44-8 | Heptachlor | ND | 0.5 | 0.50 | 100 | 0.46 | 92 | 8 | 26-155/34 | |
| 1024-57-3 | Heptachlor epoxide | ND | 0.5 | 0.50 | 100 | 0.47 | 94 | 6 | 33-152/33 | |
| 72-43-5 | Methoxychlor | ND | 0.5 | 0.53 | 106 | 0.51 | 102 | 4 | 33-186/32 | |
| 8001-35-2 | Toxaphene | ND | | ND | | ND | | nc | 50-150/30 | |

| CAS No. | Surrogate Recoveries | MS | MSD | JB58120-2 | Limits |
|-----------|----------------------|-----|-----|-----------|---------|
| 877-09-8 | Tetrachloro-m-xylene | 86% | 79% | 85% | 14-144% |
| 877-09-8 | Tetrachloro-m-xylene | 79% | 71% | 78% | 14-144% |
| 2051-24-3 | Decachlorobiphenyl | 78% | 78% | 79% | 10-128% |
| 2051-24-3 | Decachlorobiphenyl | 76% | 72% | 71% | 10-128% |

* = Outside of Control Limits.

8.3.1
 8

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JB58123
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|-----------|----|----------|-----|-----------|------------|------------------|
| OP72187-MS | 3G82157.D | 1 | 01/24/14 | VDT | 01/23/14 | OP72187 | G3G2809 |
| OP72187-MSD | 3G82158.D | 1 | 01/24/14 | VDT | 01/23/14 | OP72187 | G3G2809 |
| JB58302-2 | 3G82138.D | 1 | 01/23/14 | VDT | 01/23/14 | OP72187 | G3G2808 |

The QC reported here applies to the following samples:

Method: SW846 8081B

JB58302-1, JB58302-2, JB58302-3

| CAS No. | Compound | JB58302-2 ug/l | Spike Q ug/l | MS ug/l | MS % | MSD ug/l | MSD % | RPD | Limits Rec/RPD |
|------------|---------------------|-------------------|--------------------|------------|---------|-------------|----------|-----|-------------------|
| 309-00-2 | Aldrin | ND | 0.5 | 0.55 | 110 | 0.63 | 126 | 14 | 25-168/43 |
| 319-84-6 | alpha-BHC | ND | 0.5 | 0.43 | 86 | 0.55 | 110 | 24 | 32-154/35 |
| 319-85-7 | beta-BHC | ND | 0.5 | 0.46 | 92 | 0.56 | 112 | 20 | 31-152/37 |
| 319-86-8 | delta-BHC | ND | 0.5 | 0.48 | 96 | 0.60 | 120 | 22 | 21-167/34 |
| 58-89-9 | gamma-BHC (Lindane) | ND | 0.5 | 0.45 | 90 | 0.57 | 114 | 24 | 31-154/33 |
| 5103-71-9 | alpha-Chlordane | ND | 0.5 | 0.46 | 92 | 0.57 | 114 | 21 | 31-149/30 |
| 5103-74-2 | gamma-Chlordane | ND | 0.5 | 0.48 | 96 | 0.60 | 120 | 22 | 23-157/34 |
| 60-57-1 | Dieldrin | ND | 0.5 | 0.49 | 98 | 0.61 | 122 | 22 | 33-158/29 |
| 72-54-8 | 4,4'-DDD | ND | 0.5 | 0.50 | 100 | 0.63 | 126 | 23 | 27-168/31 |
| 72-55-9 | 4,4'-DDE | ND | 0.5 | 0.47 | 94 | 0.58 | 116 | 21 | 25-157/29 |
| 50-29-3 | 4,4'-DDT | ND | 0.5 | 0.50 | 100 | 0.65 | 130 | 26 | 23-181/32 |
| 72-20-8 | Endrin | ND | 0.5 | 0.49 | 98 | 0.62 | 124 | 23 | 40-161/31 |
| 1031-07-8 | Endosulfan sulfate | ND | 0.5 | 0.51 | 102 | 0.64 | 128 | 23 | 39-159/32 |
| 7421-93-4 | Endrin aldehyde | ND | 0.5 | 0.55 | 110 | 0.68 | 136 | 21 | 23-155/33 |
| 53494-70-5 | Endrin ketone | ND | 0.5 | 0.69 | 138 | 0.88 | 176* a | 24 | 40-152/31 |
| 959-98-8 | Endosulfan-I | ND | 0.5 | 0.48 | 96 | 0.60 | 120 | 22 | 29-151/31 |
| 33213-65-9 | Endosulfan-II | ND | 0.5 | 0.48 | 96 | 0.61 | 122 | 24 | 29-158/33 |
| 76-44-8 | Heptachlor | ND | 0.5 | 0.47 | 94 | 0.57 | 114 | 19 | 26-155/34 |
| 1024-57-3 | Heptachlor epoxide | ND | 0.5 | 0.47 | 94 | 0.59 | 118 | 23 | 33-152/33 |
| 72-43-5 | Methoxychlor | ND | 0.5 | 0.49 | 98 | 0.61 | 122 | 22 | 33-186/32 |
| 8001-35-2 | Toxaphene | ND | | ND | | ND | | nc | 50-150/30 |

| CAS No. | Surrogate Recoveries | MS | MSD | JB58302-2 | Limits |
|-----------|----------------------|-----|-----|-----------|---------|
| 877-09-8 | Tetrachloro-m-xylene | 61% | 81% | 55% | 14-144% |
| 877-09-8 | Tetrachloro-m-xylene | 62% | 82% | 56% | 14-144% |
| 2051-24-3 | Decachlorobiphenyl | 28% | 31% | 29% | 10-128% |
| 2051-24-3 | Decachlorobiphenyl | 26% | 29% | 28% | 10-128% |

(a) Outside of in house control limits.

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JB58123
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|------------|----|----------|----|-----------|------------|------------------|
| OP72150-MS | EF126572.D | 1 | 01/22/14 | JP | 01/21/14 | OP72150 | GEF4952 |
| OP72150-MSD | EF126573.D | 1 | 01/22/14 | JP | 01/21/14 | OP72150 | GEF4952 |
| JB58120-2 | EF126574.D | 1 | 01/22/14 | JP | 01/21/14 | OP72150 | GEF4952 |

The QC reported here applies to the following samples:

Method: SW846 8082A

JB58123-1, JB58123-2

| CAS No. | Compound | JB58120-2 ug/l | Spike Q ug/l | MS ug/l | MS % | MSD ug/l | MSD % | RPD | Limits Rec/RPD |
|------------|--------------|-------------------|--------------------|------------|---------|-------------|----------|-----|-------------------|
| 12674-11-2 | Aroclor 1016 | ND | 4 | 4.4 | 110 | 3.6 | 90 | 20 | 45-165/39 |
| 11104-28-2 | Aroclor 1221 | ND | | ND | | ND | | nc | 70-130/30 |
| 11141-16-5 | Aroclor 1232 | ND | | ND | | ND | | nc | 70-130/30 |
| 53469-21-9 | Aroclor 1242 | ND | | ND | | ND | | nc | 70-130/30 |
| 12672-29-6 | Aroclor 1248 | ND | | ND | | ND | | nc | 70-130/30 |
| 11097-69-1 | Aroclor 1254 | ND | | ND | | ND | | nc | 70-130/30 |
| 11096-82-5 | Aroclor 1260 | ND | 4 | 3.4 | 85 | 2.7 | 68 | 23 | 33-145/37 |
| 11100-14-4 | Aroclor 1268 | ND | | ND | | ND | | nc | -/30 |
| 37324-23-5 | Aroclor 1262 | ND | | ND | | ND | | nc | -/30 |

| CAS No. | Surrogate Recoveries | MS | MSD | JB58120-2 | Limits |
|-----------|----------------------|-----|-----|-----------|---------|
| 877-09-8 | Tetrachloro-m-xylene | 71% | 55% | 64% | 16-140% |
| 877-09-8 | Tetrachloro-m-xylene | 79% | 62% | 70% | 16-140% |
| 2051-24-3 | Decachlorobiphenyl | 69% | 59% | 52% | 10-125% |
| 2051-24-3 | Decachlorobiphenyl | 66% | 58% | 51% | 10-125% |

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JB58123
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|--------------|----|----------|----|-----------|------------|------------------|
| OP72186-MS | XX144593.D 1 | | 01/24/14 | JR | 01/23/14 | OP72186 | GXX4873 |
| OP72186-MSD | XX144594.D 1 | | 01/24/14 | JR | 01/23/14 | OP72186 | GXX4873 |
| JB58302-3 | XX144595.D 1 | | 01/24/14 | JR | 01/23/14 | OP72186 | GXX4873 |

The QC reported here applies to the following samples:

Method: SW846 8082A

JB58302-1, JB58302-2, JB58302-3

| CAS No. | Compound | JB58302-3 ug/l | Spike Q ug/l | MS ug/l | MS % | MSD ug/l | MSD % | RPD | Limits Rec/RPD |
|------------|--------------|-------------------|--------------------|------------|---------|-------------|----------|-------|-------------------|
| 12674-11-2 | Aroclor 1016 | ND | 2.13 | 2.3 | 108 | 1.7 | 80 | 30 | 45-165/39 |
| 11104-28-2 | Aroclor 1221 | ND | | ND | | ND | | nc | 70-130/30 |
| 11141-16-5 | Aroclor 1232 | ND | | ND | | ND | | nc | 70-130/30 |
| 53469-21-9 | Aroclor 1242 | ND | | ND | | ND | | nc | 70-130/30 |
| 12672-29-6 | Aroclor 1248 | ND | | ND | | ND | | nc | 70-130/30 |
| 11097-69-1 | Aroclor 1254 | ND | | ND | | ND | | nc | 70-130/30 |
| 11096-82-5 | Aroclor 1260 | ND | 2.13 | 1.4 | 66 | 0.93 | 44 | 40* a | 33-145/37 |
| 11100-14-4 | Aroclor 1268 | ND | | ND | | ND | | nc | -/30 |
| 37324-23-5 | Aroclor 1262 | ND | | ND | | ND | | nc | -/30 |

| CAS No. | Surrogate Recoveries | MS | MSD | JB58302-3 | Limits |
|-----------|----------------------|-----|-----|-----------|---------|
| 877-09-8 | Tetrachloro-m-xylene | 79% | 52% | 56% | 16-140% |
| 877-09-8 | Tetrachloro-m-xylene | 80% | 53% | 55% | 16-140% |
| 2051-24-3 | Decachlorobiphenyl | 27% | 20% | 55% | 10-125% |
| 2051-24-3 | Decachlorobiphenyl | 35% | 29% | 56% | 10-125% |

(a) Analytical precision exceeds in-house control limits.

* = Outside of Control Limits.

Semivolatle Surrogate Recovery Summary

Job Number: JB58123
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| | |
|---------------------|------------|
| Method: SW846 8081B | Matrix: AQ |
|---------------------|------------|

Samples and QC shown here apply to the above method

| Lab Sample ID | Lab File ID | S1 ^a | S1 ^b | S2 ^a | S2 ^b |
|---------------|-------------|-----------------|-----------------|-----------------|-----------------|
| JB58123-1 | 1G98750.D | 77.0 | 65.0 | 52.0 | 52.0 |
| JB58123-2 | 1G98751.D | 81.0 | 68.0 | 66.0 | 68.0 |
| JB58302-1 | 3G82137.D | 58.0 | 58.0 | 30.0 | 30.0 |
| JB58302-2 | 3G82138.D | 55.0 | 56.0 | 29.0 | 28.0 |
| JB58302-3 | 3G82139.D | 50.0 | 51.0 | 43.0 | 44.0 |
| OP72151-BS1 | 6G8425.D | 97.0 | 88.0 | 84.0 | 71.0 |
| OP72151-MB1 | 6G8424.D | 85.0 | 72.0 | 60.0 | 56.0 |
| OP72151-MB1 | 6G8429.D | 75.0 | 69.0 | 79.0 | 72.0 |
| OP72151-MS | 6G8426.D | 86.0 | 79.0 | 78.0 | 76.0 |
| OP72151-MSD | 6G8427.D | 79.0 | 71.0 | 78.0 | 72.0 |
| OP72187-BS1 | 3G82156.D | 45.0 | 47.0 | 45.0 | 42.0 |
| OP72187-MB1 | 3G82131.D | 58.0 | 60.0 | 62.0 | 58.0 |
| OP72187-MB11 | 3G82135.D | 40.0 | 40.0 | 55.0 | 52.0 |
| OP72187-MS | 3G82157.D | 61.0 | 62.0 | 28.0 | 26.0 |
| OP72187-MSD | 3G82158.D | 81.0 | 82.0 | 31.0 | 29.0 |

| Surrogate Compounds | Recovery Limits |
|---------------------------|-----------------|
| S1 = Tetrachloro-m-xylene | 14-144% |
| S2 = Decachlorobiphenyl | 10-128% |

- (a) Recovery from GC signal #1
- (b) Recovery from GC signal #2

8.4.1
8

Semivolatiles Surrogate Recovery Summary

Job Number: JB58123
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| | |
|---------------------|------------|
| Method: SW846 8082A | Matrix: AQ |
|---------------------|------------|

Samples and QC shown here apply to the above method

| Lab Sample ID | Lab File ID | S1 ^a | S1 ^b | S2 ^a | S2 ^b |
|---------------|-------------|-----------------|-----------------|-----------------|-----------------|
| JB58123-1 | XX144574.D | 83.0 | 81.0 | 63.0 | 58.0 |
| JB58123-2 | XX144575.D | 90.0 | 88.0 | 84.0 | 78.0 |
| JB58302-1 | XX144622.D | 90.0 | 86.0 | 63.0 | 60.0 |
| JB58302-2 | XX144623.D | 87.0 | 84.0 | 55.0 | 60.0 |
| JB58302-3 | XX144595.D | 56.0 | 55.0 | 55.0 | 56.0 |
| OP72150-BS1 | EF126571.D | 57.0 | 84.0 | 75.0 | 70.0 |
| OP72150-BS1 | 2G91043.D | 84.0 | 77.0 | 95.0 | 82.0 |
| OP72150-MB1 | EF126570.D | 68.0 | 76.0 | 68.0 | 66.0 |
| OP72150-MB1 | 2G91042.D | 76.0 | 71.0 | 94.0 | 79.0 |
| OP72150-MB11 | XX144573.D | 77.0 | 75.0 | 73.0 | 66.0 |
| OP72150-MS | EF126572.D | 71.0 | 79.0 | 69.0 | 66.0 |
| OP72150-MSD | EF126573.D | 55.0 | 62.0 | 59.0 | 58.0 |
| OP72186-BS1 | XX144591.D | 37.0 | 38.0 | 60.0 | 73.0 |
| OP72186-MB1 | XX144590.D | 49.0 | 51.0 | 52.0 | 46.0 |
| OP72186-MB11 | XX144592.D | 43.0 | 44.0 | 58.0 | 56.0 |
| OP72186-MS | XX144593.D | 79.0 | 80.0 | 27.0 | 35.0 |
| OP72186-MSD | XX144594.D | 52.0 | 53.0 | 20.0 | 29.0 |

| Surrogate Compounds | Recovery Limits |
|---------------------------|-----------------|
| S1 = Tetrachloro-m-xylene | 16-140% |
| S2 = Decachlorobiphenyl | 10-125% |

- (a) Recovery from GC signal #1
- (b) Recovery from GC signal #2

8.4.2
8

Metals Analysis

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Matrix Spike and Duplicate Summaries
- Blank Spike and Lab Control Sample Summaries
- Serial Dilution Summaries

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: JB58123
Account: AKRFNYNY - AKRF
Project: Flushing Commons, Union Street, Flushing, NY

QC Batch ID: MP77307
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 01/20/14 01/20/14

| Metal | RL | IDL | MDL | MB raw | final | MB raw | final |
|------------|-------|-----|-----|-----------|--------|-----------|--------|
| Aluminum | 200 | 8.3 | 11 | 4.1 | <200 | 8.9 | <200 |
| Antimony | 6.0 | 1.3 | 1.8 | 0.70 | <6.0 | 2.5 | <6.0 |
| Arsenic | 3.0 | .8 | 1.5 | 1.1 | <3.0 | -1.2 | <3.0 |
| Barium | 200 | .4 | .36 | 0.0 | <200 | 0.40 | <200 |
| Beryllium | 1.0 | .04 | .17 | 0.0 | <1.0 | 0.0 | <1.0 |
| Bismuth | 20 | 1 | .98 | | | | |
| Boron | 100 | 1.1 | 2 | | | | |
| Cadmium | 3.0 | .2 | .24 | 0.30 | <3.0 | 0.60 | <3.0 |
| Calcium | 5000 | 13 | 55 | 14.1 | <5000 | 111 | <5000 |
| Chromium | 10 | .5 | .92 | 0.30 | <10 | 0.40 | <10 |
| Cobalt | 50 | .3 | .48 | -0.10 | <50 | -0.20 | <50 |
| Copper | 10 | .7 | 1 | -0.30 | <10 | -0.30 | <10 |
| Iron | 100 | 3.6 | 13 | 10.2 | <100 | 12.0 | <100 |
| Lead | 3.0 | 1 | 2.4 | 1.3 | <3.0 | 1.0 | <3.0 |
| Lithium | 20 | .6 | 2.4 | | | | |
| Magnesium | 5000 | 35 | 23 | 6.1 | <5000 | 38.3 | <5000 |
| Manganese | 15 | .09 | .18 | 0.20 | <15 | 0.40 | <15 |
| Molybdenum | 20 | .5 | 2 | | | | |
| Nickel | 10 | .4 | 1.6 | 0.0 | <10 | -0.40 | <10 |
| Palladium | 50 | 1.3 | 1.5 | | | | |
| Potassium | 10000 | 46 | 41 | -0.30 | <10000 | -12 | <10000 |
| Selenium | 10 | 2.1 | 2.4 | -0.30 | <10 | 0.80 | <10 |
| Silicon | 200 | 4.8 | 29 | | | | |
| Silver | 10 | .4 | 1.5 | 0.0 | <10 | 0.0 | <10 |
| Sodium | 10000 | 10 | 58 | -1.7 | <10000 | 15.8 | <10000 |
| Sulfur | 50 | 1.7 | 5.9 | | | | |
| Strontium | 10 | .2 | .59 | | | | |
| Thallium | 2.0 | 1.6 | 1.3 | -1.3 | <2.0 | 0.60 | <2.0 |
| Tin | 10 | .9 | 3.7 | | | | |
| Titanium | 10 | .8 | 1.2 | | | | |
| Tungsten | 50 | 3.6 | 6.5 | | | | |
| Vanadium | 50 | .3 | .72 | 0.0 | <50 | 0.0 | <50 |
| Zinc | 20 | 2.4 | 4.4 | 2.1 | <20 | 3.1 | <20 |

9.1.1
9

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: JB58123
Account: AKRFNYNY - AKRF
Project: Flushing Commons, Union Street, Flushing, NY

QC Batch ID: MP77307
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date:

| |
|-------|
| Metal |
|-------|

Zirconium 10 .3 1.2

Associated samples MP77307: JB58123-1, JB58123-2, JB58123-1F, JB58123-2F

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JB58123
 Account: AKRFNYNY - AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

QC Batch ID: MP77307
 Matrix Type: AQUEOUS

Methods: SW846 6010C
 Units: ug/l

Prep Date: 01/20/14

| Metal | JB58120-2 Original MS | | SpikeLot MPIRW1 | % Rec | QC Limits |
|------------|--------------------------|--------|--------------------|----------|--------------|
| Aluminum | 93.0 | 2030 | 2000 | 96.9 | 75-125 |
| Antimony | 0.0 | 490 | 500 | 98.0 | 75-125 |
| Arsenic | 3.9 | 1900 | 2000 | 94.8 | 75-125 |
| Barium | 137 | 2030 | 2000 | 94.7 | 75-125 |
| Beryllium | 0.0 | 48.3 | 50 | 96.6 | 75-125 |
| Bismuth | | | | | |
| Boron | | | | | |
| Cadmium | 1.3 | 52.0 | 50 | 101.4 | 75-125 |
| Calcium | 62700 | 84600 | 25000 | 87.6 | 75-125 |
| Chromium | 0.0 | 199 | 200 | 99.5 | 75-125 |
| Cobalt | 5.7 | 495 | 500 | 97.9 | 75-125 |
| Copper | 29.4 | 254 | 250 | 89.8 | 75-125 |
| Iron | 91.6 | 1070 | 1000 | 97.8 | 75-125 |
| Lead | 2.9 | 493 | 500 | 98.0 | 75-125 |
| Lithium | | | | | |
| Magnesium | 13400 | 39500 | 25000 | 104.4 | 75-125 |
| Manganese | 125 | 632 | 500 | 101.4 | 75-125 |
| Molybdenum | | | | | |
| Nickel | 9.3 | 513 | 500 | 100.7 | 75-125 |
| Palladium | | | | | |
| Potassium | 5080 | 28900 | 25000 | 95.3 | 75-125 |
| Selenium | 0.0 | 1860 | 2000 | 93.0 | 75-125 |
| Silicon | | | | | |
| Silver | 0.60 | 52.3 | 50 | 103.4 | 75-125 |
| Sodium | 312000 | 329000 | 25000 | 68.0 (a) | 75-125 |
| Sulfur | | | | | |
| Strontium | | | | | |
| Thallium | 0.0 | 1840 | 2000 | 92.0 | 75-125 |
| Tin | | | | | |
| Titanium | | | | | |
| Tungsten | | | | | |
| Vanadium | 6.0 | 505 | 500 | 99.8 | 75-125 |
| Zinc | 38.3 | 536 | 500 | 99.5 | 75-125 |

9.12
9

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JB58123
Account: AKRFNYNY - AKRF
Project: Flushing Commons, Union Street, Flushing, NY

QC Batch ID: MP77307
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date:

Metal

Zirconium

Associated samples MP77307: JB58123-1, JB58123-2, JB58123-1F, JB58123-2F

Results < IDL are shown as zero for calculation purposes

(*) Outside of QC limits

(N) Matrix Spike Rec. outside of QC limits

(anr) Analyte not requested

(a) Spike amount low relative to the sample amount. Refer to lab control or spike blank for recovery information.

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JB58123
 Account: AKRFNYNY - AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

QC Batch ID: MP77307
 Matrix Type: AQUEOUS

Methods: SW846 6010C
 Units: ug/l

Prep Date: 01/20/14

| Metal | JB58120-2 Original MSD | 2070 | SpikeLot MPIRW1 | % Rec | MSD RPD | QC Limit |
|------------|---------------------------|--------|--------------------|-------|------------|-------------|
| Aluminum | 93.0 | 2070 | 2000 | 98.9 | 2.0 | 20 |
| Antimony | 0.0 | 500 | 500 | 100.0 | 2.0 | 20 |
| Arsenic | 3.9 | 1950 | 2000 | 97.3 | 2.6 | 20 |
| Barium | 137 | 2080 | 2000 | 97.2 | 2.4 | 20 |
| Beryllium | 0.0 | 49.8 | 50 | 99.6 | 3.1 | 20 |
| Bismuth | | | | | | |
| Boron | | | | | | |
| Cadmium | 1.3 | 53.0 | 50 | 103.4 | 1.9 | 20 |
| Calcium | 62700 | 86000 | 25000 | 93.2 | 1.6 | 20 |
| Chromium | 0.0 | 203 | 200 | 101.5 | 2.0 | 20 |
| Cobalt | 5.7 | 506 | 500 | 100.1 | 2.2 | 20 |
| Copper | 29.4 | 259 | 250 | 91.8 | 1.9 | 20 |
| Iron | 91.6 | 1090 | 1000 | 99.8 | 1.9 | 20 |
| Lead | 2.9 | 504 | 500 | 100.2 | 2.2 | 20 |
| Lithium | | | | | | |
| Magnesium | 13400 | 39900 | 25000 | 106.0 | 1.0 | 20 |
| Manganese | 125 | 643 | 500 | 103.6 | 1.7 | 20 |
| Molybdenum | | | | | | |
| Nickel | 9.3 | 522 | 500 | 102.5 | 1.7 | 20 |
| Palladium | | | | | | |
| Potassium | 5080 | 29200 | 25000 | 96.5 | 1.0 | 20 |
| Selenium | 0.0 | 1900 | 2000 | 95.0 | 2.1 | 20 |
| Silicon | | | | | | |
| Silver | 0.60 | 53.0 | 50 | 104.8 | 1.3 | 20 |
| Sodium | 312000 | 337000 | 25000 | 100.0 | 2.4 | 20 |
| Sulfur | | | | | | |
| Strontium | | | | | | |
| Thallium | 0.0 | 1890 | 2000 | 94.5 | 2.7 | 20 |
| Tin | | | | | | |
| Titanium | | | | | | |
| Tungsten | | | | | | |
| Vanadium | 6.0 | 515 | 500 | 101.8 | 2.0 | 20 |
| Zinc | 38.3 | 546 | 500 | 101.5 | 1.8 | 20 |

9.12
9

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JB58123
Account: AKRFNYNY - AKRF
Project: Flushing Commons, Union Street, Flushing, NY

QC Batch ID: MP77307
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date:

Metal

Zirconium

Associated samples MP77307: JB58123-1, JB58123-2, JB58123-1F, JB58123-2F

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: JB58123
 Account: AKRFNYNY - AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

QC Batch ID: MP77307
 Matrix Type: AQUEOUS

Methods: SW846 6010C
 Units: ug/l

Prep Date: 01/20/14 01/20/14

| Metal | LCS Result | Spikelot MPLCW3 | % Rec | QC Limits | LCS Result | Spikelot MPLCW3 | % Rec | QC Limits |
|------------|------------|-----------------|-------|-----------|------------|-----------------|-------|-----------|
| Aluminum | 4950 | 5000 | 99.0 | 80-120 | 4710 | 5000 | 94.2 | 80-120 |
| Antimony | 480 | 500 | 96.0 | 80-120 | 437 | 500 | 87.4 | 80-120 |
| Arsenic | 471 | 500 | 94.2 | 80-120 | 426 | 500 | 85.2 | 80-120 |
| Barium | 465 | 500 | 93.0 | 80-120 | 437 | 500 | 87.4 | 80-120 |
| Beryllium | 515 | 500 | 103.0 | 80-120 | 492 | 500 | 98.4 | 80-120 |
| Bismuth | | | | | | | | |
| Boron | | | | | | | | |
| Cadmium | 490 | 500 | 98.0 | 80-120 | 445 | 500 | 89.0 | 80-120 |
| Calcium | 5420 | 5500 | 98.5 | 80-120 | 5260 | 5500 | 95.6 | 80-120 |
| Chromium | 508 | 500 | 101.6 | 80-120 | 488 | 500 | 97.6 | 80-120 |
| Cobalt | 486 | 500 | 97.2 | 80-120 | 445 | 500 | 89.0 | 80-120 |
| Copper | 438 | 500 | 87.6 | 80-120 | 420 | 500 | 84.0 | 80-120 |
| Iron | 5470 | 5500 | 99.5 | 80-120 | 5200 | 5500 | 94.5 | 80-120 |
| Lead | 510 | 500 | 102.0 | 80-120 | 459 | 500 | 91.8 | 80-120 |
| Lithium | | | | | | | | |
| Magnesium | 5560 | 5500 | 101.1 | 80-120 | 5330 | 5500 | 96.9 | 80-120 |
| Manganese | 522 | 500 | 104.4 | 80-120 | 500 | 500 | 100.0 | 80-120 |
| Molybdenum | | | | | | | | |
| Nickel | 503 | 500 | 100.6 | 80-120 | 459 | 500 | 91.8 | 80-120 |
| Palladium | | | | | | | | |
| Potassium | 9670 | 10000 | 96.7 | 80-120 | 9110 | 10000 | 91.1 | 80-120 |
| Selenium | 461 | 500 | 92.2 | 80-120 | 411 | 500 | 82.2 | 80-120 |
| Silicon | | | | | | | | |
| Silver | 180 | 200 | 90.0 | 80-120 | 168 | 200 | 84.0 | 80-120 |
| Sodium | 10200 | 10000 | 102.0 | 80-120 | 9630 | 10000 | 96.3 | 80-120 |
| Sulfur | | | | | | | | |
| Strontium | | | | | | | | |
| Thallium | 489 | 500 | 97.8 | 80-120 | 435 | 500 | 87.0 | 80-120 |
| Tin | | | | | | | | |
| Titanium | | | | | | | | |
| Tungsten | | | | | | | | |
| Vanadium | 507 | 500 | 101.4 | 80-120 | 488 | 500 | 97.6 | 80-120 |
| Zinc | 518 | 500 | 103.6 | 80-120 | 477 | 500 | 95.4 | 80-120 |

9.1.3
9

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: JB58123
Account: AKRFNYNY - AKRF
Project: Flushing Commons, Union Street, Flushing, NY

QC Batch ID: MP77307
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date:

Metal

Zirconium

Associated samples MP77307: JB58123-1, JB58123-2, JB58123-1F, JB58123-2F

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

SERIAL DILUTION RESULTS SUMMARY

Login Number: JB58123
 Account: AKRFNYNY - AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

QC Batch ID: MP77307
 Matrix Type: AQUEOUS

Methods: SW846 6010C
 Units: ug/l

Prep Date: 01/20/14

| Metal | JB58120-2 Original | SDL 1:5 | %DIF | QC Limits |
|------------|-----------------------|---------|-----------|--------------|
| Aluminum | 93.0 | 72.9 | 21.6 (a) | 0-10 |
| Antimony | 0.00 | 0.00 | NC | 0-10 |
| Arsenic | 3.90 | 8.70 | 123.1 (a) | 0-10 |
| Barium | 137 | 129 | 5.9 | 0-10 |
| Beryllium | 0.00 | 0.00 | NC | 0-10 |
| Bismuth | | | | |
| Boron | | | | |
| Cadmium | 1.30 | 2.50 | 92.3 (a) | 0-10 |
| Calcium | 62700 | 61800 | 1.5 | 0-10 |
| Chromium | 0.00 | 0.00 | NC | 0-10 |
| Cobalt | 5.70 | 5.10 | 10.5 (a) | 0-10 |
| Copper | 29.4 | 28.3 | 3.7 | 0-10 |
| Iron | 91.6 | 86.8 | 5.2 | 0-10 |
| Lead | 2.90 | 0.00 | 100.0 (a) | 0-10 |
| Lithium | | | | |
| Magnesium | 13400 | 13100 | 2.2 | 0-10 |
| Manganese | 125 | 128 | 1.8 | 0-10 |
| Molybdenum | | | | |
| Nickel | 9.30 | 9.90 | 6.5 | 0-10 |
| Palladium | | | | |
| Potassium | 5080 | 4780 | 5.9 | 0-10 |
| Selenium | 0.00 | 0.00 | NC | 0-10 |
| Silicon | | | | |
| Silver | 0.600 | 0.00 | 100.0 (a) | 0-10 |
| Sodium | 312000 | 311000 | 0.4 | 0-10 |
| Sulfur | | | | |
| Strontium | | | | |
| Thallium | 0.00 | 0.00 | NC | 0-10 |
| Tin | | | | |
| Titanium | | | | |
| Tungsten | | | | |
| Vanadium | 6.00 | 6.60 | 10.0 | 0-10 |
| Zinc | 38.3 | 39.8 | 3.9 | 0-10 |

9.1.4
 9

SERIAL DILUTION RESULTS SUMMARY

Login Number: JB58123
Account: AKRFNYNY - AKRF
Project: Flushing Commons, Union Street, Flushing, NY

QC Batch ID: MP77307
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date:

Metal

Zirconium

Associated samples MP77307: JB58123-1, JB58123-2, JB58123-1F, JB58123-2F

Results < IDL are shown as zero for calculation purposes

(*) Outside of QC limits

(anr) Analyte not requested

(a) Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: JB58123
Account: AKRFNYNY - AKRF
Project: Flushing Commons, Union Street, Flushing, NY

QC Batch ID: MP77316
Matrix Type: AQUEOUS

Methods: SW846 7470A
Units: ug/l

Prep Date: 01/20/14

| Metal | RL | IDL | MDL | MB raw | final |
|---------|------|------|------|-----------|-------|
| Mercury | 0.20 | .023 | .089 | 0.084 | <0.20 |

Associated samples MP77316: JB58123-1, JB58123-2, JB58123-1F, JB58123-2F

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JB58123
 Account: AKRFNYNY - AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

QC Batch ID: MP77316
 Matrix Type: AQUEOUS

Methods: SW846 7470A
 Units: ug/l

Prep Date: 01/20/14

| Metal | JB58040-2 Original MS | SpikeLot HGPW3 | % Rec | QC Limits |
|---------|--------------------------|-------------------|-------|-----------------|
| Mercury | 1.4 | 4.5 (a) | 60 | 5.2N (b) 75-125 |

Associated samples MP77316: JB58123-1, JB58123-2, JB58123-1F, JB58123-2F

Results < IDL are shown as zero for calculation purposes

(*) Outside of QC limits

(N) Matrix Spike Rec. outside of QC limits

(anr) Analyte not requested

(a) Elevated sample detection limit due to difficult sample matrix.

(b) Spike recovery indicates possible matrix interference.

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JB58123
 Account: AKRFNYNY - AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

QC Batch ID: MP77316 Methods: SW846 7470A
 Matrix Type: AQUEOUS Units: ug/l

Prep Date: 01/20/14

| Metal | JB58040-2 Original MSD | SpikeLot HGPW3 | % Rec | MSD RPD | QC Limit |
|-------|---------------------------|-------------------|-------|------------|-------------|
|-------|---------------------------|-------------------|-------|------------|-------------|

Mercury 1.4 4.2 (a) 60 4.7N (b) 6.9 (a) 20

Associated samples MP77316: JB58123-1, JB58123-2, JB58123-1F, JB58123-2F

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (N) Matrix Spike Rec. outside of QC limits
 (anr) Analyte not requested
 (a) Elevated sample detection limit due to difficult sample matrix.
 (b) Spike recovery indicates possible matrix interference.

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: JB58123
Account: AKRFNYNY - AKRF
Project: Flushing Commons, Union Street, Flushing, NY

QC Batch ID: MP77316
Matrix Type: AQUEOUS

Methods: SW846 7470A
Units: ug/l

Prep Date: 01/20/14

| Metal | LCS Result | Spikelot HGPW3 | % Rec | QC Limits |
|---------|---------------|-------------------|-------|--------------|
| Mercury | 2.2 | 2 | 110.0 | 80-120 |

Associated samples MP77316: JB58123-1, JB58123-2, JB58123-1F, JB58123-2F

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

POST DIGESTATE SPIKE SUMMARY

Login Number: JB58123
 Account: AKRFNYNY - AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

QC Batch ID: MP77316
 Matrix Type: AQUEOUS

Methods: SW846 7470A
 Units: ug/l

Prep Date:

01/20/14

| Metal | Sample ml | Final ml | JB58040-2 Raw | PS Corr.** ug/l | Spike ml | Spike ug/ml | Spike ug/l | % Rec | QC Limits |
|---------|-----------|----------|---------------|-----------------|----------|-------------|------------|-------|-----------|
| Mercury | 15 | 15.6 | .0474 | .045576921.5481 | 1 | 0.03 | 1.923077 | 78.1 | - |

Associated samples MP77316: JB58123-1, JB58123-2, JB58123-1F, JB58123-2F

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (**) Corr. sample result = Raw * (sample volume / final volume)
 (anr) Analyte not requested

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: JB58123
Account: AKRFNYNY - AKRF
Project: Flushing Commons, Union Street, Flushing, NY

QC Batch ID: MP77379
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 01/23/14

| Metal | RL | IDL | MDL | MB raw | final |
|------------|-------|-----|-----|-----------|--------|
| Aluminum | 200 | 6.2 | 11 | -5.9 | <200 |
| Antimony | 6.0 | .9 | 1.8 | -0.50 | <6.0 |
| Arsenic | 3.0 | .8 | 1.5 | -1.1 | <3.0 |
| Barium | 200 | .2 | .36 | -0.30 | <200 |
| Beryllium | 1.0 | .04 | .17 | -0.30 | <1.0 |
| Bismuth | 20 | 1 | .98 | | |
| Boron | 100 | 1.2 | 2 | | |
| Cadmium | 3.0 | .2 | .24 | -0.30 | <3.0 |
| Calcium | 5000 | 13 | 55 | 7.5 | <5000 |
| Chromium | 10 | .4 | .92 | -0.10 | <10 |
| Cobalt | 50 | .3 | .48 | -0.10 | <50 |
| Copper | 10 | .7 | 1 | -0.50 | <10 |
| Iron | 100 | 6.1 | 13 | -1.1 | <100 |
| Lead | 3.0 | 1 | 2.4 | -0.20 | <3.0 |
| Lithium | 20 | .6 | 2.4 | | |
| Magnesium | 5000 | 20 | 23 | 3.0 | <5000 |
| Manganese | 15 | .09 | .18 | 0.0 | <15 |
| Molybdenum | 20 | .3 | 2 | | |
| Nickel | 10 | .4 | 1.6 | -0.20 | <10 |
| Palladium | 50 | 1 | 1.5 | | |
| Potassium | 10000 | 36 | 41 | -6.0 | <10000 |
| Selenium | 10 | 1.5 | 2.4 | 0.50 | <10 |
| Silicon | 200 | 7.4 | 29 | | |
| Silver | 10 | .4 | 1.5 | 0.0 | <10 |
| Sodium | 10000 | 10 | 58 | 10.0 | <10000 |
| Sulfur | 50 | 1.7 | 5.9 | | |
| Strontium | 10 | .09 | .59 | | |
| Thallium | 2.0 | 1.6 | 1.3 | -1.6 | <2.0 |
| Tin | 10 | .9 | 3.7 | | |
| Titanium | 10 | .3 | 1.2 | | |
| Tungsten | 50 | 3.5 | 6.5 | | |
| Vanadium | 50 | .3 | .72 | -0.30 | <50 |
| Zinc | 20 | 2.7 | 4.4 | 0.80 | <20 |

9.3.1
9

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: JB58123
Account: AKRFNYNY - AKRF
Project: Flushing Commons, Union Street, Flushing, NY

QC Batch ID: MP77379
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date:

| |
|-------|
| Metal |
|-------|

Zirconium 10 .3 1.2

Associated samples MP77379: JB58302-1, JB58302-2, JB58302-3, JB58302-1F, JB58302-2F, JB58302-3F

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JB58123
 Account: AKRFNYNY - AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

QC Batch ID: MP77379
 Matrix Type: AQUEOUS

Methods: SW846 6010C
 Units: ug/l

Prep Date: 01/27/14

| Metal | JB58302-2F Original MS | Spikelot MPIRW1 | % Rec | QC Limits | |
|------------|---------------------------|--------------------|-------|--------------|--------|
| Aluminum | 127 | 2230 | 2000 | 105.2 | 75-125 |
| Antimony | 0.0 | 520 | 500 | 104.0 | 75-125 |
| Arsenic | 0.0 | 2050 | 2000 | 102.5 | 75-125 |
| Barium | 93.3 | 2140 | 2000 | 102.3 | 75-125 |
| Beryllium | 0.0 | 51.4 | 50 | 102.8 | 75-125 |
| Bismuth | | | | | |
| Boron | | | | | |
| Cadmium | 0.70 | 55.4 | 50 | 109.4 | 75-125 |
| Calcium | 100000 | 121000 | 25000 | 84.0 | 75-125 |
| Chromium | 2.0 | 198 | 200 | 98.0 | 75-125 |
| Cobalt | 8.3 | 508 | 500 | 99.9 | 75-125 |
| Copper | 0.0 | 232 | 250 | 92.8 | 75-125 |
| Iron | 6990 | 8130 | 1000 | 114.0 | 75-125 |
| Lead | 0.0 | 495 | 500 | 99.0 | 75-125 |
| Lithium | | | | | |
| Magnesium | 61300 | 84500 | 25000 | 92.8 | 75-125 |
| Manganese | 3510 | 3760 | 500 | 50.0 (a) | 75-125 |
| Molybdenum | | | | | |
| Nickel | 22.2 | 528 | 500 | 101.2 | 75-125 |
| Palladium | | | | | |
| Potassium | 5300 | 30400 | 25000 | 100.4 | 75-125 |
| Selenium | 5.2 | 1950 | 2000 | 97.2 | 75-125 |
| Silicon | | | | | |
| Silver | 0.40 | 49.8 | 50 | 98.8 | 75-125 |
| Sodium | 104000 | 118000 | 25000 | 56.0 (a) | 75-125 |
| Sulfur | | | | | |
| Strontium | | | | | |
| Thallium | 0.0 | 1970 | 2000 | 98.5 | 75-125 |
| Tin | | | | | |
| Titanium | | | | | |
| Tungsten | | | | | |
| Vanadium | 0.40 | 486 | 500 | 97.1 | 75-125 |
| Zinc | 11.7 | 516 | 500 | 100.9 | 75-125 |

9.3.2
9

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JB58123
Account: AKRFNYNY - AKRF
Project: Flushing Commons, Union Street, Flushing, NY

QC Batch ID: MP77379
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date:

Metal

Zirconium

Associated samples MP77379: JB58302-1, JB58302-2, JB58302-3, JB58302-1F, JB58302-2F, JB58302-3F

Results < IDL are shown as zero for calculation purposes

(*) Outside of QC limits

(N) Matrix Spike Rec. outside of QC limits

(anr) Analyte not requested

(a) Spike amount low relative to the sample amount. Refer to lab control or spike blank for recovery information.

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JB58123
 Account: AKRFNYNY - AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

QC Batch ID: MP77379
 Matrix Type: AQUEOUS

Methods: SW846 6010C
 Units: ug/l

Prep Date: 01/27/14

| Metal | JB58302-2F Original MSD | Spikelot MPIRW1 | % Rec | MSD RPD | QC Limit | |
|------------|----------------------------|--------------------|-------|------------|-------------|----|
| Aluminum | 127 | 2250 | 2000 | 106.2 | 0.9 | 20 |
| Antimony | 0.0 | 523 | 500 | 104.6 | 0.6 | 20 |
| Arsenic | 0.0 | 2060 | 2000 | 103.0 | 0.5 | 20 |
| Barium | 93.3 | 2140 | 2000 | 102.3 | 0.0 | 20 |
| Beryllium | 0.0 | 51.4 | 50 | 102.8 | 0.0 | 20 |
| Bismuth | | | | | | |
| Boron | | | | | | |
| Cadmium | 0.70 | 55.7 | 50 | 110.0 | 0.5 | 20 |
| Calcium | 100000 | 122000 | 25000 | 88.0 | 0.8 | 20 |
| Chromium | 2.0 | 206 | 200 | 102.0 | 4.0 | 20 |
| Cobalt | 8.3 | 512 | 500 | 100.7 | 0.8 | 20 |
| Copper | 0.0 | 241 | 250 | 96.4 | 3.8 | 20 |
| Iron | 6990 | 8200 | 1000 | 121.0 | 0.9 | 20 |
| Lead | 0.0 | 499 | 500 | 99.8 | 0.8 | 20 |
| Lithium | | | | | | |
| Magnesium | 61300 | 85200 | 25000 | 95.6 | 0.8 | 20 |
| Manganese | 3510 | 3930 | 500 | 84.0 | 4.4 | 20 |
| Molybdenum | | | | | | |
| Nickel | 22.2 | 534 | 500 | 102.4 | 1.1 | 20 |
| Palladium | | | | | | |
| Potassium | 5300 | 30400 | 25000 | 100.4 | 0.0 | 20 |
| Selenium | 5.2 | 1970 | 2000 | 98.2 | 1.0 | 20 |
| Silicon | | | | | | |
| Silver | 0.40 | 51.8 | 50 | 102.8 | 3.9 | 20 |
| Sodium | 104000 | 119000 | 25000 | 60.0 (a) | 0.8 | 20 |
| Sulfur | | | | | | |
| Strontium | | | | | | |
| Thallium | 0.0 | 1980 | 2000 | 99.0 | 0.5 | 20 |
| Tin | | | | | | |
| Titanium | | | | | | |
| Tungsten | | | | | | |
| Vanadium | 0.40 | 504 | 500 | 100.7 | 3.6 | 20 |
| Zinc | 11.7 | 521 | 500 | 101.9 | 1.0 | 20 |

9.3.2
9

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JB58123
Account: AKRFNYNY - AKRF
Project: Flushing Commons, Union Street, Flushing, NY

QC Batch ID: MP77379
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date:

Metal

Zirconium

Associated samples MP77379: JB58302-1, JB58302-2, JB58302-3, JB58302-1F, JB58302-2F, JB58302-3F

Results < IDL are shown as zero for calculation purposes

(*) Outside of QC limits

(N) Matrix Spike Rec. outside of QC limits

(anr) Analyte not requested

(a) Spike amount low relative to the sample amount. Refer to lab control or spike blank for recovery information.

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: JB58123
 Account: AKRFNYNY - AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

QC Batch ID: MP77379
 Matrix Type: AQUEOUS

Methods: SW846 6010C
 Units: ug/l

Prep Date: 01/23/14

| Metal | LCS Result | Spikelot MPLCW3 | % Rec | QC Limits |
|------------|------------|-----------------|-------|-----------|
| Aluminum | 4690 | 5000 | 93.8 | 80-120 |
| Antimony | 467 | 500 | 93.4 | 80-120 |
| Arsenic | 467 | 500 | 93.4 | 80-120 |
| Barium | 481 | 500 | 96.2 | 80-120 |
| Beryllium | 490 | 500 | 98.0 | 80-120 |
| Bismuth | | | | |
| Boron | | | | |
| Cadmium | 468 | 500 | 93.6 | 80-120 |
| Calcium | 5270 | 5500 | 95.8 | 80-120 |
| Chromium | 491 | 500 | 98.2 | 80-120 |
| Cobalt | 461 | 500 | 92.2 | 80-120 |
| Copper | 439 | 500 | 87.8 | 80-120 |
| Iron | 5290 | 5500 | 96.2 | 80-120 |
| Lead | 476 | 500 | 95.2 | 80-120 |
| Lithium | | | | |
| Magnesium | 5240 | 5500 | 95.3 | 80-120 |
| Manganese | 497 | 500 | 99.4 | 80-120 |
| Molybdenum | | | | |
| Nickel | 474 | 500 | 94.8 | 80-120 |
| Palladium | | | | |
| Potassium | 9440 | 10000 | 94.4 | 80-120 |
| Selenium | 468 | 500 | 93.6 | 80-120 |
| Silicon | | | | |
| Silver | 182 | 200 | 91.0 | 80-120 |
| Sodium | 9610 | 10000 | 96.1 | 80-120 |
| Sulfur | | | | |
| Strontium | | | | |
| Thallium | 487 | 500 | 97.4 | 80-120 |
| Tin | | | | |
| Titanium | | | | |
| Tungsten | | | | |
| Vanadium | 482 | 500 | 96.4 | 80-120 |
| Zinc | 484 | 500 | 96.8 | 80-120 |

9.3.3
9

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: JB58123
Account: AKRFNYNY - AKRF
Project: Flushing Commons, Union Street, Flushing, NY

QC Batch ID: MP77379
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date:

Metal

Zirconium

Associated samples MP77379: JB58302-1, JB58302-2, JB58302-3, JB58302-1F, JB58302-2F, JB58302-3F

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

SERIAL DILUTION RESULTS SUMMARY

Login Number: JB58123
 Account: AKRFNYNY - AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

QC Batch ID: MP77379
 Matrix Type: AQUEOUS

Methods: SW846 6010C
 Units: ug/l

Prep Date: 01/27/14

| Metal | JB58302-2F Original | SDL 1:5 | %DIF | QC Limits |
|------------|------------------------|---------|-----------|--------------|
| Aluminum | 127 | 347 | 174.6 (a) | 0-10 |
| Antimony | 0.00 | 0.00 | NC | 0-10 |
| Arsenic | 0.00 | 0.00 | NC | 0-10 |
| Barium | 93.3 | 101 | 8.0 | 0-10 |
| Beryllium | 0.00 | 0.00 | NC | 0-10 |
| Bismuth | | | | |
| Boron | | | | |
| Cadmium | 0.700 | 0.00 | 100.0 (a) | 0-10 |
| Calcium | 100000 | 107000 | 7.0 | 0-10 |
| Chromium | 2.00 | 0.00 | 100.0 (a) | 0-10 |
| Cobalt | 8.30 | 7.70 | 7.2 | 0-10 |
| Copper | 0.00 | 0.00 | NC | 0-10 |
| Iron | 6990 | 7830 | 12.0* (b) | 0-10 |
| Lead | 0.00 | 0.00 | NC | 0-10 |
| Lithium | | | | |
| Magnesium | 61300 | 61200 | 0.1 | 0-10 |
| Manganese | 3510 | 3820 | 8.8 | 0-10 |
| Molybdenum | | | | |
| Nickel | 22.2 | 21.4 | 3.6 | 0-10 |
| Palladium | | | | |
| Potassium | 5300 | 5360 | 1.2 | 0-10 |
| Selenium | 5.20 | 0.00 | 100.0 (a) | 0-10 |
| Silicon | | | | |
| Silver | 0.400 | 0.00 | 100.0 (a) | 0-10 |
| Sodium | 104000 | 101000 | 2.6 | 0-10 |
| Sulfur | | | | |
| Strontium | | | | |
| Thallium | 2.20 | 0.00 | NC | 0-10 |
| Tin | | | | |
| Titanium | | | | |
| Tungsten | | | | |
| Vanadium | 0.400 | 1.70 | 325.0 (a) | 0-10 |
| Zinc | 11.7 | 18.8 | 60.7 (a) | 0-10 |

9.3.4
 9

SERIAL DILUTION RESULTS SUMMARY

Login Number: JB58123
Account: AKRFNYNY - AKRF
Project: Flushing Commons, Union Street, Flushing, NY

QC Batch ID: MP77379
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date:

Metal

Zirconium

Associated samples MP77379: JB58302-1, JB58302-2, JB58302-3, JB58302-1F, JB58302-2F, JB58302-3F

Results < IDL are shown as zero for calculation purposes

(*) Outside of QC limits

(anr) Analyte not requested

(a) Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

(b) Serial dilution indicates possible matrix interference.

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: JB58123
Account: AKRFNYNY - AKRF
Project: Flushing Commons, Union Street, Flushing, NY

QC Batch ID: MP77387
Matrix Type: AQUEOUS

Methods: SW846 7470A
Units: ug/l

Prep Date: 01/24/14

| Metal | RL | IDL | MDL | MB raw | final |
|---------|------|------|------|-----------|-------|
| Mercury | 0.20 | .023 | .089 | 0.063 | <0.20 |

Associated samples MP77387: JB58302-1, JB58302-2, JB58302-3, JB58302-1F, JB58302-2F, JB58302-3F

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JB58123
 Account: AKRFNYNY - AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

QC Batch ID: MP77387
 Matrix Type: AQUEOUS

Methods: SW846 7470A
 Units: ug/l

Prep Date: 01/24/14

| Metal | JB58302-1 Original MS | Spikelot HGPW3 | % Rec | QC Limits |
|-------|--------------------------|-------------------|-------|--------------|
|-------|--------------------------|-------------------|-------|--------------|

| | | | | | |
|---------|-----|-----|---|-------|--------|
| Mercury | 0.0 | 2.2 | 2 | 110.0 | 75-125 |
|---------|-----|-----|---|-------|--------|

Associated samples MP77387: JB58302-1, JB58302-2, JB58302-3, JB58302-1F, JB58302-2F, JB58302-3F

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (N) Matrix Spike Rec. outside of QC limits
 (anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JB58123
 Account: AKRFNYNY - AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

QC Batch ID: MP77387
 Matrix Type: AQUEOUS

Methods: SW846 7470A
 Units: ug/l

Prep Date: 01/24/14

| Metal | JB58302-1 Original MSD | Spikelot HGPW3 | % Rec | MSD RPD | QC Limit |
|---------|---------------------------|-------------------|-------|------------|-------------|
| Mercury | 0.0 | 2.2 | 2 | 110.0 | 0.0 20 |

Associated samples MP77387: JB58302-1, JB58302-2, JB58302-3, JB58302-1F, JB58302-2F, JB58302-3F

Results < IDL are shown as zero for calculation purposes

(*) Outside of QC limits

(N) Matrix Spike Rec. outside of QC limits

(anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: JB58123
 Account: AKRFNYNY - AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

QC Batch ID: MP77387
 Matrix Type: AQUEOUS

Methods: SW846 7470A
 Units: ug/l

Prep Date: 01/24/14

| Metal | LCS Result | Spikelot HGPW3 | % Rec | QC Limits |
|---------|---------------|-------------------|-------|--------------|
| Mercury | 2.2 | 2 | 110.0 | 80-120 |

Associated samples MP77387: JB58302-1, JB58302-2, JB58302-3, JB58302-1F, JB58302-2F, JB58302-3F

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (anr) Analyte not requested



01/27/14

Technical Report for

AKRF

Flushing Commons, Union Street, Flushing, NY

10677-3106

Accutest Job Number: JB58217

Sampling Date: 01/20/14

Report to:

Total number of pages in report: 72



Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable.

Nancy Cole
Laboratory Director

Client Service contact: Matt Cordova 732-329-0200

Certifications: NJ(12129), NY(10983), CA, CT, DE, FL, IL, IN, KS, KY, LA, MA, MD, MI, MT, NC, OH VAP (CL0056), PA, RI, SC, TN, VA, WV, DoD ELAP (L-A-B L2248)

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Test results relate only to samples analyzed.

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Sample Summary

AKRF

Job No: JB58217

Flushing Commons, Union Street, Flushing, NY
Project No: 10677-3106

| Sample Number | Collected | | Received | Matrix | | Client Sample ID |
|---------------|-----------|----------|----------|--------|-------------------|------------------|
| | Date | Time By | | Code | Type | |
| JB58217-1 | 01/20/14 | 09:38 RA | 01/20/14 | AIR | Soil Vapor Comp. | SV-4 |
| JB58217-2 | 01/20/14 | 10:00 RA | 01/20/14 | AIR | Soil Vapor Comp. | SV-3 |
| JB58217-3 | 01/20/14 | 10:15 RA | 01/20/14 | AIR | Soil Vapor Comp. | SV-6 |
| JB58217-4 | 01/20/14 | 10:30 RA | 01/20/14 | AIR | Soil Vapor Comp. | SV-1 |
| JB58217-5 | 01/20/14 | 10:46 RA | 01/20/14 | AIR | Soil Vapor Comp. | SV-5 |
| JB58217-6 | 01/20/14 | 11:05 RA | 01/20/14 | AIR | Soil Vapor Comp. | SV-2 |
| JB58217-7 | 01/20/14 | 11:11 RA | 01/20/14 | AIR | Ambient Air Comp. | AA-1 |

CASE NARRATIVE / CONFORMANCE SUMMARY

Client: AKRF

Job No JB58217

Site: Flushing Commons, Union Street, Flushing, NY

Report Date 1/27/2014 12:43:15 P

On 01/20/2014, 7 Sample(s), 0 Trip Blank(s) and 0 Field Blank(s) were received at Accutest Laboratories . Samples were intact and chemically preserved, unless noted below. An Accutest Job Number of JB58217 was assigned to the project. Laboratory sample ID, client sample ID and dates of sample collection are detailed in the report's Results Summary Section.

Specified quality control criteria were achieved for this job except as noted below. For more information, please refer to the analytical results and QC summary pages.

Volatiles by GCMS By Method TO-15

Matrix: AIR

Batch ID: V3W1468

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JB58217-2DUP were used as the QC samples indicated.
- Sample(s) JB58217-2, JB58217-4, JB58217-5, JB58217-6 have compounds reported with "E" qualifiers indicating estimated value exceeding calibration range.
- V3W1468-BS for Hexachlorobutadiene: High percent recoveries and no associated positive found in the QC batch.

Accutest certifies that data reported for samples received, listed on the associated custody chain or analytical task order, were produced to specifications meeting Accutest's Quality System precision, accuracy and completeness objectives except as noted.

Estimated non-standard method measurement uncertainty data is available on request, based on quality control bias and implicit for standard methods. Acceptable uncertainty requires tested parameter quality control data to meet method criteria.

Accutest Laboratories is not responsible for data quality assumptions if partial reports are used and recommends that this report be used in its entirety. Data release is authorized by Accutest Laboratories indicated via signature on the report cover

Summary of Hits

Job Number: JB58217
Account: AKRF
Project: Flushing Commons, Union Street, Flushing, NY
Collected: 01/20/14

| Lab Sample ID | Client Sample ID | Result/ Qual | RL | MDL | Units | Method |
|-------------------------|------------------|-----------------|-------|-------|-------|--------|
| JB58217-1 | SV-4 | | | | | |
| Acetone | | 26.2 | 0.20 | 0.034 | ppbv | TO-15 |
| Benzene | | 1.0 | 0.20 | 0.021 | ppbv | TO-15 |
| Carbon disulfide | | 0.98 | 0.20 | 0.017 | ppbv | TO-15 |
| Chloroform | | 0.90 | 0.20 | 0.019 | ppbv | TO-15 |
| Chloromethane | | 0.16 J | 0.20 | 0.034 | ppbv | TO-15 |
| Cyclohexane | | 2.6 | 0.20 | 0.058 | ppbv | TO-15 |
| Dichlorodifluoromethane | | 0.80 | 0.20 | 0.015 | ppbv | TO-15 |
| Ethanol | | 31.3 | 0.50 | 0.19 | ppbv | TO-15 |
| Ethylbenzene | | 0.60 | 0.20 | 0.020 | ppbv | TO-15 |
| Ethyl Acetate | | 0.47 | 0.20 | 0.057 | ppbv | TO-15 |
| Freon 113 | | 8.3 | 0.20 | 0.021 | ppbv | TO-15 |
| Heptane | | 1.3 | 0.20 | 0.020 | ppbv | TO-15 |
| Hexane | | 4.8 | 0.20 | 0.016 | ppbv | TO-15 |
| Methylene chloride | | 15.8 | 0.20 | 0.047 | ppbv | TO-15 |
| Methyl ethyl ketone | | 0.63 | 0.20 | 0.058 | ppbv | TO-15 |
| 1,2,4-Trimethylbenzene | | 0.25 | 0.20 | 0.017 | ppbv | TO-15 |
| 1,3,5-Trimethylbenzene | | 0.097 J | 0.20 | 0.015 | ppbv | TO-15 |
| 2,2,4-Trimethylpentane | | 1.5 | 0.20 | 0.021 | ppbv | TO-15 |
| Tertiary Butyl Alcohol | | 0.23 | 0.20 | 0.044 | ppbv | TO-15 |
| Tetrachloroethylene | | 15.4 | 0.040 | 0.029 | ppbv | TO-15 |
| Toluene | | 3.6 | 0.20 | 0.020 | ppbv | TO-15 |
| Trichloroethylene | | 0.12 | 0.040 | 0.019 | ppbv | TO-15 |
| Trichlorofluoromethane | | 0.53 | 0.20 | 0.014 | ppbv | TO-15 |
| m,p-Xylene | | 2.0 | 0.20 | 0.032 | ppbv | TO-15 |
| o-Xylene | | 0.68 | 0.20 | 0.019 | ppbv | TO-15 |
| Xylenes (total) | | 2.7 | 0.20 | 0.019 | ppbv | TO-15 |
| Acetone | | 62.2 | 0.48 | 0.081 | ug/m3 | TO-15 |
| Benzene | | 3.2 | 0.64 | 0.067 | ug/m3 | TO-15 |
| Carbon disulfide | | 3.1 | 0.62 | 0.053 | ug/m3 | TO-15 |
| Chloroform | | 4.4 | 0.98 | 0.093 | ug/m3 | TO-15 |
| Chloromethane | | 0.33 J | 0.41 | 0.070 | ug/m3 | TO-15 |
| Cyclohexane | | 8.9 | 0.69 | 0.20 | ug/m3 | TO-15 |
| Dichlorodifluoromethane | | 4.0 | 0.99 | 0.074 | ug/m3 | TO-15 |
| Ethanol | | 59.0 | 0.94 | 0.36 | ug/m3 | TO-15 |
| Ethylbenzene | | 2.6 | 0.87 | 0.087 | ug/m3 | TO-15 |
| Ethyl Acetate | | 1.7 | 0.72 | 0.21 | ug/m3 | TO-15 |
| Freon 113 | | 64 | 1.5 | 0.16 | ug/m3 | TO-15 |
| Heptane | | 5.3 | 0.82 | 0.082 | ug/m3 | TO-15 |
| Hexane | | 17 | 0.70 | 0.056 | ug/m3 | TO-15 |
| Methylene chloride | | 54.9 | 0.69 | 0.16 | ug/m3 | TO-15 |
| Methyl ethyl ketone | | 1.9 | 0.59 | 0.17 | ug/m3 | TO-15 |
| 1,2,4-Trimethylbenzene | | 1.2 | 0.98 | 0.084 | ug/m3 | TO-15 |
| 1,3,5-Trimethylbenzene | | 0.48 J | 0.98 | 0.074 | ug/m3 | TO-15 |

Summary of Hits

Job Number: JB58217
Account: AKRF
Project: Flushing Commons, Union Street, Flushing, NY
Collected: 01/20/14

| Lab Sample ID | Client Sample ID | Result/ Analyte | RL | MDL | Units | Method | |
|---------------|------------------|-------------------------|---------|-------|-------|--------|-------|
| | | 2,2,4-Trimethylpentane | 7.0 | 0.93 | 0.098 | ug/m3 | TO-15 |
| | | Tertiary Butyl Alcohol | 0.70 | 0.61 | 0.13 | ug/m3 | TO-15 |
| | | Tetrachloroethylene | 104 | 0.27 | 0.20 | ug/m3 | TO-15 |
| | | Toluene | 14 | 0.75 | 0.075 | ug/m3 | TO-15 |
| | | Trichloroethylene | 0.64 | 0.21 | 0.10 | ug/m3 | TO-15 |
| | | Trichlorofluoromethane | 3.0 | 1.1 | 0.079 | ug/m3 | TO-15 |
| | | m,p-Xylene | 8.7 | 0.87 | 0.14 | ug/m3 | TO-15 |
| | | o-Xylene | 3.0 | 0.87 | 0.083 | ug/m3 | TO-15 |
| | | Xylenes (total) | 12 | 0.87 | 0.083 | ug/m3 | TO-15 |
| JB58217-2 | SV-3 | | | | | | |
| | | Acetone | 36.6 | 0.20 | 0.034 | ppbv | TO-15 |
| | | Benzene | 0.60 | 0.20 | 0.021 | ppbv | TO-15 |
| | | Carbon disulfide | 0.59 | 0.20 | 0.017 | ppbv | TO-15 |
| | | Chloromethane | 0.12 J | 0.20 | 0.034 | ppbv | TO-15 |
| | | Dichlorodifluoromethane | 0.77 | 0.20 | 0.015 | ppbv | TO-15 |
| | | Ethanol | 143 E | 0.50 | 0.19 | ppbv | TO-15 |
| | | Ethylbenzene | 0.54 | 0.20 | 0.020 | ppbv | TO-15 |
| | | Ethyl Acetate | 1.0 | 0.20 | 0.057 | ppbv | TO-15 |
| | | 4-Ethyltoluene | 0.096 J | 0.20 | 0.015 | ppbv | TO-15 |
| | | Freon 113 | 1.7 | 0.20 | 0.021 | ppbv | TO-15 |
| | | Heptane | 0.23 | 0.20 | 0.020 | ppbv | TO-15 |
| | | Hexane | 0.79 | 0.20 | 0.016 | ppbv | TO-15 |
| | | Isopropyl Alcohol | 3.0 | 0.20 | 0.039 | ppbv | TO-15 |
| | | Methylene chloride | 1.3 | 0.20 | 0.047 | ppbv | TO-15 |
| | | Methyl ethyl ketone | 0.40 | 0.20 | 0.058 | ppbv | TO-15 |
| | | Propylene | 2.9 | 0.50 | 0.031 | ppbv | TO-15 |
| | | 1,2,4-Trimethylbenzene | 0.48 | 0.20 | 0.017 | ppbv | TO-15 |
| | | 1,3,5-Trimethylbenzene | 0.13 J | 0.20 | 0.015 | ppbv | TO-15 |
| | | 2,2,4-Trimethylpentane | 0.18 J | 0.20 | 0.021 | ppbv | TO-15 |
| | | Tertiary Butyl Alcohol | 0.73 | 0.20 | 0.044 | ppbv | TO-15 |
| | | Tetrachloroethylene | 0.067 | 0.040 | 0.029 | ppbv | TO-15 |
| | | Toluene | 1.3 | 0.20 | 0.020 | ppbv | TO-15 |
| | | Trichlorofluoromethane | 0.48 | 0.20 | 0.014 | ppbv | TO-15 |
| | | m,p-Xylene | 1.9 | 0.20 | 0.032 | ppbv | TO-15 |
| | | o-Xylene | 0.57 | 0.20 | 0.019 | ppbv | TO-15 |
| | | Xylenes (total) | 2.5 | 0.20 | 0.019 | ppbv | TO-15 |
| | | Acetone | 86.9 | 0.48 | 0.081 | ug/m3 | TO-15 |
| | | Benzene | 1.9 | 0.64 | 0.067 | ug/m3 | TO-15 |
| | | Carbon disulfide | 1.8 | 0.62 | 0.053 | ug/m3 | TO-15 |
| | | Chloromethane | 0.25 J | 0.41 | 0.070 | ug/m3 | TO-15 |
| | | Dichlorodifluoromethane | 3.8 | 0.99 | 0.074 | ug/m3 | TO-15 |
| | | Ethanol | 269 E | 0.94 | 0.36 | ug/m3 | TO-15 |
| | | Ethylbenzene | 2.3 | 0.87 | 0.087 | ug/m3 | TO-15 |

Summary of Hits

Job Number: JB58217
Account: AKRF
Project: Flushing Commons, Union Street, Flushing, NY
Collected: 01/20/14

| Lab Sample ID | Client Sample ID | Result/ Analyte | RL | MDL | Units | Method |
|---------------|------------------|-------------------------|--------|------|-------|-------------|
| | | Ethyl Acetate | 3.6 | 0.72 | 0.21 | ug/m3 TO-15 |
| | | 4-Ethyltoluene | 0.47 J | 0.98 | 0.074 | ug/m3 TO-15 |
| | | Freon 113 | 13 | 1.5 | 0.16 | ug/m3 TO-15 |
| | | Heptane | 0.94 | 0.82 | 0.082 | ug/m3 TO-15 |
| | | Hexane | 2.8 | 0.70 | 0.056 | ug/m3 TO-15 |
| | | Isopropyl Alcohol | 7.4 | 0.49 | 0.096 | ug/m3 TO-15 |
| | | Methylene chloride | 4.5 | 0.69 | 0.16 | ug/m3 TO-15 |
| | | Methyl ethyl ketone | 1.2 | 0.59 | 0.17 | ug/m3 TO-15 |
| | | Propylene | 5.0 | 0.86 | 0.053 | ug/m3 TO-15 |
| | | 1,2,4-Trimethylbenzene | 2.4 | 0.98 | 0.084 | ug/m3 TO-15 |
| | | 1,3,5-Trimethylbenzene | 0.64 J | 0.98 | 0.074 | ug/m3 TO-15 |
| | | 2,2,4-Trimethylpentane | 0.84 J | 0.93 | 0.098 | ug/m3 TO-15 |
| | | Tertiary Butyl Alcohol | 2.2 | 0.61 | 0.13 | ug/m3 TO-15 |
| | | Tetrachloroethylene | 0.45 | 0.27 | 0.20 | ug/m3 TO-15 |
| | | Toluene | 4.9 | 0.75 | 0.075 | ug/m3 TO-15 |
| | | Trichlorofluoromethane | 2.7 | 1.1 | 0.079 | ug/m3 TO-15 |
| | | m,p-Xylene | 8.3 | 0.87 | 0.14 | ug/m3 TO-15 |
| | | o-Xylene | 2.5 | 0.87 | 0.083 | ug/m3 TO-15 |
| | | Xylenes (total) | 11 | 0.87 | 0.083 | ug/m3 TO-15 |
| JB58217-3 | SV-6 | | | | | |
| | | Acetone | 25.3 | 0.20 | 0.034 | ppbv TO-15 |
| | | Benzene | 0.63 | 0.20 | 0.021 | ppbv TO-15 |
| | | Carbon disulfide | 1.5 | 0.20 | 0.017 | ppbv TO-15 |
| | | Chloroethane | 0.32 | 0.20 | 0.020 | ppbv TO-15 |
| | | Chloromethane | 0.12 J | 0.20 | 0.034 | ppbv TO-15 |
| | | Cyclohexane | 0.68 | 0.20 | 0.058 | ppbv TO-15 |
| | | Dichlorodifluoromethane | 0.65 | 0.20 | 0.015 | ppbv TO-15 |
| | | Ethanol | 21.1 | 0.50 | 0.19 | ppbv TO-15 |
| | | Ethylbenzene | 2.5 | 0.20 | 0.020 | ppbv TO-15 |
| | | Ethyl Acetate | 0.23 | 0.20 | 0.057 | ppbv TO-15 |
| | | 4-Ethyltoluene | 0.46 | 0.20 | 0.015 | ppbv TO-15 |
| | | Freon 113 | 1.1 | 0.20 | 0.021 | ppbv TO-15 |
| | | Heptane | 0.51 | 0.20 | 0.020 | ppbv TO-15 |
| | | Hexane | 1.6 | 0.20 | 0.016 | ppbv TO-15 |
| | | 2-Hexanone | 0.31 | 0.20 | 0.025 | ppbv TO-15 |
| | | Isopropyl Alcohol | 1.1 | 0.20 | 0.039 | ppbv TO-15 |
| | | Methylene chloride | 2.6 | 0.20 | 0.047 | ppbv TO-15 |
| | | Methyl ethyl ketone | 1.9 | 0.20 | 0.058 | ppbv TO-15 |
| | | Methyl Isobutyl Ketone | 0.51 | 0.20 | 0.029 | ppbv TO-15 |
| | | Styrene | 0.23 | 0.20 | 0.020 | ppbv TO-15 |
| | | 1,2,4-Trimethylbenzene | 1.6 | 0.20 | 0.017 | ppbv TO-15 |
| | | 1,3,5-Trimethylbenzene | 0.68 | 0.20 | 0.015 | ppbv TO-15 |
| | | 2,2,4-Trimethylpentane | 0.32 | 0.20 | 0.021 | ppbv TO-15 |

Summary of Hits

Job Number: JB58217
Account: AKRF
Project: Flushing Commons, Union Street, Flushing, NY
Collected: 01/20/14

| Lab Sample ID Analyte | Client Sample ID | Result/ Qual | RL | MDL | Units | Method |
|--------------------------|------------------|-----------------|-------|-------|-------|--------|
| Chloroform | | 0.28 | 0.20 | 0.019 | ppbv | TO-15 |
| Chloromethane | | 0.38 | 0.20 | 0.034 | ppbv | TO-15 |
| Cyclohexane | | 0.20 | 0.20 | 0.058 | ppbv | TO-15 |
| Dichlorodifluoromethane | | 0.72 | 0.20 | 0.015 | ppbv | TO-15 |
| cis-1,2-Dichloroethylene | | 0.18 J | 0.20 | 0.028 | ppbv | TO-15 |
| Ethanol | | 111 E | 0.50 | 0.19 | ppbv | TO-15 |
| Ethylbenzene | | 0.54 | 0.20 | 0.020 | ppbv | TO-15 |
| Ethyl Acetate | | 1.0 | 0.20 | 0.057 | ppbv | TO-15 |
| Freon 113 | | 6.4 | 0.20 | 0.021 | ppbv | TO-15 |
| Heptane | | 0.83 | 0.20 | 0.020 | ppbv | TO-15 |
| Hexane | | 2.8 | 0.20 | 0.016 | ppbv | TO-15 |
| Isopropyl Alcohol | | 1.6 | 0.20 | 0.039 | ppbv | TO-15 |
| Methylene chloride | | 4.4 | 0.20 | 0.047 | ppbv | TO-15 |
| Methyl ethyl ketone | | 0.32 | 0.20 | 0.058 | ppbv | TO-15 |
| Propylene | | 5.1 | 0.50 | 0.031 | ppbv | TO-15 |
| 1,1,1-Trichloroethane | | 0.11 J | 0.20 | 0.016 | ppbv | TO-15 |
| 1,2,4-Trimethylbenzene | | 0.27 | 0.20 | 0.017 | ppbv | TO-15 |
| 2,2,4-Trimethylpentane | | 0.70 | 0.20 | 0.021 | ppbv | TO-15 |
| Tertiary Butyl Alcohol | | 0.43 | 0.20 | 0.044 | ppbv | TO-15 |
| Tetrachloroethylene | | 1.3 | 0.040 | 0.029 | ppbv | TO-15 |
| Toluene | | 3.7 | 0.20 | 0.020 | ppbv | TO-15 |
| Trichloroethylene | | 0.13 | 0.040 | 0.019 | ppbv | TO-15 |
| Trichlorofluoromethane | | 1.3 | 0.20 | 0.014 | ppbv | TO-15 |
| m,p-Xylene | | 1.8 | 0.20 | 0.032 | ppbv | TO-15 |
| o-Xylene | | 0.51 | 0.20 | 0.019 | ppbv | TO-15 |
| Xylenes (total) | | 2.3 | 0.20 | 0.019 | ppbv | TO-15 |
| Acetone | | 67.0 | 0.48 | 0.081 | ug/m3 | TO-15 |
| Benzene | | 3.5 | 0.64 | 0.067 | ug/m3 | TO-15 |
| Carbon disulfide | | 4.7 | 0.62 | 0.053 | ug/m3 | TO-15 |
| Chloroform | | 1.4 | 0.98 | 0.093 | ug/m3 | TO-15 |
| Chloromethane | | 0.78 | 0.41 | 0.070 | ug/m3 | TO-15 |
| Cyclohexane | | 0.69 | 0.69 | 0.20 | ug/m3 | TO-15 |
| Dichlorodifluoromethane | | 3.6 | 0.99 | 0.074 | ug/m3 | TO-15 |
| cis-1,2-Dichloroethylene | | 0.71 J | 0.79 | 0.11 | ug/m3 | TO-15 |
| Ethanol | | 209 E | 0.94 | 0.36 | ug/m3 | TO-15 |
| Ethylbenzene | | 2.3 | 0.87 | 0.087 | ug/m3 | TO-15 |
| Ethyl Acetate | | 3.6 | 0.72 | 0.21 | ug/m3 | TO-15 |
| Freon 113 | | 49 | 1.5 | 0.16 | ug/m3 | TO-15 |
| Heptane | | 3.4 | 0.82 | 0.082 | ug/m3 | TO-15 |
| Hexane | | 9.9 | 0.70 | 0.056 | ug/m3 | TO-15 |
| Isopropyl Alcohol | | 3.9 | 0.49 | 0.096 | ug/m3 | TO-15 |
| Methylene chloride | | 15 | 0.69 | 0.16 | ug/m3 | TO-15 |
| Methyl ethyl ketone | | 0.94 | 0.59 | 0.17 | ug/m3 | TO-15 |
| Propylene | | 8.8 | 0.86 | 0.053 | ug/m3 | TO-15 |
| 1,1,1-Trichloroethane | | 0.60 J | 1.1 | 0.087 | ug/m3 | TO-15 |

Summary of Hits

Job Number: JB58217
Account: AKRF
Project: Flushing Commons, Union Street, Flushing, NY
Collected: 01/20/14

| Lab Sample ID | Client Sample ID | Result/ Qual | RL | MDL | Units | Method |
|---------------|------------------|-----------------|-------|-------|-------|--------|
| | | 1.3 | 0.98 | 0.084 | ug/m3 | TO-15 |
| | | 3.3 | 0.93 | 0.098 | ug/m3 | TO-15 |
| | | 1.3 | 0.61 | 0.13 | ug/m3 | TO-15 |
| | | 8.8 | 0.27 | 0.20 | ug/m3 | TO-15 |
| | | 14 | 0.75 | 0.075 | ug/m3 | TO-15 |
| | | 0.70 | 0.21 | 0.10 | ug/m3 | TO-15 |
| | | 7.3 | 1.1 | 0.079 | ug/m3 | TO-15 |
| | | 7.8 | 0.87 | 0.14 | ug/m3 | TO-15 |
| | | 2.2 | 0.87 | 0.083 | ug/m3 | TO-15 |
| | | 10 | 0.87 | 0.083 | ug/m3 | TO-15 |
| JB58217-5 | SV-5 | | | | | |
| | | 34.2 | 0.20 | 0.034 | ppbv | TO-15 |
| | | 0.49 | 0.20 | 0.021 | ppbv | TO-15 |
| | | 0.26 | 0.20 | 0.017 | ppbv | TO-15 |
| | | 0.17 J | 0.20 | 0.034 | ppbv | TO-15 |
| | | 0.15 J | 0.20 | 0.058 | ppbv | TO-15 |
| | | 0.74 | 0.20 | 0.015 | ppbv | TO-15 |
| | | 0.16 J | 0.20 | 0.025 | ppbv | TO-15 |
| | | 80.8 E | 0.50 | 0.19 | ppbv | TO-15 |
| | | 1.3 | 0.20 | 0.020 | ppbv | TO-15 |
| | | 0.89 | 0.20 | 0.057 | ppbv | TO-15 |
| | | 0.33 | 0.20 | 0.015 | ppbv | TO-15 |
| | | 2.4 | 0.20 | 0.021 | ppbv | TO-15 |
| | | 0.30 | 0.20 | 0.020 | ppbv | TO-15 |
| | | 0.94 | 0.20 | 0.016 | ppbv | TO-15 |
| | | 1.2 | 0.20 | 0.039 | ppbv | TO-15 |
| | | 2.4 | 0.20 | 0.047 | ppbv | TO-15 |
| | | 0.52 | 0.20 | 0.058 | ppbv | TO-15 |
| | | 0.64 | 0.20 | 0.040 | ppbv | TO-15 |
| | | 1.3 | 0.50 | 0.031 | ppbv | TO-15 |
| | | 0.10 J | 0.20 | 0.020 | ppbv | TO-15 |
| | | 0.98 | 0.20 | 0.017 | ppbv | TO-15 |
| | | 0.40 | 0.20 | 0.015 | ppbv | TO-15 |
| | | 0.20 | 0.20 | 0.021 | ppbv | TO-15 |
| | | 0.40 | 0.20 | 0.044 | ppbv | TO-15 |
| | | 11.0 | 0.040 | 0.029 | ppbv | TO-15 |
| | | 0.12 J | 0.20 | 0.045 | ppbv | TO-15 |
| | | 2.8 | 0.20 | 0.020 | ppbv | TO-15 |
| | | 0.084 | 0.040 | 0.019 | ppbv | TO-15 |
| | | 0.67 | 0.20 | 0.014 | ppbv | TO-15 |
| | | 4.7 | 0.20 | 0.032 | ppbv | TO-15 |
| | | 2.1 | 0.20 | 0.019 | ppbv | TO-15 |
| | | 6.8 | 0.20 | 0.019 | ppbv | TO-15 |

Summary of Hits

Job Number: JB58217
Account: AKRF
Project: Flushing Commons, Union Street, Flushing, NY
Collected: 01/20/14



| Lab Sample ID | Client Sample ID | Result/ Qual | RL | MDL | Units | Method |
|---------------|------------------|-----------------|----|-----|-------|--------|
|---------------|------------------|-----------------|----|-----|-------|--------|

| | | | | | | |
|-------------------------|--|--------|------|-------|-------|-------|
| Acetone | | 81.2 | 0.48 | 0.081 | ug/m3 | TO-15 |
| Benzene | | 1.6 | 0.64 | 0.067 | ug/m3 | TO-15 |
| Carbon disulfide | | 0.81 | 0.62 | 0.053 | ug/m3 | TO-15 |
| Chloromethane | | 0.35 J | 0.41 | 0.070 | ug/m3 | TO-15 |
| Cyclohexane | | 0.52 J | 0.69 | 0.20 | ug/m3 | TO-15 |
| Dichlorodifluoromethane | | 3.7 | 0.99 | 0.074 | ug/m3 | TO-15 |
| m-Dichlorobenzene | | 0.96 J | 1.2 | 0.15 | ug/m3 | TO-15 |
| Ethanol | | 152 E | 0.94 | 0.36 | ug/m3 | TO-15 |
| Ethylbenzene | | 5.6 | 0.87 | 0.087 | ug/m3 | TO-15 |
| Ethyl Acetate | | 3.2 | 0.72 | 0.21 | ug/m3 | TO-15 |
| 4-Ethyltoluene | | 1.6 | 0.98 | 0.074 | ug/m3 | TO-15 |
| Freon 113 | | 18 | 1.5 | 0.16 | ug/m3 | TO-15 |
| Heptane | | 1.2 | 0.82 | 0.082 | ug/m3 | TO-15 |
| Hexane | | 3.3 | 0.70 | 0.056 | ug/m3 | TO-15 |
| Isopropyl Alcohol | | 2.9 | 0.49 | 0.096 | ug/m3 | TO-15 |
| Methylene chloride | | 8.3 | 0.69 | 0.16 | ug/m3 | TO-15 |
| Methyl ethyl ketone | | 1.5 | 0.59 | 0.17 | ug/m3 | TO-15 |
| Methylmethacrylate | | 2.6 | 0.82 | 0.16 | ug/m3 | TO-15 |
| Propylene | | 2.2 | 0.86 | 0.053 | ug/m3 | TO-15 |
| Styrene | | 0.43 J | 0.85 | 0.085 | ug/m3 | TO-15 |
| 1,2,4-Trimethylbenzene | | 4.8 | 0.98 | 0.084 | ug/m3 | TO-15 |
| 1,3,5-Trimethylbenzene | | 2.0 | 0.98 | 0.074 | ug/m3 | TO-15 |
| 2,2,4-Trimethylpentane | | 0.93 | 0.93 | 0.098 | ug/m3 | TO-15 |
| Tertiary Butyl Alcohol | | 1.2 | 0.61 | 0.13 | ug/m3 | TO-15 |
| Tetrachloroethylene | | 74.6 | 0.27 | 0.20 | ug/m3 | TO-15 |
| Tetrahydrofuran | | 0.35 J | 0.59 | 0.13 | ug/m3 | TO-15 |
| Toluene | | 11 | 0.75 | 0.075 | ug/m3 | TO-15 |
| Trichloroethylene | | 0.45 | 0.21 | 0.10 | ug/m3 | TO-15 |
| Trichlorofluoromethane | | 3.8 | 1.1 | 0.079 | ug/m3 | TO-15 |
| m,p-Xylene | | 20 | 0.87 | 0.14 | ug/m3 | TO-15 |
| o-Xylene | | 9.1 | 0.87 | 0.083 | ug/m3 | TO-15 |
| Xylenes (total) | | 30 | 0.87 | 0.083 | ug/m3 | TO-15 |

JB58217-6 SV-2

| | | | | | | |
|-------------------------|--|--------|------|-------|------|-------|
| Acetone | | 21.9 | 0.20 | 0.034 | ppbv | TO-15 |
| Benzene | | 0.63 | 0.20 | 0.021 | ppbv | TO-15 |
| Carbon disulfide | | 0.34 | 0.20 | 0.017 | ppbv | TO-15 |
| Dichlorodifluoromethane | | 0.64 | 0.20 | 0.015 | ppbv | TO-15 |
| m-Dichlorobenzene | | 0.14 J | 0.20 | 0.025 | ppbv | TO-15 |
| Ethanol | | 73.4 E | 0.50 | 0.19 | ppbv | TO-15 |
| Ethylbenzene | | 0.60 | 0.20 | 0.020 | ppbv | TO-15 |
| Ethyl Acetate | | 0.74 | 0.20 | 0.057 | ppbv | TO-15 |
| 4-Ethyltoluene | | 0.11 J | 0.20 | 0.015 | ppbv | TO-15 |
| Freon 113 | | 1.1 | 0.20 | 0.021 | ppbv | TO-15 |

Summary of Hits

Job Number: JB58217
 Account: AKRF
 Project: Flushing Commons, Union Street, Flushing, NY
 Collected: 01/20/14



| Lab Sample ID | Client Sample ID | Result/ Qual | RL | MDL | Units | Method | |
|---------------|------------------|-------------------------|--------|-------|-------|--------|-------|
| | | Heptane | 0.27 | 0.20 | 0.020 | ppbv | TO-15 |
| | | Hexane | 0.65 | 0.20 | 0.016 | ppbv | TO-15 |
| | | Isopropyl Alcohol | 2.3 | 0.20 | 0.039 | ppbv | TO-15 |
| | | Methylene chloride | 1.9 | 0.20 | 0.047 | ppbv | TO-15 |
| | | Methyl ethyl ketone | 0.56 | 0.20 | 0.058 | ppbv | TO-15 |
| | | 1,2,4-Trimethylbenzene | 0.40 | 0.20 | 0.017 | ppbv | TO-15 |
| | | 1,3,5-Trimethylbenzene | 0.13 J | 0.20 | 0.015 | ppbv | TO-15 |
| | | 2,2,4-Trimethylpentane | 0.14 J | 0.20 | 0.021 | ppbv | TO-15 |
| | | Tertiary Butyl Alcohol | 0.53 | 0.20 | 0.044 | ppbv | TO-15 |
| | | Tetrachloroethylene | 0.47 | 0.040 | 0.029 | ppbv | TO-15 |
| | | Toluene | 1.5 | 0.20 | 0.020 | ppbv | TO-15 |
| | | Trichlorofluoromethane | 0.49 | 0.20 | 0.014 | ppbv | TO-15 |
| | | m,p-Xylene | 2.4 | 0.20 | 0.032 | ppbv | TO-15 |
| | | o-Xylene | 0.67 | 0.20 | 0.019 | ppbv | TO-15 |
| | | Xylenes (total) | 3.1 | 0.20 | 0.019 | ppbv | TO-15 |
| | | Acetone | 52.0 | 0.48 | 0.081 | ug/m3 | TO-15 |
| | | Benzene | 2.0 | 0.64 | 0.067 | ug/m3 | TO-15 |
| | | Carbon disulfide | 1.1 | 0.62 | 0.053 | ug/m3 | TO-15 |
| | | Dichlorodifluoromethane | 3.2 | 0.99 | 0.074 | ug/m3 | TO-15 |
| | | m-Dichlorobenzene | 0.84 J | 1.2 | 0.15 | ug/m3 | TO-15 |
| | | Ethanol | 138 E | 0.94 | 0.36 | ug/m3 | TO-15 |
| | | Ethylbenzene | 2.6 | 0.87 | 0.087 | ug/m3 | TO-15 |
| | | Ethyl Acetate | 2.7 | 0.72 | 0.21 | ug/m3 | TO-15 |
| | | 4-Ethyltoluene | 0.54 J | 0.98 | 0.074 | ug/m3 | TO-15 |
| | | Freon 113 | 8.4 | 1.5 | 0.16 | ug/m3 | TO-15 |
| | | Heptane | 1.1 | 0.82 | 0.082 | ug/m3 | TO-15 |
| | | Hexane | 2.3 | 0.70 | 0.056 | ug/m3 | TO-15 |
| | | Isopropyl Alcohol | 5.7 | 0.49 | 0.096 | ug/m3 | TO-15 |
| | | Methylene chloride | 6.6 | 0.69 | 0.16 | ug/m3 | TO-15 |
| | | Methyl ethyl ketone | 1.7 | 0.59 | 0.17 | ug/m3 | TO-15 |
| | | 1,2,4-Trimethylbenzene | 2.0 | 0.98 | 0.084 | ug/m3 | TO-15 |
| | | 1,3,5-Trimethylbenzene | 0.64 J | 0.98 | 0.074 | ug/m3 | TO-15 |
| | | 2,2,4-Trimethylpentane | 0.65 J | 0.93 | 0.098 | ug/m3 | TO-15 |
| | | Tertiary Butyl Alcohol | 1.6 | 0.61 | 0.13 | ug/m3 | TO-15 |
| | | Tetrachloroethylene | 3.2 | 0.27 | 0.20 | ug/m3 | TO-15 |
| | | Toluene | 5.7 | 0.75 | 0.075 | ug/m3 | TO-15 |
| | | Trichlorofluoromethane | 2.8 | 1.1 | 0.079 | ug/m3 | TO-15 |
| | | m,p-Xylene | 10 | 0.87 | 0.14 | ug/m3 | TO-15 |
| | | o-Xylene | 2.9 | 0.87 | 0.083 | ug/m3 | TO-15 |
| | | Xylenes (total) | 13 | 0.87 | 0.083 | ug/m3 | TO-15 |
| JB58217-7 | AA-1 | | | | | | |
| | | Acetone | 3.1 | 0.20 | 0.034 | ppbv | TO-15 |
| | | Benzene | 0.51 | 0.20 | 0.021 | ppbv | TO-15 |

Summary of Hits

Job Number: JB58217
Account: AKRF
Project: Flushing Commons, Union Street, Flushing, NY
Collected: 01/20/14

| Lab Sample ID Analyte | Client Sample ID | Result/ Qual | RL | MDL | Units | Method |
|--------------------------|------------------|-----------------|-------|-------|-------|--------|
| Chloromethane | | 0.52 | 0.20 | 0.034 | ppbv | TO-15 |
| Dichlorodifluoromethane | | 0.59 | 0.20 | 0.015 | ppbv | TO-15 |
| Ethanol | | 10.3 | 0.50 | 0.19 | ppbv | TO-15 |
| Ethylbenzene | | 0.12 J | 0.20 | 0.020 | ppbv | TO-15 |
| Ethyl Acetate | | 1.0 | 0.20 | 0.057 | ppbv | TO-15 |
| Freon 113 | | 0.37 | 0.20 | 0.021 | ppbv | TO-15 |
| Heptane | | 0.14 J | 0.20 | 0.020 | ppbv | TO-15 |
| Hexane | | 0.51 | 0.20 | 0.016 | ppbv | TO-15 |
| Isopropyl Alcohol | | 1.2 | 0.20 | 0.039 | ppbv | TO-15 |
| Methylene chloride | | 1.4 | 0.20 | 0.047 | ppbv | TO-15 |
| Methyl ethyl ketone | | 0.27 | 0.20 | 0.058 | ppbv | TO-15 |
| 1,2,4-Trimethylbenzene | | 0.12 J | 0.20 | 0.017 | ppbv | TO-15 |
| 2,2,4-Trimethylpentane | | 0.14 J | 0.20 | 0.021 | ppbv | TO-15 |
| Tetrachloroethylene | | 0.18 | 0.040 | 0.029 | ppbv | TO-15 |
| Toluene | | 0.83 | 0.20 | 0.020 | ppbv | TO-15 |
| Trichlorofluoromethane | | 0.29 | 0.20 | 0.014 | ppbv | TO-15 |
| m,p-Xylene | | 0.43 | 0.20 | 0.032 | ppbv | TO-15 |
| o-Xylene | | 0.15 J | 0.20 | 0.019 | ppbv | TO-15 |
| Xylenes (total) | | 0.58 | 0.20 | 0.019 | ppbv | TO-15 |
| Acetone | | 7.4 | 0.48 | 0.081 | ug/m3 | TO-15 |
| Benzene | | 1.6 | 0.64 | 0.067 | ug/m3 | TO-15 |
| Chloromethane | | 1.1 | 0.41 | 0.070 | ug/m3 | TO-15 |
| Dichlorodifluoromethane | | 2.9 | 0.99 | 0.074 | ug/m3 | TO-15 |
| Ethanol | | 19.4 | 0.94 | 0.36 | ug/m3 | TO-15 |
| Ethylbenzene | | 0.52 J | 0.87 | 0.087 | ug/m3 | TO-15 |
| Ethyl Acetate | | 3.6 | 0.72 | 0.21 | ug/m3 | TO-15 |
| Freon 113 | | 2.8 | 1.5 | 0.16 | ug/m3 | TO-15 |
| Heptane | | 0.57 J | 0.82 | 0.082 | ug/m3 | TO-15 |
| Hexane | | 1.8 | 0.70 | 0.056 | ug/m3 | TO-15 |
| Isopropyl Alcohol | | 2.9 | 0.49 | 0.096 | ug/m3 | TO-15 |
| Methylene chloride | | 4.9 | 0.69 | 0.16 | ug/m3 | TO-15 |
| Methyl ethyl ketone | | 0.80 | 0.59 | 0.17 | ug/m3 | TO-15 |
| 1,2,4-Trimethylbenzene | | 0.59 J | 0.98 | 0.084 | ug/m3 | TO-15 |
| 2,2,4-Trimethylpentane | | 0.65 J | 0.93 | 0.098 | ug/m3 | TO-15 |
| Tetrachloroethylene | | 1.2 | 0.27 | 0.20 | ug/m3 | TO-15 |
| Toluene | | 3.1 | 0.75 | 0.075 | ug/m3 | TO-15 |
| Trichlorofluoromethane | | 1.6 | 1.1 | 0.079 | ug/m3 | TO-15 |
| m,p-Xylene | | 1.9 | 0.87 | 0.14 | ug/m3 | TO-15 |
| o-Xylene | | 0.65 J | 0.87 | 0.083 | ug/m3 | TO-15 |
| Xylenes (total) | | 2.5 | 0.87 | 0.083 | ug/m3 | TO-15 |

Sample Results

Report of Analysis

Report of Analysis

| | |
|---|-------------------------|
| Client Sample ID: SV-4 | Date Sampled: 01/20/14 |
| Lab Sample ID: JB58217-1 | Date Received: 01/20/14 |
| Matrix: AIR - Soil Vapor Comp. Summa ID: A169 | Percent Solids: n/a |
| Method: TO-15 | |
| Project: Flushing Commons, Union Street, Flushing, NY | |

| Run #1 | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|-----------|----|----------|-----|-----------|------------|------------------|
| Run #2 | 3W38450.D | 1 | 01/22/14 | YMH | n/a | n/a | V3W1468 |

| Run #1 | Initial Volume |
|--------|----------------|
| Run #2 | 400 ml |

VOA TO15 List

| CAS No. | MW | Compound | Result | RL | MDL | Units | Q | Result | RL | MDL | Units |
|------------|-------|----------------------------|--------|------|-------|-------|---|--------|------|-------|-------|
| 67-64-1 | 58.08 | Acetone | 26.2 | 0.20 | 0.034 | ppbv | | 62.2 | 0.48 | 0.081 | ug/m3 |
| 106-99-0 | 54.09 | 1,3-Butadiene | ND | 0.20 | 0.020 | ppbv | | ND | 0.44 | 0.044 | ug/m3 |
| 71-43-2 | 78.11 | Benzene | 1.0 | 0.20 | 0.021 | ppbv | | 3.2 | 0.64 | 0.067 | ug/m3 |
| 75-27-4 | 163.8 | Bromodichloromethane | ND | 0.20 | 0.025 | ppbv | | ND | 1.3 | 0.17 | ug/m3 |
| 75-25-2 | 252.8 | Bromoform | ND | 0.20 | 0.022 | ppbv | | ND | 2.1 | 0.23 | ug/m3 |
| 74-83-9 | 94.94 | Bromomethane | ND | 0.20 | 0.017 | ppbv | | ND | 0.78 | 0.066 | ug/m3 |
| 593-60-2 | 106.9 | Bromoethene | ND | 0.20 | 0.014 | ppbv | | ND | 0.87 | 0.061 | ug/m3 |
| 100-44-7 | 126 | Benzyl Chloride | ND | 0.20 | 0.025 | ppbv | | ND | 1.0 | 0.13 | ug/m3 |
| 75-15-0 | 76.14 | Carbon disulfide | 0.98 | 0.20 | 0.017 | ppbv | | 3.1 | 0.62 | 0.053 | ug/m3 |
| 108-90-7 | 112.6 | Chlorobenzene | ND | 0.20 | 0.025 | ppbv | | ND | 0.92 | 0.12 | ug/m3 |
| 75-00-3 | 64.52 | Chloroethane | ND | 0.20 | 0.020 | ppbv | | ND | 0.53 | 0.053 | ug/m3 |
| 67-66-3 | 119.4 | Chloroform | 0.90 | 0.20 | 0.019 | ppbv | | 4.4 | 0.98 | 0.093 | ug/m3 |
| 74-87-3 | 50.49 | Chloromethane | 0.16 | 0.20 | 0.034 | ppbv | J | 0.33 | 0.41 | 0.070 | ug/m3 |
| 107-05-1 | 76.53 | 3-Chloropropene | ND | 0.20 | 0.028 | ppbv | | ND | 0.63 | 0.088 | ug/m3 |
| 95-49-8 | 126.6 | 2-Chlorotoluene | ND | 0.20 | 0.020 | ppbv | | ND | 1.0 | 0.10 | ug/m3 |
| 56-23-5 | 153.8 | Carbon tetrachloride | ND | 0.20 | 0.011 | ppbv | | ND | 1.3 | 0.069 | ug/m3 |
| 110-82-7 | 84.16 | Cyclohexane | 2.6 | 0.20 | 0.058 | ppbv | | 8.9 | 0.69 | 0.20 | ug/m3 |
| 75-34-3 | 98.96 | 1,1-Dichloroethane | ND | 0.20 | 0.016 | ppbv | | ND | 0.81 | 0.065 | ug/m3 |
| 75-35-4 | 96.94 | 1,1-Dichloroethylene | ND | 0.20 | 0.021 | ppbv | | ND | 0.79 | 0.083 | ug/m3 |
| 106-93-4 | 187.9 | 1,2-Dibromoethane | ND | 0.20 | 0.027 | ppbv | | ND | 1.5 | 0.21 | ug/m3 |
| 107-06-2 | 98.96 | 1,2-Dichloroethane | ND | 0.20 | 0.016 | ppbv | | ND | 0.81 | 0.065 | ug/m3 |
| 78-87-5 | 113 | 1,2-Dichloropropane | ND | 0.20 | 0.040 | ppbv | | ND | 0.92 | 0.18 | ug/m3 |
| 123-91-1 | 88.12 | 1,4-Dioxane | ND | 0.20 | 0.060 | ppbv | | ND | 0.72 | 0.22 | ug/m3 |
| 75-71-8 | 120.9 | Dichlorodifluoromethane | 0.80 | 0.20 | 0.015 | ppbv | | 4.0 | 0.99 | 0.074 | ug/m3 |
| 124-48-1 | 208.3 | Dibromochloromethane | ND | 0.20 | 0.029 | ppbv | | ND | 1.7 | 0.25 | ug/m3 |
| 156-60-5 | 96.94 | trans-1,2-Dichloroethylene | ND | 0.20 | 0.015 | ppbv | | ND | 0.79 | 0.059 | ug/m3 |
| 156-59-2 | 96.94 | cis-1,2-Dichloroethylene | ND | 0.20 | 0.028 | ppbv | | ND | 0.79 | 0.11 | ug/m3 |
| 10061-01-5 | 111 | cis-1,3-Dichloropropene | ND | 0.20 | 0.019 | ppbv | | ND | 0.91 | 0.086 | ug/m3 |
| 541-73-1 | 147 | m-Dichlorobenzene | ND | 0.20 | 0.025 | ppbv | | ND | 1.2 | 0.15 | ug/m3 |
| 95-50-1 | 147 | o-Dichlorobenzene | ND | 0.20 | 0.029 | ppbv | | ND | 1.2 | 0.17 | ug/m3 |
| 106-46-7 | 147 | p-Dichlorobenzene | ND | 0.20 | 0.022 | ppbv | | ND | 1.2 | 0.13 | ug/m3 |
| 10061-02-6 | 111 | trans-1,3-Dichloropropene | ND | 0.20 | 0.021 | ppbv | | ND | 0.91 | 0.095 | ug/m3 |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | | | |
|-------------------|--|-----------------|----------|
| Client Sample ID: | SV-4 | Date Sampled: | 01/20/14 |
| Lab Sample ID: | JB58217-1 | Date Received: | 01/20/14 |
| Matrix: | AIR - Soil Vapor Comp. Summa ID: A169 | Percent Solids: | n/a |
| Method: | TO-15 | | |
| Project: | Flushing Commons, Union Street, Flushing, NY | | |

VOA TO15 List

| CAS No. | MW | Compound | Result | RL | MDL | Units | Q | Result | RL | MDL | Units |
|-----------|--------|---------------------------|--------|-------|-------|-------|---|--------|------|-------|-------|
| 64-17-5 | 46.07 | Ethanol | 31.3 | 0.50 | 0.19 | ppbv | | 59.0 | 0.94 | 0.36 | ug/m3 |
| 100-41-4 | 106.2 | Ethylbenzene | 0.60 | 0.20 | 0.020 | ppbv | | 2.6 | 0.87 | 0.087 | ug/m3 |
| 141-78-6 | 88 | Ethyl Acetate | 0.47 | 0.20 | 0.057 | ppbv | | 1.7 | 0.72 | 0.21 | ug/m3 |
| 622-96-8 | 120.2 | 4-Ethyltoluene | ND | 0.20 | 0.015 | ppbv | | ND | 0.98 | 0.074 | ug/m3 |
| 76-13-1 | 187.4 | Freon 113 | 8.3 | 0.20 | 0.021 | ppbv | | 64 | 1.5 | 0.16 | ug/m3 |
| 76-14-2 | 170.9 | Freon 114 | ND | 0.20 | 0.021 | ppbv | | ND | 1.4 | 0.15 | ug/m3 |
| 142-82-5 | 100.2 | Heptane | 1.3 | 0.20 | 0.020 | ppbv | | 5.3 | 0.82 | 0.082 | ug/m3 |
| 87-68-3 | 260.8 | Hexachlorobutadiene | ND | 0.20 | 0.063 | ppbv | | ND | 2.1 | 0.67 | ug/m3 |
| 110-54-3 | 86.17 | Hexane | 4.8 | 0.20 | 0.016 | ppbv | | 17 | 0.70 | 0.056 | ug/m3 |
| 591-78-6 | 100 | 2-Hexanone | ND | 0.20 | 0.025 | ppbv | | ND | 0.82 | 0.10 | ug/m3 |
| 67-63-0 | 60.1 | Isopropyl Alcohol | ND | 0.20 | 0.039 | ppbv | | ND | 0.49 | 0.096 | ug/m3 |
| 75-09-2 | 84.94 | Methylene chloride | 15.8 | 0.20 | 0.047 | ppbv | | 54.9 | 0.69 | 0.16 | ug/m3 |
| 78-93-3 | 72.11 | Methyl ethyl ketone | 0.63 | 0.20 | 0.058 | ppbv | | 1.9 | 0.59 | 0.17 | ug/m3 |
| 108-10-1 | 100.2 | Methyl Isobutyl Ketone | ND | 0.20 | 0.029 | ppbv | | ND | 0.82 | 0.12 | ug/m3 |
| 1634-04-4 | 88.15 | Methyl Tert Butyl Ether | ND | 0.20 | 0.017 | ppbv | | ND | 0.72 | 0.061 | ug/m3 |
| 80-62-6 | 100.12 | Methylmethacrylate | ND | 0.20 | 0.040 | ppbv | | ND | 0.82 | 0.16 | ug/m3 |
| 115-07-1 | 42 | Propylene | ND | 0.50 | 0.031 | ppbv | | ND | 0.86 | 0.053 | ug/m3 |
| 100-42-5 | 104.1 | Styrene | ND | 0.20 | 0.020 | ppbv | | ND | 0.85 | 0.085 | ug/m3 |
| 71-55-6 | 133.4 | 1,1,1-Trichloroethane | ND | 0.20 | 0.016 | ppbv | | ND | 1.1 | 0.087 | ug/m3 |
| 79-34-5 | 167.9 | 1,1,2,2-Tetrachloroethane | ND | 0.20 | 0.030 | ppbv | | ND | 1.4 | 0.21 | ug/m3 |
| 79-00-5 | 133.4 | 1,1,2-Trichloroethane | ND | 0.20 | 0.031 | ppbv | | ND | 1.1 | 0.17 | ug/m3 |
| 120-82-1 | 181.5 | 1,2,4-Trichlorobenzene | ND | 0.20 | 0.079 | ppbv | | ND | 1.5 | 0.59 | ug/m3 |
| 95-63-6 | 120.2 | 1,2,4-Trimethylbenzene | 0.25 | 0.20 | 0.017 | ppbv | | 1.2 | 0.98 | 0.084 | ug/m3 |
| 108-67-8 | 120.2 | 1,3,5-Trimethylbenzene | 0.097 | 0.20 | 0.015 | ppbv | J | 0.48 | 0.98 | 0.074 | ug/m3 |
| 540-84-1 | 114.2 | 2,2,4-Trimethylpentane | 1.5 | 0.20 | 0.021 | ppbv | | 7.0 | 0.93 | 0.098 | ug/m3 |
| 75-65-0 | 74.12 | Tertiary Butyl Alcohol | 0.23 | 0.20 | 0.044 | ppbv | | 0.70 | 0.61 | 0.13 | ug/m3 |
| 127-18-4 | 165.8 | Tetrachloroethylene | 15.4 | 0.040 | 0.029 | ppbv | | 104 | 0.27 | 0.20 | ug/m3 |
| 109-99-9 | 72.11 | Tetrahydrofuran | ND | 0.20 | 0.045 | ppbv | | ND | 0.59 | 0.13 | ug/m3 |
| 108-88-3 | 92.14 | Toluene | 3.6 | 0.20 | 0.020 | ppbv | | 14 | 0.75 | 0.075 | ug/m3 |
| 79-01-6 | 131.4 | Trichloroethylene | 0.12 | 0.040 | 0.019 | ppbv | | 0.64 | 0.21 | 0.10 | ug/m3 |
| 75-69-4 | 137.4 | Trichlorofluoromethane | 0.53 | 0.20 | 0.014 | ppbv | | 3.0 | 1.1 | 0.079 | ug/m3 |
| 75-01-4 | 62.5 | Vinyl chloride | ND | 0.20 | 0.017 | ppbv | | ND | 0.51 | 0.043 | ug/m3 |
| 108-05-4 | 86 | Vinyl Acetate | ND | 0.20 | 0.058 | ppbv | | ND | 0.70 | 0.20 | ug/m3 |
| | 106.2 | m,p-Xylene | 2.0 | 0.20 | 0.032 | ppbv | | 8.7 | 0.87 | 0.14 | ug/m3 |
| 95-47-6 | 106.2 | o-Xylene | 0.68 | 0.20 | 0.019 | ppbv | | 3.0 | 0.87 | 0.083 | ug/m3 |
| 1330-20-7 | 106.2 | Xylenes (total) | 2.7 | 0.20 | 0.019 | ppbv | | 12 | 0.87 | 0.083 | ug/m3 |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|----------|----------------------|--------|--------|---------|
| 460-00-4 | 4-Bromofluorobenzene | 94% | | 65-128% |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | | | |
|-------------------|--|-----------------|----------|
| Client Sample ID: | SV-3 | Date Sampled: | 01/20/14 |
| Lab Sample ID: | JB58217-2 | Date Received: | 01/20/14 |
| Matrix: | AIR - Soil Vapor Comp. Summa ID: A1197 | Percent Solids: | n/a |
| Method: | TO-15 | | |
| Project: | Flushing Commons, Union Street, Flushing, NY | | |

| Run # | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|-----------|----|----------|-----|-----------|------------|------------------|
| Run #1 | 3W38451.D | 1 | 01/22/14 | YMH | n/a | n/a | V3W1468 |
| Run #2 | | | | | | | |

| Run # | Initial Volume |
|--------|----------------|
| Run #1 | 400 ml |
| Run #2 | |

VOA TO15 List

| CAS No. | MW | Compound | Result | RL | MDL | Units | Q | Result | RL | MDL | Units |
|------------|-------|----------------------------|--------|------|-------|-------|---|--------|------|-------|-------|
| 67-64-1 | 58.08 | Acetone | 36.6 | 0.20 | 0.034 | ppbv | | 86.9 | 0.48 | 0.081 | ug/m3 |
| 106-99-0 | 54.09 | 1,3-Butadiene | ND | 0.20 | 0.020 | ppbv | | ND | 0.44 | 0.044 | ug/m3 |
| 71-43-2 | 78.11 | Benzene | 0.60 | 0.20 | 0.021 | ppbv | | 1.9 | 0.64 | 0.067 | ug/m3 |
| 75-27-4 | 163.8 | Bromodichloromethane | ND | 0.20 | 0.025 | ppbv | | ND | 1.3 | 0.17 | ug/m3 |
| 75-25-2 | 252.8 | Bromoform | ND | 0.20 | 0.022 | ppbv | | ND | 2.1 | 0.23 | ug/m3 |
| 74-83-9 | 94.94 | Bromomethane | ND | 0.20 | 0.017 | ppbv | | ND | 0.78 | 0.066 | ug/m3 |
| 593-60-2 | 106.9 | Bromoethene | ND | 0.20 | 0.014 | ppbv | | ND | 0.87 | 0.061 | ug/m3 |
| 100-44-7 | 126 | Benzyl Chloride | ND | 0.20 | 0.025 | ppbv | | ND | 1.0 | 0.13 | ug/m3 |
| 75-15-0 | 76.14 | Carbon disulfide | 0.59 | 0.20 | 0.017 | ppbv | | 1.8 | 0.62 | 0.053 | ug/m3 |
| 108-90-7 | 112.6 | Chlorobenzene | ND | 0.20 | 0.025 | ppbv | | ND | 0.92 | 0.12 | ug/m3 |
| 75-00-3 | 64.52 | Chloroethane | ND | 0.20 | 0.020 | ppbv | | ND | 0.53 | 0.053 | ug/m3 |
| 67-66-3 | 119.4 | Chloroform | ND | 0.20 | 0.019 | ppbv | | ND | 0.98 | 0.093 | ug/m3 |
| 74-87-3 | 50.49 | Chloromethane | 0.12 | 0.20 | 0.034 | ppbv | J | 0.25 | 0.41 | 0.070 | ug/m3 |
| 107-05-1 | 76.53 | 3-Chloropropene | ND | 0.20 | 0.028 | ppbv | | ND | 0.63 | 0.088 | ug/m3 |
| 95-49-8 | 126.6 | 2-Chlorotoluene | ND | 0.20 | 0.020 | ppbv | | ND | 1.0 | 0.10 | ug/m3 |
| 56-23-5 | 153.8 | Carbon tetrachloride | ND | 0.20 | 0.011 | ppbv | | ND | 1.3 | 0.069 | ug/m3 |
| 110-82-7 | 84.16 | Cyclohexane | ND | 0.20 | 0.058 | ppbv | | ND | 0.69 | 0.20 | ug/m3 |
| 75-34-3 | 98.96 | 1,1-Dichloroethane | ND | 0.20 | 0.016 | ppbv | | ND | 0.81 | 0.065 | ug/m3 |
| 75-35-4 | 96.94 | 1,1-Dichloroethylene | ND | 0.20 | 0.021 | ppbv | | ND | 0.79 | 0.083 | ug/m3 |
| 106-93-4 | 187.9 | 1,2-Dibromoethane | ND | 0.20 | 0.027 | ppbv | | ND | 1.5 | 0.21 | ug/m3 |
| 107-06-2 | 98.96 | 1,2-Dichloroethane | ND | 0.20 | 0.016 | ppbv | | ND | 0.81 | 0.065 | ug/m3 |
| 78-87-5 | 113 | 1,2-Dichloropropane | ND | 0.20 | 0.040 | ppbv | | ND | 0.92 | 0.18 | ug/m3 |
| 123-91-1 | 88.12 | 1,4-Dioxane | ND | 0.20 | 0.060 | ppbv | | ND | 0.72 | 0.22 | ug/m3 |
| 75-71-8 | 120.9 | Dichlorodifluoromethane | 0.77 | 0.20 | 0.015 | ppbv | | 3.8 | 0.99 | 0.074 | ug/m3 |
| 124-48-1 | 208.3 | Dibromochloromethane | ND | 0.20 | 0.029 | ppbv | | ND | 1.7 | 0.25 | ug/m3 |
| 156-60-5 | 96.94 | trans-1,2-Dichloroethylene | ND | 0.20 | 0.015 | ppbv | | ND | 0.79 | 0.059 | ug/m3 |
| 156-59-2 | 96.94 | cis-1,2-Dichloroethylene | ND | 0.20 | 0.028 | ppbv | | ND | 0.79 | 0.11 | ug/m3 |
| 10061-01-5 | 111 | cis-1,3-Dichloropropene | ND | 0.20 | 0.019 | ppbv | | ND | 0.91 | 0.086 | ug/m3 |
| 541-73-1 | 147 | m-Dichlorobenzene | ND | 0.20 | 0.025 | ppbv | | ND | 1.2 | 0.15 | ug/m3 |
| 95-50-1 | 147 | o-Dichlorobenzene | ND | 0.20 | 0.029 | ppbv | | ND | 1.2 | 0.17 | ug/m3 |
| 106-46-7 | 147 | p-Dichlorobenzene | ND | 0.20 | 0.022 | ppbv | | ND | 1.2 | 0.13 | ug/m3 |
| 10061-02-6 | 111 | trans-1,3-Dichloropropene | ND | 0.20 | 0.021 | ppbv | | ND | 0.91 | 0.095 | ug/m3 |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | | | |
|-------------------|--|-----------------|----------|
| Client Sample ID: | SV-3 | Date Sampled: | 01/20/14 |
| Lab Sample ID: | JB58217-2 | Date Received: | 01/20/14 |
| Matrix: | AIR - Soil Vapor Comp. Summa ID: A1197 | Percent Solids: | n/a |
| Method: | TO-15 | | |
| Project: | Flushing Commons, Union Street, Flushing, NY | | |

VOA TO15 List

| CAS No. | MW | Compound | Result | RL | MDL | Units | Q | Result | RL | MDL | Units |
|-----------|--------|---------------------------|--------|-------|-------|-------|---|--------|------|-------|-------|
| 64-17-5 | 46.07 | Ethanol | 143 | 0.50 | 0.19 | ppbv | E | 269 | 0.94 | 0.36 | ug/m3 |
| 100-41-4 | 106.2 | Ethylbenzene | 0.54 | 0.20 | 0.020 | ppbv | | 2.3 | 0.87 | 0.087 | ug/m3 |
| 141-78-6 | 88 | Ethyl Acetate | 1.0 | 0.20 | 0.057 | ppbv | | 3.6 | 0.72 | 0.21 | ug/m3 |
| 622-96-8 | 120.2 | 4-Ethyltoluene | 0.096 | 0.20 | 0.015 | ppbv | J | 0.47 | 0.98 | 0.074 | ug/m3 |
| 76-13-1 | 187.4 | Freon 113 | 1.7 | 0.20 | 0.021 | ppbv | | 13 | 1.5 | 0.16 | ug/m3 |
| 76-14-2 | 170.9 | Freon 114 | ND | 0.20 | 0.021 | ppbv | | ND | 1.4 | 0.15 | ug/m3 |
| 142-82-5 | 100.2 | Heptane | 0.23 | 0.20 | 0.020 | ppbv | | 0.94 | 0.82 | 0.082 | ug/m3 |
| 87-68-3 | 260.8 | Hexachlorobutadiene | ND | 0.20 | 0.063 | ppbv | | ND | 2.1 | 0.67 | ug/m3 |
| 110-54-3 | 86.17 | Hexane | 0.79 | 0.20 | 0.016 | ppbv | | 2.8 | 0.70 | 0.056 | ug/m3 |
| 591-78-6 | 100 | 2-Hexanone | ND | 0.20 | 0.025 | ppbv | | ND | 0.82 | 0.10 | ug/m3 |
| 67-63-0 | 60.1 | Isopropyl Alcohol | 3.0 | 0.20 | 0.039 | ppbv | | 7.4 | 0.49 | 0.096 | ug/m3 |
| 75-09-2 | 84.94 | Methylene chloride | 1.3 | 0.20 | 0.047 | ppbv | | 4.5 | 0.69 | 0.16 | ug/m3 |
| 78-93-3 | 72.11 | Methyl ethyl ketone | 0.40 | 0.20 | 0.058 | ppbv | | 1.2 | 0.59 | 0.17 | ug/m3 |
| 108-10-1 | 100.2 | Methyl Isobutyl Ketone | ND | 0.20 | 0.029 | ppbv | | ND | 0.82 | 0.12 | ug/m3 |
| 1634-04-4 | 88.15 | Methyl Tert Butyl Ether | ND | 0.20 | 0.017 | ppbv | | ND | 0.72 | 0.061 | ug/m3 |
| 80-62-6 | 100.12 | Methylmethacrylate | ND | 0.20 | 0.040 | ppbv | | ND | 0.82 | 0.16 | ug/m3 |
| 115-07-1 | 42 | Propylene | 2.9 | 0.50 | 0.031 | ppbv | | 5.0 | 0.86 | 0.053 | ug/m3 |
| 100-42-5 | 104.1 | Styrene | ND | 0.20 | 0.020 | ppbv | | ND | 0.85 | 0.085 | ug/m3 |
| 71-55-6 | 133.4 | 1,1,1-Trichloroethane | ND | 0.20 | 0.016 | ppbv | | ND | 1.1 | 0.087 | ug/m3 |
| 79-34-5 | 167.9 | 1,1,2,2-Tetrachloroethane | ND | 0.20 | 0.030 | ppbv | | ND | 1.4 | 0.21 | ug/m3 |
| 79-00-5 | 133.4 | 1,1,2-Trichloroethane | ND | 0.20 | 0.031 | ppbv | | ND | 1.1 | 0.17 | ug/m3 |
| 120-82-1 | 181.5 | 1,2,4-Trichlorobenzene | ND | 0.20 | 0.079 | ppbv | | ND | 1.5 | 0.59 | ug/m3 |
| 95-63-6 | 120.2 | 1,2,4-Trimethylbenzene | 0.48 | 0.20 | 0.017 | ppbv | | 2.4 | 0.98 | 0.084 | ug/m3 |
| 108-67-8 | 120.2 | 1,3,5-Trimethylbenzene | 0.13 | 0.20 | 0.015 | ppbv | J | 0.64 | 0.98 | 0.074 | ug/m3 |
| 540-84-1 | 114.2 | 2,2,4-Trimethylpentane | 0.18 | 0.20 | 0.021 | ppbv | J | 0.84 | 0.93 | 0.098 | ug/m3 |
| 75-65-0 | 74.12 | Tertiary Butyl Alcohol | 0.73 | 0.20 | 0.044 | ppbv | | 2.2 | 0.61 | 0.13 | ug/m3 |
| 127-18-4 | 165.8 | Tetrachloroethylene | 0.067 | 0.040 | 0.029 | ppbv | | 0.45 | 0.27 | 0.20 | ug/m3 |
| 109-99-9 | 72.11 | Tetrahydrofuran | ND | 0.20 | 0.045 | ppbv | | ND | 0.59 | 0.13 | ug/m3 |
| 108-88-3 | 92.14 | Toluene | 1.3 | 0.20 | 0.020 | ppbv | | 4.9 | 0.75 | 0.075 | ug/m3 |
| 79-01-6 | 131.4 | Trichloroethylene | ND | 0.040 | 0.019 | ppbv | | ND | 0.21 | 0.10 | ug/m3 |
| 75-69-4 | 137.4 | Trichlorofluoromethane | 0.48 | 0.20 | 0.014 | ppbv | | 2.7 | 1.1 | 0.079 | ug/m3 |
| 75-01-4 | 62.5 | Vinyl chloride | ND | 0.20 | 0.017 | ppbv | | ND | 0.51 | 0.043 | ug/m3 |
| 108-05-4 | 86 | Vinyl Acetate | ND | 0.20 | 0.058 | ppbv | | ND | 0.70 | 0.20 | ug/m3 |
| | 106.2 | m,p-Xylene | 1.9 | 0.20 | 0.032 | ppbv | | 8.3 | 0.87 | 0.14 | ug/m3 |
| 95-47-6 | 106.2 | o-Xylene | 0.57 | 0.20 | 0.019 | ppbv | | 2.5 | 0.87 | 0.083 | ug/m3 |
| 1330-20-7 | 106.2 | Xylenes (total) | 2.5 | 0.20 | 0.019 | ppbv | | 11 | 0.87 | 0.083 | ug/m3 |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|----------|----------------------|--------|--------|---------|
| 460-00-4 | 4-Bromofluorobenzene | 95% | | 65-128% |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | | | |
|-------------------|--|-----------------|----------|
| Client Sample ID: | SV-6 | Date Sampled: | 01/20/14 |
| Lab Sample ID: | JB58217-3 | Date Received: | 01/20/14 |
| Matrix: | AIR - Soil Vapor Comp. Summa ID: A310 | Percent Solids: | n/a |
| Method: | TO-15 | | |
| Project: | Flushing Commons, Union Street, Flushing, NY | | |

| Run # | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|-----------|----|----------|-----|-----------|------------|------------------|
| Run #1 | 3W38453.D | 1 | 01/22/14 | YMH | n/a | n/a | V3W1468 |
| Run #2 | | | | | | | |

| Run # | Initial Volume |
|--------|----------------|
| Run #1 | 400 ml |
| Run #2 | |

VOA TO15 List

| CAS No. | MW | Compound | Result | RL | MDL | Units | Q | Result | RL | MDL | Units |
|------------|-------|----------------------------|--------|------|-------|-------|---|--------|------|-------|-------|
| 67-64-1 | 58.08 | Acetone | 25.3 | 0.20 | 0.034 | ppbv | | 60.1 | 0.48 | 0.081 | ug/m3 |
| 106-99-0 | 54.09 | 1,3-Butadiene | ND | 0.20 | 0.020 | ppbv | | ND | 0.44 | 0.044 | ug/m3 |
| 71-43-2 | 78.11 | Benzene | 0.63 | 0.20 | 0.021 | ppbv | | 2.0 | 0.64 | 0.067 | ug/m3 |
| 75-27-4 | 163.8 | Bromodichloromethane | ND | 0.20 | 0.025 | ppbv | | ND | 1.3 | 0.17 | ug/m3 |
| 75-25-2 | 252.8 | Bromoform | ND | 0.20 | 0.022 | ppbv | | ND | 2.1 | 0.23 | ug/m3 |
| 74-83-9 | 94.94 | Bromomethane | ND | 0.20 | 0.017 | ppbv | | ND | 0.78 | 0.066 | ug/m3 |
| 593-60-2 | 106.9 | Bromoethene | ND | 0.20 | 0.014 | ppbv | | ND | 0.87 | 0.061 | ug/m3 |
| 100-44-7 | 126 | Benzyl Chloride | ND | 0.20 | 0.025 | ppbv | | ND | 1.0 | 0.13 | ug/m3 |
| 75-15-0 | 76.14 | Carbon disulfide | 1.5 | 0.20 | 0.017 | ppbv | | 4.7 | 0.62 | 0.053 | ug/m3 |
| 108-90-7 | 112.6 | Chlorobenzene | ND | 0.20 | 0.025 | ppbv | | ND | 0.92 | 0.12 | ug/m3 |
| 75-00-3 | 64.52 | Chloroethane | 0.32 | 0.20 | 0.020 | ppbv | | 0.84 | 0.53 | 0.053 | ug/m3 |
| 67-66-3 | 119.4 | Chloroform | ND | 0.20 | 0.019 | ppbv | | ND | 0.98 | 0.093 | ug/m3 |
| 74-87-3 | 50.49 | Chloromethane | 0.12 | 0.20 | 0.034 | ppbv | J | 0.25 | 0.41 | 0.070 | ug/m3 |
| 107-05-1 | 76.53 | 3-Chloropropene | ND | 0.20 | 0.028 | ppbv | | ND | 0.63 | 0.088 | ug/m3 |
| 95-49-8 | 126.6 | 2-Chlorotoluene | ND | 0.20 | 0.020 | ppbv | | ND | 1.0 | 0.10 | ug/m3 |
| 56-23-5 | 153.8 | Carbon tetrachloride | ND | 0.20 | 0.011 | ppbv | | ND | 1.3 | 0.069 | ug/m3 |
| 110-82-7 | 84.16 | Cyclohexane | 0.68 | 0.20 | 0.058 | ppbv | | 2.3 | 0.69 | 0.20 | ug/m3 |
| 75-34-3 | 98.96 | 1,1-Dichloroethane | ND | 0.20 | 0.016 | ppbv | | ND | 0.81 | 0.065 | ug/m3 |
| 75-35-4 | 96.94 | 1,1-Dichloroethylene | ND | 0.20 | 0.021 | ppbv | | ND | 0.79 | 0.083 | ug/m3 |
| 106-93-4 | 187.9 | 1,2-Dibromoethane | ND | 0.20 | 0.027 | ppbv | | ND | 1.5 | 0.21 | ug/m3 |
| 107-06-2 | 98.96 | 1,2-Dichloroethane | ND | 0.20 | 0.016 | ppbv | | ND | 0.81 | 0.065 | ug/m3 |
| 78-87-5 | 113 | 1,2-Dichloropropane | ND | 0.20 | 0.040 | ppbv | | ND | 0.92 | 0.18 | ug/m3 |
| 123-91-1 | 88.12 | 1,4-Dioxane | ND | 0.20 | 0.060 | ppbv | | ND | 0.72 | 0.22 | ug/m3 |
| 75-71-8 | 120.9 | Dichlorodifluoromethane | 0.65 | 0.20 | 0.015 | ppbv | | 3.2 | 0.99 | 0.074 | ug/m3 |
| 124-48-1 | 208.3 | Dibromochloromethane | ND | 0.20 | 0.029 | ppbv | | ND | 1.7 | 0.25 | ug/m3 |
| 156-60-5 | 96.94 | trans-1,2-Dichloroethylene | ND | 0.20 | 0.015 | ppbv | | ND | 0.79 | 0.059 | ug/m3 |
| 156-59-2 | 96.94 | cis-1,2-Dichloroethylene | ND | 0.20 | 0.028 | ppbv | | ND | 0.79 | 0.11 | ug/m3 |
| 10061-01-5 | 111 | cis-1,3-Dichloropropene | ND | 0.20 | 0.019 | ppbv | | ND | 0.91 | 0.086 | ug/m3 |
| 541-73-1 | 147 | m-Dichlorobenzene | ND | 0.20 | 0.025 | ppbv | | ND | 1.2 | 0.15 | ug/m3 |
| 95-50-1 | 147 | o-Dichlorobenzene | ND | 0.20 | 0.029 | ppbv | | ND | 1.2 | 0.17 | ug/m3 |
| 106-46-7 | 147 | p-Dichlorobenzene | ND | 0.20 | 0.022 | ppbv | | ND | 1.2 | 0.13 | ug/m3 |
| 10061-02-6 | 111 | trans-1,3-Dichloropropene | ND | 0.20 | 0.021 | ppbv | | ND | 0.91 | 0.095 | ug/m3 |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | | | |
|-------------------|--|-----------------|----------|
| Client Sample ID: | SV-6 | Date Sampled: | 01/20/14 |
| Lab Sample ID: | JB58217-3 | Date Received: | 01/20/14 |
| Matrix: | AIR - Soil Vapor Comp. Summa ID: A310 | Percent Solids: | n/a |
| Method: | TO-15 | | |
| Project: | Flushing Commons, Union Street, Flushing, NY | | |

VOA TO15 List

| CAS No. | MW | Compound | Result | RL | MDL | Units | Q | Result | RL | MDL | Units |
|-----------|--------|---------------------------|--------|-------|-------|-------|---|--------|------|-------|-------|
| 64-17-5 | 46.07 | Ethanol | 21.1 | 0.50 | 0.19 | ppbv | | 39.8 | 0.94 | 0.36 | ug/m3 |
| 100-41-4 | 106.2 | Ethylbenzene | 2.5 | 0.20 | 0.020 | ppbv | | 11 | 0.87 | 0.087 | ug/m3 |
| 141-78-6 | 88 | Ethyl Acetate | 0.23 | 0.20 | 0.057 | ppbv | | 0.83 | 0.72 | 0.21 | ug/m3 |
| 622-96-8 | 120.2 | 4-Ethyltoluene | 0.46 | 0.20 | 0.015 | ppbv | | 2.3 | 0.98 | 0.074 | ug/m3 |
| 76-13-1 | 187.4 | Freon 113 | 1.1 | 0.20 | 0.021 | ppbv | | 8.4 | 1.5 | 0.16 | ug/m3 |
| 76-14-2 | 170.9 | Freon 114 | ND | 0.20 | 0.021 | ppbv | | ND | 1.4 | 0.15 | ug/m3 |
| 142-82-5 | 100.2 | Heptane | 0.51 | 0.20 | 0.020 | ppbv | | 2.1 | 0.82 | 0.082 | ug/m3 |
| 87-68-3 | 260.8 | Hexachlorobutadiene | ND | 0.20 | 0.063 | ppbv | | ND | 2.1 | 0.67 | ug/m3 |
| 110-54-3 | 86.17 | Hexane | 1.6 | 0.20 | 0.016 | ppbv | | 5.6 | 0.70 | 0.056 | ug/m3 |
| 591-78-6 | 100 | 2-Hexanone | 0.31 | 0.20 | 0.025 | ppbv | | 1.3 | 0.82 | 0.10 | ug/m3 |
| 67-63-0 | 60.1 | Isopropyl Alcohol | 1.1 | 0.20 | 0.039 | ppbv | | 2.7 | 0.49 | 0.096 | ug/m3 |
| 75-09-2 | 84.94 | Methylene chloride | 2.6 | 0.20 | 0.047 | ppbv | | 9.0 | 0.69 | 0.16 | ug/m3 |
| 78-93-3 | 72.11 | Methyl ethyl ketone | 1.9 | 0.20 | 0.058 | ppbv | | 5.6 | 0.59 | 0.17 | ug/m3 |
| 108-10-1 | 100.2 | Methyl Isobutyl Ketone | 0.51 | 0.20 | 0.029 | ppbv | | 2.1 | 0.82 | 0.12 | ug/m3 |
| 1634-04-4 | 88.15 | Methyl Tert Butyl Ether | ND | 0.20 | 0.017 | ppbv | | ND | 0.72 | 0.061 | ug/m3 |
| 80-62-6 | 100.12 | Methylmethacrylate | ND | 0.20 | 0.040 | ppbv | | ND | 0.82 | 0.16 | ug/m3 |
| 115-07-1 | 42 | Propylene | ND | 0.50 | 0.031 | ppbv | | ND | 0.86 | 0.053 | ug/m3 |
| 100-42-5 | 104.1 | Styrene | 0.23 | 0.20 | 0.020 | ppbv | | 0.98 | 0.85 | 0.085 | ug/m3 |
| 71-55-6 | 133.4 | 1,1,1-Trichloroethane | ND | 0.20 | 0.016 | ppbv | | ND | 1.1 | 0.087 | ug/m3 |
| 79-34-5 | 167.9 | 1,1,2,2-Tetrachloroethane | ND | 0.20 | 0.030 | ppbv | | ND | 1.4 | 0.21 | ug/m3 |
| 79-00-5 | 133.4 | 1,1,2-Trichloroethane | ND | 0.20 | 0.031 | ppbv | | ND | 1.1 | 0.17 | ug/m3 |
| 120-82-1 | 181.5 | 1,2,4-Trichlorobenzene | ND | 0.20 | 0.079 | ppbv | | ND | 1.5 | 0.59 | ug/m3 |
| 95-63-6 | 120.2 | 1,2,4-Trimethylbenzene | 1.6 | 0.20 | 0.017 | ppbv | | 7.9 | 0.98 | 0.084 | ug/m3 |
| 108-67-8 | 120.2 | 1,3,5-Trimethylbenzene | 0.68 | 0.20 | 0.015 | ppbv | | 3.3 | 0.98 | 0.074 | ug/m3 |
| 540-84-1 | 114.2 | 2,2,4-Trimethylpentane | 0.32 | 0.20 | 0.021 | ppbv | | 1.5 | 0.93 | 0.098 | ug/m3 |
| 75-65-0 | 74.12 | Tertiary Butyl Alcohol | 0.55 | 0.20 | 0.044 | ppbv | | 1.7 | 0.61 | 0.13 | ug/m3 |
| 127-18-4 | 165.8 | Tetrachloroethylene | 1.5 | 0.040 | 0.029 | ppbv | | 10 | 0.27 | 0.20 | ug/m3 |
| 109-99-9 | 72.11 | Tetrahydrofuran | ND | 0.20 | 0.045 | ppbv | | ND | 0.59 | 0.13 | ug/m3 |
| 108-88-3 | 92.14 | Toluene | 4.2 | 0.20 | 0.020 | ppbv | | 16 | 0.75 | 0.075 | ug/m3 |
| 79-01-6 | 131.4 | Trichloroethylene | 0.026 | 0.040 | 0.019 | ppbv | J | 0.14 | 0.21 | 0.10 | ug/m3 |
| 75-69-4 | 137.4 | Trichlorofluoromethane | 0.41 | 0.20 | 0.014 | ppbv | | 2.3 | 1.1 | 0.079 | ug/m3 |
| 75-01-4 | 62.5 | Vinyl chloride | ND | 0.20 | 0.017 | ppbv | | ND | 0.51 | 0.043 | ug/m3 |
| 108-05-4 | 86 | Vinyl Acetate | ND | 0.20 | 0.058 | ppbv | | ND | 0.70 | 0.20 | ug/m3 |
| | 106.2 | m,p-Xylene | 9.6 | 0.20 | 0.032 | ppbv | | 42 | 0.87 | 0.14 | ug/m3 |
| 95-47-6 | 106.2 | o-Xylene | 4.1 | 0.20 | 0.019 | ppbv | | 18 | 0.87 | 0.083 | ug/m3 |
| 1330-20-7 | 106.2 | Xylenes (total) | 13.7 | 0.20 | 0.019 | ppbv | | 59.5 | 0.87 | 0.083 | ug/m3 |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|----------|----------------------|--------|--------|---------|
| 460-00-4 | 4-Bromofluorobenzene | 87% | | 65-128% |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | | | |
|-------------------|--|-----------------|----------|
| Client Sample ID: | SV-1 | Date Sampled: | 01/20/14 |
| Lab Sample ID: | JB58217-4 | Date Received: | 01/20/14 |
| Matrix: | AIR - Soil Vapor Comp. Summa ID: A1042 | Percent Solids: | n/a |
| Method: | TO-15 | | |
| Project: | Flushing Commons, Union Street, Flushing, NY | | |

| Run #1 | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|-----------|----|----------|-----|-----------|------------|------------------|
| Run #2 | 3W38455.D | 1 | 01/22/14 | YMH | n/a | n/a | V3W1468 |

| Run #1 | Initial Volume |
|--------|----------------|
| Run #2 | 400 ml |

VOA TO15 List

| CAS No. | MW | Compound | Result | RL | MDL | Units | Q | Result | RL | MDL | Units |
|------------|-------|----------------------------|--------|------|-------|-------|---|--------|------|-------|-------|
| 67-64-1 | 58.08 | Acetone | 28.2 | 0.20 | 0.034 | ppbv | | 67.0 | 0.48 | 0.081 | ug/m3 |
| 106-99-0 | 54.09 | 1,3-Butadiene | ND | 0.20 | 0.020 | ppbv | | ND | 0.44 | 0.044 | ug/m3 |
| 71-43-2 | 78.11 | Benzene | 1.1 | 0.20 | 0.021 | ppbv | | 3.5 | 0.64 | 0.067 | ug/m3 |
| 75-27-4 | 163.8 | Bromodichloromethane | ND | 0.20 | 0.025 | ppbv | | ND | 1.3 | 0.17 | ug/m3 |
| 75-25-2 | 252.8 | Bromoform | ND | 0.20 | 0.022 | ppbv | | ND | 2.1 | 0.23 | ug/m3 |
| 74-83-9 | 94.94 | Bromomethane | ND | 0.20 | 0.017 | ppbv | | ND | 0.78 | 0.066 | ug/m3 |
| 593-60-2 | 106.9 | Bromoethene | ND | 0.20 | 0.014 | ppbv | | ND | 0.87 | 0.061 | ug/m3 |
| 100-44-7 | 126 | Benzyl Chloride | ND | 0.20 | 0.025 | ppbv | | ND | 1.0 | 0.13 | ug/m3 |
| 75-15-0 | 76.14 | Carbon disulfide | 1.5 | 0.20 | 0.017 | ppbv | | 4.7 | 0.62 | 0.053 | ug/m3 |
| 108-90-7 | 112.6 | Chlorobenzene | ND | 0.20 | 0.025 | ppbv | | ND | 0.92 | 0.12 | ug/m3 |
| 75-00-3 | 64.52 | Chloroethane | ND | 0.20 | 0.020 | ppbv | | ND | 0.53 | 0.053 | ug/m3 |
| 67-66-3 | 119.4 | Chloroform | 0.28 | 0.20 | 0.019 | ppbv | | 1.4 | 0.98 | 0.093 | ug/m3 |
| 74-87-3 | 50.49 | Chloromethane | 0.38 | 0.20 | 0.034 | ppbv | | 0.78 | 0.41 | 0.070 | ug/m3 |
| 107-05-1 | 76.53 | 3-Chloropropene | ND | 0.20 | 0.028 | ppbv | | ND | 0.63 | 0.088 | ug/m3 |
| 95-49-8 | 126.6 | 2-Chlorotoluene | ND | 0.20 | 0.020 | ppbv | | ND | 1.0 | 0.10 | ug/m3 |
| 56-23-5 | 153.8 | Carbon tetrachloride | ND | 0.20 | 0.011 | ppbv | | ND | 1.3 | 0.069 | ug/m3 |
| 110-82-7 | 84.16 | Cyclohexane | 0.20 | 0.20 | 0.058 | ppbv | | 0.69 | 0.69 | 0.20 | ug/m3 |
| 75-34-3 | 98.96 | 1,1-Dichloroethane | ND | 0.20 | 0.016 | ppbv | | ND | 0.81 | 0.065 | ug/m3 |
| 75-35-4 | 96.94 | 1,1-Dichloroethylene | ND | 0.20 | 0.021 | ppbv | | ND | 0.79 | 0.083 | ug/m3 |
| 106-93-4 | 187.9 | 1,2-Dibromoethane | ND | 0.20 | 0.027 | ppbv | | ND | 1.5 | 0.21 | ug/m3 |
| 107-06-2 | 98.96 | 1,2-Dichloroethane | ND | 0.20 | 0.016 | ppbv | | ND | 0.81 | 0.065 | ug/m3 |
| 78-87-5 | 113 | 1,2-Dichloropropane | ND | 0.20 | 0.040 | ppbv | | ND | 0.92 | 0.18 | ug/m3 |
| 123-91-1 | 88.12 | 1,4-Dioxane | ND | 0.20 | 0.060 | ppbv | | ND | 0.72 | 0.22 | ug/m3 |
| 75-71-8 | 120.9 | Dichlorodifluoromethane | 0.72 | 0.20 | 0.015 | ppbv | | 3.6 | 0.99 | 0.074 | ug/m3 |
| 124-48-1 | 208.3 | Dibromochloromethane | ND | 0.20 | 0.029 | ppbv | | ND | 1.7 | 0.25 | ug/m3 |
| 156-60-5 | 96.94 | trans-1,2-Dichloroethylene | ND | 0.20 | 0.015 | ppbv | | ND | 0.79 | 0.059 | ug/m3 |
| 156-59-2 | 96.94 | cis-1,2-Dichloroethylene | 0.18 | 0.20 | 0.028 | ppbv | J | 0.71 | 0.79 | 0.11 | ug/m3 |
| 10061-01-5 | 111 | cis-1,3-Dichloropropene | ND | 0.20 | 0.019 | ppbv | | ND | 0.91 | 0.086 | ug/m3 |
| 541-73-1 | 147 | m-Dichlorobenzene | ND | 0.20 | 0.025 | ppbv | | ND | 1.2 | 0.15 | ug/m3 |
| 95-50-1 | 147 | o-Dichlorobenzene | ND | 0.20 | 0.029 | ppbv | | ND | 1.2 | 0.17 | ug/m3 |
| 106-46-7 | 147 | p-Dichlorobenzene | ND | 0.20 | 0.022 | ppbv | | ND | 1.2 | 0.13 | ug/m3 |
| 10061-02-6 | 111 | trans-1,3-Dichloropropene | ND | 0.20 | 0.021 | ppbv | | ND | 0.91 | 0.095 | ug/m3 |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | | | |
|-------------------|--|-----------------|----------|
| Client Sample ID: | SV-1 | Date Sampled: | 01/20/14 |
| Lab Sample ID: | JB58217-4 | Date Received: | 01/20/14 |
| Matrix: | AIR - Soil Vapor Comp. Summa ID: A1042 | Percent Solids: | n/a |
| Method: | TO-15 | | |
| Project: | Flushing Commons, Union Street, Flushing, NY | | |

VOA TO15 List

| CAS No. | MW | Compound | Result | RL | MDL | Units | Q | Result | RL | MDL | Units |
|-----------|--------|---------------------------|--------|-------|-------|-------|---|--------|------|-------|-------|
| 64-17-5 | 46.07 | Ethanol | 111 | 0.50 | 0.19 | ppbv | E | 209 | 0.94 | 0.36 | ug/m3 |
| 100-41-4 | 106.2 | Ethylbenzene | 0.54 | 0.20 | 0.020 | ppbv | | 2.3 | 0.87 | 0.087 | ug/m3 |
| 141-78-6 | 88 | Ethyl Acetate | 1.0 | 0.20 | 0.057 | ppbv | | 3.6 | 0.72 | 0.21 | ug/m3 |
| 622-96-8 | 120.2 | 4-Ethyltoluene | ND | 0.20 | 0.015 | ppbv | | ND | 0.98 | 0.074 | ug/m3 |
| 76-13-1 | 187.4 | Freon 113 | 6.4 | 0.20 | 0.021 | ppbv | | 49 | 1.5 | 0.16 | ug/m3 |
| 76-14-2 | 170.9 | Freon 114 | ND | 0.20 | 0.021 | ppbv | | ND | 1.4 | 0.15 | ug/m3 |
| 142-82-5 | 100.2 | Heptane | 0.83 | 0.20 | 0.020 | ppbv | | 3.4 | 0.82 | 0.082 | ug/m3 |
| 87-68-3 | 260.8 | Hexachlorobutadiene | ND | 0.20 | 0.063 | ppbv | | ND | 2.1 | 0.67 | ug/m3 |
| 110-54-3 | 86.17 | Hexane | 2.8 | 0.20 | 0.016 | ppbv | | 9.9 | 0.70 | 0.056 | ug/m3 |
| 591-78-6 | 100 | 2-Hexanone | ND | 0.20 | 0.025 | ppbv | | ND | 0.82 | 0.10 | ug/m3 |
| 67-63-0 | 60.1 | Isopropyl Alcohol | 1.6 | 0.20 | 0.039 | ppbv | | 3.9 | 0.49 | 0.096 | ug/m3 |
| 75-09-2 | 84.94 | Methylene chloride | 4.4 | 0.20 | 0.047 | ppbv | | 15 | 0.69 | 0.16 | ug/m3 |
| 78-93-3 | 72.11 | Methyl ethyl ketone | 0.32 | 0.20 | 0.058 | ppbv | | 0.94 | 0.59 | 0.17 | ug/m3 |
| 108-10-1 | 100.2 | Methyl Isobutyl Ketone | ND | 0.20 | 0.029 | ppbv | | ND | 0.82 | 0.12 | ug/m3 |
| 1634-04-4 | 88.15 | Methyl Tert Butyl Ether | ND | 0.20 | 0.017 | ppbv | | ND | 0.72 | 0.061 | ug/m3 |
| 80-62-6 | 100.12 | Methylmethacrylate | ND | 0.20 | 0.040 | ppbv | | ND | 0.82 | 0.16 | ug/m3 |
| 115-07-1 | 42 | Propylene | 5.1 | 0.50 | 0.031 | ppbv | | 8.8 | 0.86 | 0.053 | ug/m3 |
| 100-42-5 | 104.1 | Styrene | ND | 0.20 | 0.020 | ppbv | | ND | 0.85 | 0.085 | ug/m3 |
| 71-55-6 | 133.4 | 1,1,1-Trichloroethane | 0.11 | 0.20 | 0.016 | ppbv | J | 0.60 | 1.1 | 0.087 | ug/m3 |
| 79-34-5 | 167.9 | 1,1,2,2-Tetrachloroethane | ND | 0.20 | 0.030 | ppbv | | ND | 1.4 | 0.21 | ug/m3 |
| 79-00-5 | 133.4 | 1,1,2-Trichloroethane | ND | 0.20 | 0.031 | ppbv | | ND | 1.1 | 0.17 | ug/m3 |
| 120-82-1 | 181.5 | 1,2,4-Trichlorobenzene | ND | 0.20 | 0.079 | ppbv | | ND | 1.5 | 0.59 | ug/m3 |
| 95-63-6 | 120.2 | 1,2,4-Trimethylbenzene | 0.27 | 0.20 | 0.017 | ppbv | | 1.3 | 0.98 | 0.084 | ug/m3 |
| 108-67-8 | 120.2 | 1,3,5-Trimethylbenzene | ND | 0.20 | 0.015 | ppbv | | ND | 0.98 | 0.074 | ug/m3 |
| 540-84-1 | 114.2 | 2,2,4-Trimethylpentane | 0.70 | 0.20 | 0.021 | ppbv | | 3.3 | 0.93 | 0.098 | ug/m3 |
| 75-65-0 | 74.12 | Tertiary Butyl Alcohol | 0.43 | 0.20 | 0.044 | ppbv | | 1.3 | 0.61 | 0.13 | ug/m3 |
| 127-18-4 | 165.8 | Tetrachloroethylene | 1.3 | 0.040 | 0.029 | ppbv | | 8.8 | 0.27 | 0.20 | ug/m3 |
| 109-99-9 | 72.11 | Tetrahydrofuran | ND | 0.20 | 0.045 | ppbv | | ND | 0.59 | 0.13 | ug/m3 |
| 108-88-3 | 92.14 | Toluene | 3.7 | 0.20 | 0.020 | ppbv | | 14 | 0.75 | 0.075 | ug/m3 |
| 79-01-6 | 131.4 | Trichloroethylene | 0.13 | 0.040 | 0.019 | ppbv | | 0.70 | 0.21 | 0.10 | ug/m3 |
| 75-69-4 | 137.4 | Trichlorofluoromethane | 1.3 | 0.20 | 0.014 | ppbv | | 7.3 | 1.1 | 0.079 | ug/m3 |
| 75-01-4 | 62.5 | Vinyl chloride | ND | 0.20 | 0.017 | ppbv | | ND | 0.51 | 0.043 | ug/m3 |
| 108-05-4 | 86 | Vinyl Acetate | ND | 0.20 | 0.058 | ppbv | | ND | 0.70 | 0.20 | ug/m3 |
| | 106.2 | m,p-Xylene | 1.8 | 0.20 | 0.032 | ppbv | | 7.8 | 0.87 | 0.14 | ug/m3 |
| 95-47-6 | 106.2 | o-Xylene | 0.51 | 0.20 | 0.019 | ppbv | | 2.2 | 0.87 | 0.083 | ug/m3 |
| 1330-20-7 | 106.2 | Xylenes (total) | 2.3 | 0.20 | 0.019 | ppbv | | 10 | 0.87 | 0.083 | ug/m3 |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|----------|----------------------|--------|--------|---------|
| 460-00-4 | 4-Bromofluorobenzene | 93% | | 65-128% |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | | | |
|-------------------|--|-----------------|----------|
| Client Sample ID: | SV-5 | Date Sampled: | 01/20/14 |
| Lab Sample ID: | JB58217-5 | Date Received: | 01/20/14 |
| Matrix: | AIR - Soil Vapor Comp. Summa ID: A1167 | Percent Solids: | n/a |
| Method: | TO-15 | | |
| Project: | Flushing Commons, Union Street, Flushing, NY | | |

| Run # | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|-----------|----|----------|-----|-----------|------------|------------------|
| Run #1 | 3W38456.D | 1 | 01/22/14 | YMH | n/a | n/a | V3W1468 |
| Run #2 | | | | | | | |

| Run # | Initial Volume |
|--------|----------------|
| Run #1 | 400 ml |
| Run #2 | |

VOA TO15 List

| CAS No. | MW | Compound | Result | RL | MDL | Units | Q | Result | RL | MDL | Units |
|------------|-------|----------------------------|--------|------|-------|-------|---|--------|------|-------|-------|
| 67-64-1 | 58.08 | Acetone | 34.2 | 0.20 | 0.034 | ppbv | | 81.2 | 0.48 | 0.081 | ug/m3 |
| 106-99-0 | 54.09 | 1,3-Butadiene | ND | 0.20 | 0.020 | ppbv | | ND | 0.44 | 0.044 | ug/m3 |
| 71-43-2 | 78.11 | Benzene | 0.49 | 0.20 | 0.021 | ppbv | | 1.6 | 0.64 | 0.067 | ug/m3 |
| 75-27-4 | 163.8 | Bromodichloromethane | ND | 0.20 | 0.025 | ppbv | | ND | 1.3 | 0.17 | ug/m3 |
| 75-25-2 | 252.8 | Bromoform | ND | 0.20 | 0.022 | ppbv | | ND | 2.1 | 0.23 | ug/m3 |
| 74-83-9 | 94.94 | Bromomethane | ND | 0.20 | 0.017 | ppbv | | ND | 0.78 | 0.066 | ug/m3 |
| 593-60-2 | 106.9 | Bromoethene | ND | 0.20 | 0.014 | ppbv | | ND | 0.87 | 0.061 | ug/m3 |
| 100-44-7 | 126 | Benzyl Chloride | ND | 0.20 | 0.025 | ppbv | | ND | 1.0 | 0.13 | ug/m3 |
| 75-15-0 | 76.14 | Carbon disulfide | 0.26 | 0.20 | 0.017 | ppbv | | 0.81 | 0.62 | 0.053 | ug/m3 |
| 108-90-7 | 112.6 | Chlorobenzene | ND | 0.20 | 0.025 | ppbv | | ND | 0.92 | 0.12 | ug/m3 |
| 75-00-3 | 64.52 | Chloroethane | ND | 0.20 | 0.020 | ppbv | | ND | 0.53 | 0.053 | ug/m3 |
| 67-66-3 | 119.4 | Chloroform | ND | 0.20 | 0.019 | ppbv | | ND | 0.98 | 0.093 | ug/m3 |
| 74-87-3 | 50.49 | Chloromethane | 0.17 | 0.20 | 0.034 | ppbv | J | 0.35 | 0.41 | 0.070 | ug/m3 |
| 107-05-1 | 76.53 | 3-Chloropropene | ND | 0.20 | 0.028 | ppbv | | ND | 0.63 | 0.088 | ug/m3 |
| 95-49-8 | 126.6 | 2-Chlorotoluene | ND | 0.20 | 0.020 | ppbv | | ND | 1.0 | 0.10 | ug/m3 |
| 56-23-5 | 153.8 | Carbon tetrachloride | ND | 0.20 | 0.011 | ppbv | | ND | 1.3 | 0.069 | ug/m3 |
| 110-82-7 | 84.16 | Cyclohexane | 0.15 | 0.20 | 0.058 | ppbv | J | 0.52 | 0.69 | 0.20 | ug/m3 |
| 75-34-3 | 98.96 | 1,1-Dichloroethane | ND | 0.20 | 0.016 | ppbv | | ND | 0.81 | 0.065 | ug/m3 |
| 75-35-4 | 96.94 | 1,1-Dichloroethylene | ND | 0.20 | 0.021 | ppbv | | ND | 0.79 | 0.083 | ug/m3 |
| 106-93-4 | 187.9 | 1,2-Dibromoethane | ND | 0.20 | 0.027 | ppbv | | ND | 1.5 | 0.21 | ug/m3 |
| 107-06-2 | 98.96 | 1,2-Dichloroethane | ND | 0.20 | 0.016 | ppbv | | ND | 0.81 | 0.065 | ug/m3 |
| 78-87-5 | 113 | 1,2-Dichloropropane | ND | 0.20 | 0.040 | ppbv | | ND | 0.92 | 0.18 | ug/m3 |
| 123-91-1 | 88.12 | 1,4-Dioxane | ND | 0.20 | 0.060 | ppbv | | ND | 0.72 | 0.22 | ug/m3 |
| 75-71-8 | 120.9 | Dichlorodifluoromethane | 0.74 | 0.20 | 0.015 | ppbv | | 3.7 | 0.99 | 0.074 | ug/m3 |
| 124-48-1 | 208.3 | Dibromochloromethane | ND | 0.20 | 0.029 | ppbv | | ND | 1.7 | 0.25 | ug/m3 |
| 156-60-5 | 96.94 | trans-1,2-Dichloroethylene | ND | 0.20 | 0.015 | ppbv | | ND | 0.79 | 0.059 | ug/m3 |
| 156-59-2 | 96.94 | cis-1,2-Dichloroethylene | ND | 0.20 | 0.028 | ppbv | | ND | 0.79 | 0.11 | ug/m3 |
| 10061-01-5 | 111 | cis-1,3-Dichloropropene | ND | 0.20 | 0.019 | ppbv | | ND | 0.91 | 0.086 | ug/m3 |
| 541-73-1 | 147 | m-Dichlorobenzene | 0.16 | 0.20 | 0.025 | ppbv | J | 0.96 | 1.2 | 0.15 | ug/m3 |
| 95-50-1 | 147 | o-Dichlorobenzene | ND | 0.20 | 0.029 | ppbv | | ND | 1.2 | 0.17 | ug/m3 |
| 106-46-7 | 147 | p-Dichlorobenzene | ND | 0.20 | 0.022 | ppbv | | ND | 1.2 | 0.13 | ug/m3 |
| 10061-02-6 | 111 | trans-1,3-Dichloropropene | ND | 0.20 | 0.021 | ppbv | | ND | 0.91 | 0.095 | ug/m3 |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | | | |
|-------------------|--|-----------------|----------|
| Client Sample ID: | SV-5 | Date Sampled: | 01/20/14 |
| Lab Sample ID: | JB58217-5 | Date Received: | 01/20/14 |
| Matrix: | AIR - Soil Vapor Comp. Summa ID: A1167 | Percent Solids: | n/a |
| Method: | TO-15 | | |
| Project: | Flushing Commons, Union Street, Flushing, NY | | |

VOA TO15 List

| CAS No. | MW | Compound | Result | RL | MDL | Units | Q | Result | RL | MDL | Units |
|-----------|--------|---------------------------|--------|-------|-------|-------|---|--------|------|-------|-------|
| 64-17-5 | 46.07 | Ethanol | 80.8 | 0.50 | 0.19 | ppbv | E | 152 | 0.94 | 0.36 | ug/m3 |
| 100-41-4 | 106.2 | Ethylbenzene | 1.3 | 0.20 | 0.020 | ppbv | | 5.6 | 0.87 | 0.087 | ug/m3 |
| 141-78-6 | 88 | Ethyl Acetate | 0.89 | 0.20 | 0.057 | ppbv | | 3.2 | 0.72 | 0.21 | ug/m3 |
| 622-96-8 | 120.2 | 4-Ethyltoluene | 0.33 | 0.20 | 0.015 | ppbv | | 1.6 | 0.98 | 0.074 | ug/m3 |
| 76-13-1 | 187.4 | Freon 113 | 2.4 | 0.20 | 0.021 | ppbv | | 18 | 1.5 | 0.16 | ug/m3 |
| 76-14-2 | 170.9 | Freon 114 | ND | 0.20 | 0.021 | ppbv | | ND | 1.4 | 0.15 | ug/m3 |
| 142-82-5 | 100.2 | Heptane | 0.30 | 0.20 | 0.020 | ppbv | | 1.2 | 0.82 | 0.082 | ug/m3 |
| 87-68-3 | 260.8 | Hexachlorobutadiene | ND | 0.20 | 0.063 | ppbv | | ND | 2.1 | 0.67 | ug/m3 |
| 110-54-3 | 86.17 | Hexane | 0.94 | 0.20 | 0.016 | ppbv | | 3.3 | 0.70 | 0.056 | ug/m3 |
| 591-78-6 | 100 | 2-Hexanone | ND | 0.20 | 0.025 | ppbv | | ND | 0.82 | 0.10 | ug/m3 |
| 67-63-0 | 60.1 | Isopropyl Alcohol | 1.2 | 0.20 | 0.039 | ppbv | | 2.9 | 0.49 | 0.096 | ug/m3 |
| 75-09-2 | 84.94 | Methylene chloride | 2.4 | 0.20 | 0.047 | ppbv | | 8.3 | 0.69 | 0.16 | ug/m3 |
| 78-93-3 | 72.11 | Methyl ethyl ketone | 0.52 | 0.20 | 0.058 | ppbv | | 1.5 | 0.59 | 0.17 | ug/m3 |
| 108-10-1 | 100.2 | Methyl Isobutyl Ketone | ND | 0.20 | 0.029 | ppbv | | ND | 0.82 | 0.12 | ug/m3 |
| 1634-04-4 | 88.15 | Methyl Tert Butyl Ether | ND | 0.20 | 0.017 | ppbv | | ND | 0.72 | 0.061 | ug/m3 |
| 80-62-6 | 100.12 | Methylmethacrylate | 0.64 | 0.20 | 0.040 | ppbv | | 2.6 | 0.82 | 0.16 | ug/m3 |
| 115-07-1 | 42 | Propylene | 1.3 | 0.50 | 0.031 | ppbv | | 2.2 | 0.86 | 0.053 | ug/m3 |
| 100-42-5 | 104.1 | Styrene | 0.10 | 0.20 | 0.020 | ppbv | J | 0.43 | 0.85 | 0.085 | ug/m3 |
| 71-55-6 | 133.4 | 1,1,1-Trichloroethane | ND | 0.20 | 0.016 | ppbv | | ND | 1.1 | 0.087 | ug/m3 |
| 79-34-5 | 167.9 | 1,1,2,2-Tetrachloroethane | ND | 0.20 | 0.030 | ppbv | | ND | 1.4 | 0.21 | ug/m3 |
| 79-00-5 | 133.4 | 1,1,2-Trichloroethane | ND | 0.20 | 0.031 | ppbv | | ND | 1.1 | 0.17 | ug/m3 |
| 120-82-1 | 181.5 | 1,2,4-Trichlorobenzene | ND | 0.20 | 0.079 | ppbv | | ND | 1.5 | 0.59 | ug/m3 |
| 95-63-6 | 120.2 | 1,2,4-Trimethylbenzene | 0.98 | 0.20 | 0.017 | ppbv | | 4.8 | 0.98 | 0.084 | ug/m3 |
| 108-67-8 | 120.2 | 1,3,5-Trimethylbenzene | 0.40 | 0.20 | 0.015 | ppbv | | 2.0 | 0.98 | 0.074 | ug/m3 |
| 540-84-1 | 114.2 | 2,2,4-Trimethylpentane | 0.20 | 0.20 | 0.021 | ppbv | | 0.93 | 0.93 | 0.098 | ug/m3 |
| 75-65-0 | 74.12 | Tertiary Butyl Alcohol | 0.40 | 0.20 | 0.044 | ppbv | | 1.2 | 0.61 | 0.13 | ug/m3 |
| 127-18-4 | 165.8 | Tetrachloroethylene | 11.0 | 0.040 | 0.029 | ppbv | | 74.6 | 0.27 | 0.20 | ug/m3 |
| 109-99-9 | 72.11 | Tetrahydrofuran | 0.12 | 0.20 | 0.045 | ppbv | J | 0.35 | 0.59 | 0.13 | ug/m3 |
| 108-88-3 | 92.14 | Toluene | 2.8 | 0.20 | 0.020 | ppbv | | 11 | 0.75 | 0.075 | ug/m3 |
| 79-01-6 | 131.4 | Trichloroethylene | 0.084 | 0.040 | 0.019 | ppbv | | 0.45 | 0.21 | 0.10 | ug/m3 |
| 75-69-4 | 137.4 | Trichlorofluoromethane | 0.67 | 0.20 | 0.014 | ppbv | | 3.8 | 1.1 | 0.079 | ug/m3 |
| 75-01-4 | 62.5 | Vinyl chloride | ND | 0.20 | 0.017 | ppbv | | ND | 0.51 | 0.043 | ug/m3 |
| 108-05-4 | 86 | Vinyl Acetate | ND | 0.20 | 0.058 | ppbv | | ND | 0.70 | 0.20 | ug/m3 |
| | 106.2 | m,p-Xylene | 4.7 | 0.20 | 0.032 | ppbv | | 20 | 0.87 | 0.14 | ug/m3 |
| 95-47-6 | 106.2 | o-Xylene | 2.1 | 0.20 | 0.019 | ppbv | | 9.1 | 0.87 | 0.083 | ug/m3 |
| 1330-20-7 | 106.2 | Xylenes (total) | 6.8 | 0.20 | 0.019 | ppbv | | 30 | 0.87 | 0.083 | ug/m3 |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|----------|----------------------|--------|--------|---------|
| 460-00-4 | 4-Bromofluorobenzene | 99% | | 65-128% |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | | | |
|-------------------|--|-----------------|----------|
| Client Sample ID: | SV-2 | Date Sampled: | 01/20/14 |
| Lab Sample ID: | JB58217-6 | Date Received: | 01/20/14 |
| Matrix: | AIR - Soil Vapor Comp. Summa ID: A881 | Percent Solids: | n/a |
| Method: | TO-15 | | |
| Project: | Flushing Commons, Union Street, Flushing, NY | | |

| Run # | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|-----------|----|----------|-----|-----------|------------|------------------|
| Run #1 | 3W38457.D | 1 | 01/22/14 | YMH | n/a | n/a | V3W1468 |
| Run #2 | | | | | | | |

| Run # | Initial Volume |
|--------|----------------|
| Run #1 | 400 ml |
| Run #2 | |

VOA TO15 List

| CAS No. | MW | Compound | Result | RL | MDL | Units | Q | Result | RL | MDL | Units |
|------------|-------|----------------------------|--------|------|-------|-------|---|--------|------|-------|-------|
| 67-64-1 | 58.08 | Acetone | 21.9 | 0.20 | 0.034 | ppbv | | 52.0 | 0.48 | 0.081 | ug/m3 |
| 106-99-0 | 54.09 | 1,3-Butadiene | ND | 0.20 | 0.020 | ppbv | | ND | 0.44 | 0.044 | ug/m3 |
| 71-43-2 | 78.11 | Benzene | 0.63 | 0.20 | 0.021 | ppbv | | 2.0 | 0.64 | 0.067 | ug/m3 |
| 75-27-4 | 163.8 | Bromodichloromethane | ND | 0.20 | 0.025 | ppbv | | ND | 1.3 | 0.17 | ug/m3 |
| 75-25-2 | 252.8 | Bromoform | ND | 0.20 | 0.022 | ppbv | | ND | 2.1 | 0.23 | ug/m3 |
| 74-83-9 | 94.94 | Bromomethane | ND | 0.20 | 0.017 | ppbv | | ND | 0.78 | 0.066 | ug/m3 |
| 593-60-2 | 106.9 | Bromoethene | ND | 0.20 | 0.014 | ppbv | | ND | 0.87 | 0.061 | ug/m3 |
| 100-44-7 | 126 | Benzyl Chloride | ND | 0.20 | 0.025 | ppbv | | ND | 1.0 | 0.13 | ug/m3 |
| 75-15-0 | 76.14 | Carbon disulfide | 0.34 | 0.20 | 0.017 | ppbv | | 1.1 | 0.62 | 0.053 | ug/m3 |
| 108-90-7 | 112.6 | Chlorobenzene | ND | 0.20 | 0.025 | ppbv | | ND | 0.92 | 0.12 | ug/m3 |
| 75-00-3 | 64.52 | Chloroethane | ND | 0.20 | 0.020 | ppbv | | ND | 0.53 | 0.053 | ug/m3 |
| 67-66-3 | 119.4 | Chloroform | ND | 0.20 | 0.019 | ppbv | | ND | 0.98 | 0.093 | ug/m3 |
| 74-87-3 | 50.49 | Chloromethane | ND | 0.20 | 0.034 | ppbv | | ND | 0.41 | 0.070 | ug/m3 |
| 107-05-1 | 76.53 | 3-Chloropropene | ND | 0.20 | 0.028 | ppbv | | ND | 0.63 | 0.088 | ug/m3 |
| 95-49-8 | 126.6 | 2-Chlorotoluene | ND | 0.20 | 0.020 | ppbv | | ND | 1.0 | 0.10 | ug/m3 |
| 56-23-5 | 153.8 | Carbon tetrachloride | ND | 0.20 | 0.011 | ppbv | | ND | 1.3 | 0.069 | ug/m3 |
| 110-82-7 | 84.16 | Cyclohexane | ND | 0.20 | 0.058 | ppbv | | ND | 0.69 | 0.20 | ug/m3 |
| 75-34-3 | 98.96 | 1,1-Dichloroethane | ND | 0.20 | 0.016 | ppbv | | ND | 0.81 | 0.065 | ug/m3 |
| 75-35-4 | 96.94 | 1,1-Dichloroethylene | ND | 0.20 | 0.021 | ppbv | | ND | 0.79 | 0.083 | ug/m3 |
| 106-93-4 | 187.9 | 1,2-Dibromoethane | ND | 0.20 | 0.027 | ppbv | | ND | 1.5 | 0.21 | ug/m3 |
| 107-06-2 | 98.96 | 1,2-Dichloroethane | ND | 0.20 | 0.016 | ppbv | | ND | 0.81 | 0.065 | ug/m3 |
| 78-87-5 | 113 | 1,2-Dichloropropane | ND | 0.20 | 0.040 | ppbv | | ND | 0.92 | 0.18 | ug/m3 |
| 123-91-1 | 88.12 | 1,4-Dioxane | ND | 0.20 | 0.060 | ppbv | | ND | 0.72 | 0.22 | ug/m3 |
| 75-71-8 | 120.9 | Dichlorodifluoromethane | 0.64 | 0.20 | 0.015 | ppbv | | 3.2 | 0.99 | 0.074 | ug/m3 |
| 124-48-1 | 208.3 | Dibromochloromethane | ND | 0.20 | 0.029 | ppbv | | ND | 1.7 | 0.25 | ug/m3 |
| 156-60-5 | 96.94 | trans-1,2-Dichloroethylene | ND | 0.20 | 0.015 | ppbv | | ND | 0.79 | 0.059 | ug/m3 |
| 156-59-2 | 96.94 | cis-1,2-Dichloroethylene | ND | 0.20 | 0.028 | ppbv | | ND | 0.79 | 0.11 | ug/m3 |
| 10061-01-5 | 111 | cis-1,3-Dichloropropene | ND | 0.20 | 0.019 | ppbv | | ND | 0.91 | 0.086 | ug/m3 |
| 541-73-1 | 147 | m-Dichlorobenzene | 0.14 | 0.20 | 0.025 | ppbv | J | 0.84 | 1.2 | 0.15 | ug/m3 |
| 95-50-1 | 147 | o-Dichlorobenzene | ND | 0.20 | 0.029 | ppbv | | ND | 1.2 | 0.17 | ug/m3 |
| 106-46-7 | 147 | p-Dichlorobenzene | ND | 0.20 | 0.022 | ppbv | | ND | 1.2 | 0.13 | ug/m3 |
| 10061-02-6 | 111 | trans-1,3-Dichloropropene | ND | 0.20 | 0.021 | ppbv | | ND | 0.91 | 0.095 | ug/m3 |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | | | |
|-------------------|--|-----------------|----------|
| Client Sample ID: | SV-2 | Date Sampled: | 01/20/14 |
| Lab Sample ID: | JB58217-6 | Date Received: | 01/20/14 |
| Matrix: | AIR - Soil Vapor Comp. Summa ID: A881 | Percent Solids: | n/a |
| Method: | TO-15 | | |
| Project: | Flushing Commons, Union Street, Flushing, NY | | |

VOA TO15 List

| CAS No. | MW | Compound | Result | RL | MDL | Units | Q | Result | RL | MDL | Units |
|-----------|--------|---------------------------|--------|-------|-------|-------|---|--------|------|-------|-------|
| 64-17-5 | 46.07 | Ethanol | 73.4 | 0.50 | 0.19 | ppbv | E | 138 | 0.94 | 0.36 | ug/m3 |
| 100-41-4 | 106.2 | Ethylbenzene | 0.60 | 0.20 | 0.020 | ppbv | | 2.6 | 0.87 | 0.087 | ug/m3 |
| 141-78-6 | 88 | Ethyl Acetate | 0.74 | 0.20 | 0.057 | ppbv | | 2.7 | 0.72 | 0.21 | ug/m3 |
| 622-96-8 | 120.2 | 4-Ethyltoluene | 0.11 | 0.20 | 0.015 | ppbv | J | 0.54 | 0.98 | 0.074 | ug/m3 |
| 76-13-1 | 187.4 | Freon 113 | 1.1 | 0.20 | 0.021 | ppbv | | 8.4 | 1.5 | 0.16 | ug/m3 |
| 76-14-2 | 170.9 | Freon 114 | ND | 0.20 | 0.021 | ppbv | | ND | 1.4 | 0.15 | ug/m3 |
| 142-82-5 | 100.2 | Heptane | 0.27 | 0.20 | 0.020 | ppbv | | 1.1 | 0.82 | 0.082 | ug/m3 |
| 87-68-3 | 260.8 | Hexachlorobutadiene | ND | 0.20 | 0.063 | ppbv | | ND | 2.1 | 0.67 | ug/m3 |
| 110-54-3 | 86.17 | Hexane | 0.65 | 0.20 | 0.016 | ppbv | | 2.3 | 0.70 | 0.056 | ug/m3 |
| 591-78-6 | 100 | 2-Hexanone | ND | 0.20 | 0.025 | ppbv | | ND | 0.82 | 0.10 | ug/m3 |
| 67-63-0 | 60.1 | Isopropyl Alcohol | 2.3 | 0.20 | 0.039 | ppbv | | 5.7 | 0.49 | 0.096 | ug/m3 |
| 75-09-2 | 84.94 | Methylene chloride | 1.9 | 0.20 | 0.047 | ppbv | | 6.6 | 0.69 | 0.16 | ug/m3 |
| 78-93-3 | 72.11 | Methyl ethyl ketone | 0.56 | 0.20 | 0.058 | ppbv | | 1.7 | 0.59 | 0.17 | ug/m3 |
| 108-10-1 | 100.2 | Methyl Isobutyl Ketone | ND | 0.20 | 0.029 | ppbv | | ND | 0.82 | 0.12 | ug/m3 |
| 1634-04-4 | 88.15 | Methyl Tert Butyl Ether | ND | 0.20 | 0.017 | ppbv | | ND | 0.72 | 0.061 | ug/m3 |
| 80-62-6 | 100.12 | Methylmethacrylate | ND | 0.20 | 0.040 | ppbv | | ND | 0.82 | 0.16 | ug/m3 |
| 115-07-1 | 42 | Propylene | ND | 0.50 | 0.031 | ppbv | | ND | 0.86 | 0.053 | ug/m3 |
| 100-42-5 | 104.1 | Styrene | ND | 0.20 | 0.020 | ppbv | | ND | 0.85 | 0.085 | ug/m3 |
| 71-55-6 | 133.4 | 1,1,1-Trichloroethane | ND | 0.20 | 0.016 | ppbv | | ND | 1.1 | 0.087 | ug/m3 |
| 79-34-5 | 167.9 | 1,1,2,2-Tetrachloroethane | ND | 0.20 | 0.030 | ppbv | | ND | 1.4 | 0.21 | ug/m3 |
| 79-00-5 | 133.4 | 1,1,2-Trichloroethane | ND | 0.20 | 0.031 | ppbv | | ND | 1.1 | 0.17 | ug/m3 |
| 120-82-1 | 181.5 | 1,2,4-Trichlorobenzene | ND | 0.20 | 0.079 | ppbv | | ND | 1.5 | 0.59 | ug/m3 |
| 95-63-6 | 120.2 | 1,2,4-Trimethylbenzene | 0.40 | 0.20 | 0.017 | ppbv | | 2.0 | 0.98 | 0.084 | ug/m3 |
| 108-67-8 | 120.2 | 1,3,5-Trimethylbenzene | 0.13 | 0.20 | 0.015 | ppbv | J | 0.64 | 0.98 | 0.074 | ug/m3 |
| 540-84-1 | 114.2 | 2,2,4-Trimethylpentane | 0.14 | 0.20 | 0.021 | ppbv | J | 0.65 | 0.93 | 0.098 | ug/m3 |
| 75-65-0 | 74.12 | Tertiary Butyl Alcohol | 0.53 | 0.20 | 0.044 | ppbv | | 1.6 | 0.61 | 0.13 | ug/m3 |
| 127-18-4 | 165.8 | Tetrachloroethylene | 0.47 | 0.040 | 0.029 | ppbv | | 3.2 | 0.27 | 0.20 | ug/m3 |
| 109-99-9 | 72.11 | Tetrahydrofuran | ND | 0.20 | 0.045 | ppbv | | ND | 0.59 | 0.13 | ug/m3 |
| 108-88-3 | 92.14 | Toluene | 1.5 | 0.20 | 0.020 | ppbv | | 5.7 | 0.75 | 0.075 | ug/m3 |
| 79-01-6 | 131.4 | Trichloroethylene | ND | 0.040 | 0.019 | ppbv | | ND | 0.21 | 0.10 | ug/m3 |
| 75-69-4 | 137.4 | Trichlorofluoromethane | 0.49 | 0.20 | 0.014 | ppbv | | 2.8 | 1.1 | 0.079 | ug/m3 |
| 75-01-4 | 62.5 | Vinyl chloride | ND | 0.20 | 0.017 | ppbv | | ND | 0.51 | 0.043 | ug/m3 |
| 108-05-4 | 86 | Vinyl Acetate | ND | 0.20 | 0.058 | ppbv | | ND | 0.70 | 0.20 | ug/m3 |
| | 106.2 | m,p-Xylene | 2.4 | 0.20 | 0.032 | ppbv | | 10 | 0.87 | 0.14 | ug/m3 |
| 95-47-6 | 106.2 | o-Xylene | 0.67 | 0.20 | 0.019 | ppbv | | 2.9 | 0.87 | 0.083 | ug/m3 |
| 1330-20-7 | 106.2 | Xylenes (total) | 3.1 | 0.20 | 0.019 | ppbv | | 13 | 0.87 | 0.083 | ug/m3 |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|----------|----------------------|--------|--------|---------|
| 460-00-4 | 4-Bromofluorobenzene | 105% | | 65-128% |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | | | |
|-------------------|--|-----------------|----------|
| Client Sample ID: | AA-1 | Date Sampled: | 01/20/14 |
| Lab Sample ID: | JB58217-7 | Date Received: | 01/20/14 |
| Matrix: | AIR - Ambient Air Comp. Summa ID: A263 | Percent Solids: | n/a |
| Method: | TO-15 | | |
| Project: | Flushing Commons, Union Street, Flushing, NY | | |

| Run # | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|-----------|----|----------|-----|-----------|------------|------------------|
| Run #1 | 3W38458.D | 1 | 01/23/14 | YMH | n/a | n/a | V3W1468 |
| Run #2 | | | | | | | |

| Run # | Initial Volume |
|--------|----------------|
| Run #1 | 400 ml |
| Run #2 | |

VOA TO15 List

| CAS No. | MW | Compound | Result | RL | MDL | Units | Q | Result | RL | MDL | Units |
|------------|-------|----------------------------|--------|------|-------|-------|---|--------|------|-------|-------|
| 67-64-1 | 58.08 | Acetone | 3.1 | 0.20 | 0.034 | ppbv | | 7.4 | 0.48 | 0.081 | ug/m3 |
| 106-99-0 | 54.09 | 1,3-Butadiene | ND | 0.20 | 0.020 | ppbv | | ND | 0.44 | 0.044 | ug/m3 |
| 71-43-2 | 78.11 | Benzene | 0.51 | 0.20 | 0.021 | ppbv | | 1.6 | 0.64 | 0.067 | ug/m3 |
| 75-27-4 | 163.8 | Bromodichloromethane | ND | 0.20 | 0.025 | ppbv | | ND | 1.3 | 0.17 | ug/m3 |
| 75-25-2 | 252.8 | Bromoform | ND | 0.20 | 0.022 | ppbv | | ND | 2.1 | 0.23 | ug/m3 |
| 74-83-9 | 94.94 | Bromomethane | ND | 0.20 | 0.017 | ppbv | | ND | 0.78 | 0.066 | ug/m3 |
| 593-60-2 | 106.9 | Bromoethene | ND | 0.20 | 0.014 | ppbv | | ND | 0.87 | 0.061 | ug/m3 |
| 100-44-7 | 126 | Benzyl Chloride | ND | 0.20 | 0.025 | ppbv | | ND | 1.0 | 0.13 | ug/m3 |
| 75-15-0 | 76.14 | Carbon disulfide | ND | 0.20 | 0.017 | ppbv | | ND | 0.62 | 0.053 | ug/m3 |
| 108-90-7 | 112.6 | Chlorobenzene | ND | 0.20 | 0.025 | ppbv | | ND | 0.92 | 0.12 | ug/m3 |
| 75-00-3 | 64.52 | Chloroethane | ND | 0.20 | 0.020 | ppbv | | ND | 0.53 | 0.053 | ug/m3 |
| 67-66-3 | 119.4 | Chloroform | ND | 0.20 | 0.019 | ppbv | | ND | 0.98 | 0.093 | ug/m3 |
| 74-87-3 | 50.49 | Chloromethane | 0.52 | 0.20 | 0.034 | ppbv | | 1.1 | 0.41 | 0.070 | ug/m3 |
| 107-05-1 | 76.53 | 3-Chloropropene | ND | 0.20 | 0.028 | ppbv | | ND | 0.63 | 0.088 | ug/m3 |
| 95-49-8 | 126.6 | 2-Chlorotoluene | ND | 0.20 | 0.020 | ppbv | | ND | 1.0 | 0.10 | ug/m3 |
| 56-23-5 | 153.8 | Carbon tetrachloride | ND | 0.20 | 0.011 | ppbv | | ND | 1.3 | 0.069 | ug/m3 |
| 110-82-7 | 84.16 | Cyclohexane | ND | 0.20 | 0.058 | ppbv | | ND | 0.69 | 0.20 | ug/m3 |
| 75-34-3 | 98.96 | 1,1-Dichloroethane | ND | 0.20 | 0.016 | ppbv | | ND | 0.81 | 0.065 | ug/m3 |
| 75-35-4 | 96.94 | 1,1-Dichloroethylene | ND | 0.20 | 0.021 | ppbv | | ND | 0.79 | 0.083 | ug/m3 |
| 106-93-4 | 187.9 | 1,2-Dibromoethane | ND | 0.20 | 0.027 | ppbv | | ND | 1.5 | 0.21 | ug/m3 |
| 107-06-2 | 98.96 | 1,2-Dichloroethane | ND | 0.20 | 0.016 | ppbv | | ND | 0.81 | 0.065 | ug/m3 |
| 78-87-5 | 113 | 1,2-Dichloropropane | ND | 0.20 | 0.040 | ppbv | | ND | 0.92 | 0.18 | ug/m3 |
| 123-91-1 | 88.12 | 1,4-Dioxane | ND | 0.20 | 0.060 | ppbv | | ND | 0.72 | 0.22 | ug/m3 |
| 75-71-8 | 120.9 | Dichlorodifluoromethane | 0.59 | 0.20 | 0.015 | ppbv | | 2.9 | 0.99 | 0.074 | ug/m3 |
| 124-48-1 | 208.3 | Dibromochloromethane | ND | 0.20 | 0.029 | ppbv | | ND | 1.7 | 0.25 | ug/m3 |
| 156-60-5 | 96.94 | trans-1,2-Dichloroethylene | ND | 0.20 | 0.015 | ppbv | | ND | 0.79 | 0.059 | ug/m3 |
| 156-59-2 | 96.94 | cis-1,2-Dichloroethylene | ND | 0.20 | 0.028 | ppbv | | ND | 0.79 | 0.11 | ug/m3 |
| 10061-01-5 | 111 | cis-1,3-Dichloropropene | ND | 0.20 | 0.019 | ppbv | | ND | 0.91 | 0.086 | ug/m3 |
| 541-73-1 | 147 | m-Dichlorobenzene | ND | 0.20 | 0.025 | ppbv | | ND | 1.2 | 0.15 | ug/m3 |
| 95-50-1 | 147 | o-Dichlorobenzene | ND | 0.20 | 0.029 | ppbv | | ND | 1.2 | 0.17 | ug/m3 |
| 106-46-7 | 147 | p-Dichlorobenzene | ND | 0.20 | 0.022 | ppbv | | ND | 1.2 | 0.13 | ug/m3 |
| 10061-02-6 | 111 | trans-1,3-Dichloropropene | ND | 0.20 | 0.021 | ppbv | | ND | 0.91 | 0.095 | ug/m3 |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | | | |
|-------------------|--|-----------------|----------|
| Client Sample ID: | AA-1 | Date Sampled: | 01/20/14 |
| Lab Sample ID: | JB58217-7 | Date Received: | 01/20/14 |
| Matrix: | AIR - Ambient Air Comp. Summa ID: A263 | Percent Solids: | n/a |
| Method: | TO-15 | | |
| Project: | Flushing Commons, Union Street, Flushing, NY | | |

VOA TO15 List

| CAS No. | MW | Compound | Result | RL | MDL | Units | Q | Result | RL | MDL | Units |
|-----------|--------|---------------------------|--------|-------|-------|-------|---|--------|------|-------|-------|
| 64-17-5 | 46.07 | Ethanol | 10.3 | 0.50 | 0.19 | ppbv | | 19.4 | 0.94 | 0.36 | ug/m3 |
| 100-41-4 | 106.2 | Ethylbenzene | 0.12 | 0.20 | 0.020 | ppbv | J | 0.52 | 0.87 | 0.087 | ug/m3 |
| 141-78-6 | 88 | Ethyl Acetate | 1.0 | 0.20 | 0.057 | ppbv | | 3.6 | 0.72 | 0.21 | ug/m3 |
| 622-96-8 | 120.2 | 4-Ethyltoluene | ND | 0.20 | 0.015 | ppbv | | ND | 0.98 | 0.074 | ug/m3 |
| 76-13-1 | 187.4 | Freon 113 | 0.37 | 0.20 | 0.021 | ppbv | | 2.8 | 1.5 | 0.16 | ug/m3 |
| 76-14-2 | 170.9 | Freon 114 | ND | 0.20 | 0.021 | ppbv | | ND | 1.4 | 0.15 | ug/m3 |
| 142-82-5 | 100.2 | Heptane | 0.14 | 0.20 | 0.020 | ppbv | J | 0.57 | 0.82 | 0.082 | ug/m3 |
| 87-68-3 | 260.8 | Hexachlorobutadiene | ND | 0.20 | 0.063 | ppbv | | ND | 2.1 | 0.67 | ug/m3 |
| 110-54-3 | 86.17 | Hexane | 0.51 | 0.20 | 0.016 | ppbv | | 1.8 | 0.70 | 0.056 | ug/m3 |
| 591-78-6 | 100 | 2-Hexanone | ND | 0.20 | 0.025 | ppbv | | ND | 0.82 | 0.10 | ug/m3 |
| 67-63-0 | 60.1 | Isopropyl Alcohol | 1.2 | 0.20 | 0.039 | ppbv | | 2.9 | 0.49 | 0.096 | ug/m3 |
| 75-09-2 | 84.94 | Methylene chloride | 1.4 | 0.20 | 0.047 | ppbv | | 4.9 | 0.69 | 0.16 | ug/m3 |
| 78-93-3 | 72.11 | Methyl ethyl ketone | 0.27 | 0.20 | 0.058 | ppbv | | 0.80 | 0.59 | 0.17 | ug/m3 |
| 108-10-1 | 100.2 | Methyl Isobutyl Ketone | ND | 0.20 | 0.029 | ppbv | | ND | 0.82 | 0.12 | ug/m3 |
| 1634-04-4 | 88.15 | Methyl Tert Butyl Ether | ND | 0.20 | 0.017 | ppbv | | ND | 0.72 | 0.061 | ug/m3 |
| 80-62-6 | 100.12 | Methylmethacrylate | ND | 0.20 | 0.040 | ppbv | | ND | 0.82 | 0.16 | ug/m3 |
| 115-07-1 | 42 | Propylene | ND | 0.50 | 0.031 | ppbv | | ND | 0.86 | 0.053 | ug/m3 |
| 100-42-5 | 104.1 | Styrene | ND | 0.20 | 0.020 | ppbv | | ND | 0.85 | 0.085 | ug/m3 |
| 71-55-6 | 133.4 | 1,1,1-Trichloroethane | ND | 0.20 | 0.016 | ppbv | | ND | 1.1 | 0.087 | ug/m3 |
| 79-34-5 | 167.9 | 1,1,2,2-Tetrachloroethane | ND | 0.20 | 0.030 | ppbv | | ND | 1.4 | 0.21 | ug/m3 |
| 79-00-5 | 133.4 | 1,1,2-Trichloroethane | ND | 0.20 | 0.031 | ppbv | | ND | 1.1 | 0.17 | ug/m3 |
| 120-82-1 | 181.5 | 1,2,4-Trichlorobenzene | ND | 0.20 | 0.079 | ppbv | | ND | 1.5 | 0.59 | ug/m3 |
| 95-63-6 | 120.2 | 1,2,4-Trimethylbenzene | 0.12 | 0.20 | 0.017 | ppbv | J | 0.59 | 0.98 | 0.084 | ug/m3 |
| 108-67-8 | 120.2 | 1,3,5-Trimethylbenzene | ND | 0.20 | 0.015 | ppbv | | ND | 0.98 | 0.074 | ug/m3 |
| 540-84-1 | 114.2 | 2,2,4-Trimethylpentane | 0.14 | 0.20 | 0.021 | ppbv | J | 0.65 | 0.93 | 0.098 | ug/m3 |
| 75-65-0 | 74.12 | Tertiary Butyl Alcohol | ND | 0.20 | 0.044 | ppbv | | ND | 0.61 | 0.13 | ug/m3 |
| 127-18-4 | 165.8 | Tetrachloroethylene | 0.18 | 0.040 | 0.029 | ppbv | | 1.2 | 0.27 | 0.20 | ug/m3 |
| 109-99-9 | 72.11 | Tetrahydrofuran | ND | 0.20 | 0.045 | ppbv | | ND | 0.59 | 0.13 | ug/m3 |
| 108-88-3 | 92.14 | Toluene | 0.83 | 0.20 | 0.020 | ppbv | | 3.1 | 0.75 | 0.075 | ug/m3 |
| 79-01-6 | 131.4 | Trichloroethylene | ND | 0.040 | 0.019 | ppbv | | ND | 0.21 | 0.10 | ug/m3 |
| 75-69-4 | 137.4 | Trichlorofluoromethane | 0.29 | 0.20 | 0.014 | ppbv | | 1.6 | 1.1 | 0.079 | ug/m3 |
| 75-01-4 | 62.5 | Vinyl chloride | ND | 0.20 | 0.017 | ppbv | | ND | 0.51 | 0.043 | ug/m3 |
| 108-05-4 | 86 | Vinyl Acetate | ND | 0.20 | 0.058 | ppbv | | ND | 0.70 | 0.20 | ug/m3 |
| | 106.2 | m,p-Xylene | 0.43 | 0.20 | 0.032 | ppbv | | 1.9 | 0.87 | 0.14 | ug/m3 |
| 95-47-6 | 106.2 | o-Xylene | 0.15 | 0.20 | 0.019 | ppbv | J | 0.65 | 0.87 | 0.083 | ug/m3 |
| 1330-20-7 | 106.2 | Xylenes (total) | 0.58 | 0.20 | 0.019 | ppbv | | 2.5 | 0.87 | 0.083 | ug/m3 |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|----------|----------------------|--------|--------|---------|
| 460-00-4 | 4-Bromofluorobenzene | 92% | | 65-128% |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Misc. Forms

5

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody
- Summa Canister and Flow Controller Log

AIR



CHAIN OF CUSTODY

Air Sampling Field Data Sheet

FED-EX Tracking # _____ Bottle Order Control # _____ PAGE 1 OF 1
 Lab Quote # _____ Lab Job # JB58217

| Client / Reporting Information | | | | | | Weather Parameters | | | | | Requested Analysis | | | | | |
|---|--------------------------------|---|---|------------------------------|--------------------------------|---|-------------------------|-------------------------------|-------------------------|--------------------|---|-------------------------|-------------------------------|-------------------------|------------------|---|
| Company Name <u>AKRF, Inc.</u> | | | Project Name <u>Flushing Commons</u> | | | Temperature (Fahrenheit) | | | | | Requested Analysis Standard TO-15 Reporting List | | | | | |
| Address <u>440 Park Ave. 4th Floor</u> | | | Street <u>Union St.</u> | | | Start: <u>74°</u> | | Maximum: <u>43°</u> | | | | | | | | |
| City <u>New York</u> State <u>NY</u> Zip <u>10016</u> | | | City <u>Flushing</u> State <u>NY</u> | | | Stop: <u>43°</u> | | Minimum: <u>39°</u> | | | | | | | | |
| Project Contact <u>Stere Malinowski</u> E-mail <u>smalinowski@akrf.com</u> | | | Project # <u>10677</u> | | | Atmospheric Pressure (Inches of Hg) | | | | | | | | | | |
| Phone # <u>631-574-3224</u> | | | Client Purchase Order # | | | Start: <u>29.65</u> | | Maximum: <u>29.65</u> | | | Other weather comment: | | | | | |
| Sampler(s) Name(s) <u>R. Andrews</u> | | | | | | Stop: <u>29.60</u> | | Minimum: <u>29.60</u> | | | | | | | | |
| Lab Sample # | Field ID / Point of Collection | Air Type | | | | Start Sampling Information | | | | | Stop Sampling Information | | | | | |
| | | Indoor(I) Soil Vap(SV) Ambient(A) | Canister Serial # | Canister Size 6L or 1L | Flow Controller Serial # | Date | Time (24hr clock) | Canister Pressure ("Hg) | Interior Temp (F) | Sampler Init. | Date | Time (24hr clock) | Canister Pressure ("Hg) | Interior Temp (F) | Sampler Init. | |
| 1 | SV-4 | SV | A169 | 6L | C162 | 1/20/14 | 0738 | -30.0 | 39° | RA | 1/20/14 | 0938 | -8.0 | 43°F | RA | X |
| 2 | SV-3 | | A1147 | | FC263 | | 0800 | -29.98 | | | | 1000 | -8.0 | 43°F | | |
| 3 | SV-6 | | A310 | | FC592 | | 0815 | -29.90 | | | | 1015 | -5.0 | | | |
| 4 | SV-1 | | A1042 | | FC487 | | 0830 | -30.0 | | | | 1030 | -9.0 | | | |
| 5 | SV-5 | | A1167 | | FC601 | | 0846 | -29.90 | | | | 1046 | -6.0 | | | |
| 6 | SV-2 | | A881 | | FC672 | | 0905 | -30.0 | | | | 1105 | -8.0 | | | |
| 7 | AA-1 | | A263 | | FC646 | | 0911 | -29.96 | | | | 1111 | -6.50 | | | |
| Turnaround Time (Business days) | | | | | | Data Deliverable Information | | | | | Comments / Remarks | | | | | |
| Standard - 15 Days 10 Day 5 Day <input checked="" type="checkbox"/> 3 Day 2 Day 1 Day Other | | | | | | All NJDEP TO-15 is mandatory Full T1 Comm A <input checked="" type="checkbox"/> Comm B Reduced T2 Full T1 Other: | | | | | Reduced deliverables. Consolidate into 1 report. SUMMARY | | | | | |
| Sample Custody must be documented below each time samples change possession, including courier delivery. | | | | | | | | | | | | | | | | |
| Relinquished by Laboratory: | | Date Time: | | Received By: | | Relinquished by: | | Date Time: | | Received By: | | | | | | |
| 1 <u>R. Andrews</u> | | 1/20/14 4:19 | | <u>RAD</u> | | 2 <u>RAD</u> | | 1/20/14 | | <u>[Signature]</u> | | | | | | |
| 3 | | Date Time: | | Received By: | | 4 | | Date Time: | | Received By: | | | | | | |
| 5 | | Date Time: | | Received By: | | Custody Seal # | | 78:45 | | 4 | | | | | | |

5.1 5

4
HB

Job# JB58217
(REQUIRED)

Unused Summa Return Form

Client AKRE, INC Office NY
Project FLORING

#Summas 1 #Flow Controllers 2

Summa#s A1030 (-8) FC#s FC 680
FC 373

Rec'd By [Signature] Rec'd Date/Time 1/20/14 1845

Rec'd via OUTSIDE COURIER (IMPULSE)
(Attach any client paperwork, documentation, or airbills if available)

Notes



Accutest Laboratories Sample Receipt Summary

Accutest Job Number: JB58217 Client: _____ Project: _____
 Date / Time Received: 1/20/2014 Delivery Method: _____ Airbill #'s: _____

Cooler Temps (Initial/Adjusted):

| <u>Cooler Security</u> | <u>Y or N</u> | | | <u>Y or N</u> | |
|---------------------------|-------------------------------------|--------------------------|-----------------------|-------------------------------------|--------------------------|
| 1. Custody Seals Present: | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 3. COC Present: | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Custody Seals Intact: | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 4. Smpl Dates/Time OK | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

| <u>Cooler Temperature</u> | <u>Y or N</u> | |
|------------------------------|-------------------------------------|--------------------------|
| 1. Temp criteria achieved: | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Cooler temp verification: | _____ | |
| 3. Cooler media: | _____ | |
| 4. No. Coolers: | 0 | |

| <u>Quality Control Preservation</u> | <u>Y</u> | <u>or</u> | <u>N</u> | <u>N/A</u> |
|-------------------------------------|-------------------------------------|-----------|-------------------------------------|-------------------------------------|
| 1. Trip Blank present / cooler: | <input type="checkbox"/> | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Trip Blank listed on COC: | <input type="checkbox"/> | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Samples preserved properly: | <input checked="" type="checkbox"/> | | <input type="checkbox"/> | |
| 4. VOCs headspace free: | <input type="checkbox"/> | | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

| <u>Sample Integrity - Documentation</u> | <u>Y or N</u> | |
|---|-------------------------------------|--------------------------|
| 1. Sample labels present on bottles: | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Container labeling complete: | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Sample container label / COC agree: | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

| <u>Sample Integrity - Condition</u> | <u>Y or N</u> | |
|-------------------------------------|-------------------------------------|--------------------------|
| 1. Sample recvd within HT: | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. All containers accounted for: | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Condition of sample: | Intact | |

| <u>Sample Integrity - Instructions</u> | <u>Y</u> | <u>or</u> | <u>N</u> | <u>N/A</u> |
|---|-------------------------------------|-----------|-------------------------------------|-------------------------------------|
| 1. Analysis requested is clear: | <input checked="" type="checkbox"/> | | <input type="checkbox"/> | |
| 2. Bottles received for unspecified tests | <input type="checkbox"/> | | <input checked="" type="checkbox"/> | |
| 3. Sufficient volume recvd for analysis: | <input checked="" type="checkbox"/> | | <input type="checkbox"/> | |
| 4. Compositing instructions clear: | <input type="checkbox"/> | | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 5. Filtering instructions clear: | <input type="checkbox"/> | | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

Comments

Accutest Laboratories
V: 732.329.0200

2235 US Highway 130
F: 732.329.3499

Dayton, New Jersey
www.accutest.com

5.1
5



Job Change Order: JB58217

Requested Date: 1/27/2014 Received Date: 1/20/2014
 Account Name: AKRF Due Date: 1/27/2014
 Project Description: Flushing Commons, Union Street, Flushing, NY Deliverable: NYASPA
 CSR: MattC TAT (Days): 7

Sample #: JB58217-all Change: revise deliverable to COMMBN, Reissue
 Dept:

Above Changes Per: S Mainowski Date: 1/27/2014

To Client: This Change Order is confirmation of the revisions, previously discussed with the Accutest Client Service Representative.

Summa Canister and Flow Controller Log

Job Number: JB58217
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY
 Received: 01/20/14

| SUMMA CANISTERS | | | | | | | | | | | | | |
|-----------------|-------|-----------|----------|----|-----------|------------|---------------|----------|-----|----------|-----------|------------|----------|
| Shipping | | | | | | | Receiving | | | | | | |
| Summa ID | Vac L | Date " Hg | Date Out | By | SCC Batch | SCC FileID | Sample Number | Date In | By | Vac " Hg | Pres psig | Final psig | Dil Fact |
| A169 | 6 | 29.4 | 01/17/14 | RC | CP6724 | 3W38309.D | JB58217-1 | 01/21/14 | DFT | 6 | | | 1 |
| A1197 | 6 | 29.4 | 01/09/14 | FZ | CP6681 | 3W37933.D | JB58217-2 | 01/21/14 | DFT | 6 | | | 1 |
| A310 | 6 | 29.4 | 01/09/14 | FZ | CP6679 | 3W37938.D | JB58217-3 | 01/21/14 | DFT | 4 | | | 1 |
| A1042 | 6 | 29.4 | 01/09/14 | FZ | CP6679 | 3W37938.D | JB58217-4 | 01/21/14 | DFT | 6 | | | 1 |
| A1167 | 6 | 29.4 | 01/17/14 | RC | CP6724 | 3W38309.D | JB58217-5 | 01/21/14 | DFT | 5 | | | 1 |
| A881 | 6 | 29.4 | 01/17/14 | RC | CP6724 | 3W38309.D | JB58217-6 | 01/21/14 | DFT | 6 | | | 1 |
| A263 | 6 | 29.4 | 01/17/14 | RC | CP6724 | 3W38309.D | JB58217-7 | 01/21/14 | DFT | 6 | | | 1 |

| FLOW CONTROLLERS / OTHER | | | | | | | | | |
|--------------------------|----------|----|---------|-----------|-----------|----|---------|-----------------|--|
| Shipping | | | | | Receiving | | | | |
| Flow Crtl ID | Date Out | By | cc/ min | Time hrs. | Date In | By | cc/ min | Equipment Type | |
| FC162 | 01/17/14 | RC | 37.5 | 2 | 01/22/14 | RC | 38.4 | Flow Controller | |
| FC263 | 01/17/14 | RC | 37.5 | 2 | 01/22/14 | RC | 37.2 | Flow Controller | |
| FC373 | 01/17/14 | RC | 37.5 | 2 | 01/22/14 | RC | 38.1 | Flow Controller | |
| FC487 | 01/17/14 | RC | 37.5 | 2 | 01/22/14 | RC | 37 | Flow Controller | |
| FC572 | 01/17/14 | RC | 37.5 | 2 | 01/22/14 | RC | 38.2 | Flow Controller | |
| FC646 | 01/17/14 | RC | 37.5 | 2 | 01/22/14 | RC | 38.8 | Flow Controller | |
| FC672 | 01/17/14 | RC | 37.5 | 2 | 01/22/14 | RC | 39.2 | Flow Controller | |
| FC680 | 01/17/14 | RC | 37.5 | 2 | 01/22/14 | RC | 38.2 | Flow Controller | |
| FC681 | 01/17/14 | RC | 37.5 | 2 | 01/22/14 | RC | 40.4 | Flow Controller | |

Accutest Bottle Order(s):
 MC-1/17/2014-3
 MC-1/8/2014-5

| | | |
|-----------|--------------|--------------|
| Prep Date | Room Temp(F) | Bar Pres "Hg |
| 01/09/14 | 70 | 29.92 |
| 01/17/14 | 70 | 29.92 |

5.2
5

GC/MS Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Instrument Performance Checks (BFB)
- Surrogate Recovery Summaries

Method Blank Summary

Job Number: JB58217
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| | | | | | | | |
|------------|-----------|----|----------|-----|-----------|------------|------------------|
| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
| V3W1468-MB | 3W38444.D | 1 | 01/22/14 | YMH | n/a | n/a | V3W1468 |

The QC reported here applies to the following samples:

Method: TO-15

JB58217-1, JB58217-2, JB58217-3, JB58217-4, JB58217-5, JB58217-6, JB58217-7

| CAS No. | Compound | Result | RL | MDL | Units | Q | Result | RL | Units |
|------------|----------------------------|--------|------|-------|-------|---|--------|------|-------|
| 67-64-1 | Acetone | ND | 0.20 | 0.034 | ppbv | | ND | 0.48 | ug/m3 |
| 106-99-0 | 1,3-Butadiene | ND | 0.20 | 0.020 | ppbv | | ND | 0.44 | ug/m3 |
| 71-43-2 | Benzene | ND | 0.20 | 0.021 | ppbv | | ND | 0.64 | ug/m3 |
| 75-27-4 | Bromodichloromethane | ND | 0.20 | 0.025 | ppbv | | ND | 1.3 | ug/m3 |
| 75-25-2 | Bromoform | ND | 0.20 | 0.022 | ppbv | | ND | 2.1 | ug/m3 |
| 74-83-9 | Bromomethane | ND | 0.20 | 0.017 | ppbv | | ND | 0.78 | ug/m3 |
| 593-60-2 | Bromoethene | ND | 0.20 | 0.014 | ppbv | | ND | 0.87 | ug/m3 |
| 100-44-7 | Benzyl Chloride | ND | 0.20 | 0.025 | ppbv | | ND | 1.0 | ug/m3 |
| 75-15-0 | Carbon disulfide | ND | 0.20 | 0.017 | ppbv | | ND | 0.62 | ug/m3 |
| 108-90-7 | Chlorobenzene | ND | 0.20 | 0.025 | ppbv | | ND | 0.92 | ug/m3 |
| 75-00-3 | Chloroethane | ND | 0.20 | 0.020 | ppbv | | ND | 0.53 | ug/m3 |
| 67-66-3 | Chloroform | ND | 0.20 | 0.019 | ppbv | | ND | 0.98 | ug/m3 |
| 74-87-3 | Chloromethane | ND | 0.20 | 0.034 | ppbv | | ND | 0.41 | ug/m3 |
| 107-05-1 | 3-Chloropropene | ND | 0.20 | 0.028 | ppbv | | ND | 0.63 | ug/m3 |
| 95-49-8 | 2-Chlorotoluene | ND | 0.20 | 0.020 | ppbv | | ND | 1.0 | ug/m3 |
| 56-23-5 | Carbon tetrachloride | ND | 0.20 | 0.011 | ppbv | | ND | 1.3 | ug/m3 |
| 110-82-7 | Cyclohexane | ND | 0.20 | 0.058 | ppbv | | ND | 0.69 | ug/m3 |
| 75-34-3 | 1,1-Dichloroethane | ND | 0.20 | 0.016 | ppbv | | ND | 0.81 | ug/m3 |
| 75-35-4 | 1,1-Dichloroethylene | ND | 0.20 | 0.021 | ppbv | | ND | 0.79 | ug/m3 |
| 106-93-4 | 1,2-Dibromoethane | ND | 0.20 | 0.027 | ppbv | | ND | 1.5 | ug/m3 |
| 107-06-2 | 1,2-Dichloroethane | ND | 0.20 | 0.016 | ppbv | | ND | 0.81 | ug/m3 |
| 78-87-5 | 1,2-Dichloropropane | ND | 0.20 | 0.040 | ppbv | | ND | 0.92 | ug/m3 |
| 123-91-1 | 1,4-Dioxane | ND | 0.20 | 0.060 | ppbv | | ND | 0.72 | ug/m3 |
| 75-71-8 | Dichlorodifluoromethane | ND | 0.20 | 0.015 | ppbv | | ND | 0.99 | ug/m3 |
| 124-48-1 | Dibromochloromethane | ND | 0.20 | 0.029 | ppbv | | ND | 1.7 | ug/m3 |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | 0.20 | 0.015 | ppbv | | ND | 0.79 | ug/m3 |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | 0.20 | 0.028 | ppbv | | ND | 0.79 | ug/m3 |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 0.20 | 0.019 | ppbv | | ND | 0.91 | ug/m3 |
| 541-73-1 | m-Dichlorobenzene | ND | 0.20 | 0.025 | ppbv | | ND | 1.2 | ug/m3 |
| 95-50-1 | o-Dichlorobenzene | ND | 0.20 | 0.029 | ppbv | | ND | 1.2 | ug/m3 |
| 106-46-7 | p-Dichlorobenzene | ND | 0.20 | 0.022 | ppbv | | ND | 1.2 | ug/m3 |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 0.20 | 0.021 | ppbv | | ND | 0.91 | ug/m3 |
| 64-17-5 | Ethanol | ND | 0.50 | 0.19 | ppbv | | ND | 0.94 | ug/m3 |
| 100-41-4 | Ethylbenzene | ND | 0.20 | 0.020 | ppbv | | ND | 0.87 | ug/m3 |
| 141-78-6 | Ethyl Acetate | ND | 0.20 | 0.057 | ppbv | | ND | 0.72 | ug/m3 |
| 622-96-8 | 4-Ethyltoluene | ND | 0.20 | 0.015 | ppbv | | ND | 0.98 | ug/m3 |

Method Blank Summary

Job Number: JB58217
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| | | | | | | | |
|------------|-----------|----|----------|-----|-----------|------------|------------------|
| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
| V3W1468-MB | 3W38444.D | 1 | 01/22/14 | YMH | n/a | n/a | V3W1468 |

The QC reported here applies to the following samples: Method: TO-15

JB58217-1, JB58217-2, JB58217-3, JB58217-4, JB58217-5, JB58217-6, JB58217-7

| CAS No. | Compound | Result | RL | MDL | Units | Q | Result | RL | Units |
|-----------|---------------------------|--------|-------|-------|-------|---|--------|------|-------|
| 76-13-1 | Freon 113 | ND | 0.20 | 0.021 | ppbv | | ND | 1.5 | ug/m3 |
| 76-14-2 | Freon 114 | ND | 0.20 | 0.021 | ppbv | | ND | 1.4 | ug/m3 |
| 142-82-5 | Heptane | ND | 0.20 | 0.020 | ppbv | | ND | 0.82 | ug/m3 |
| 87-68-3 | Hexachlorobutadiene | ND | 0.20 | 0.063 | ppbv | | ND | 2.1 | ug/m3 |
| 110-54-3 | Hexane | ND | 0.20 | 0.016 | ppbv | | ND | 0.70 | ug/m3 |
| 591-78-6 | 2-Hexanone | ND | 0.20 | 0.025 | ppbv | | ND | 0.82 | ug/m3 |
| 67-63-0 | Isopropyl Alcohol | ND | 0.20 | 0.039 | ppbv | | ND | 0.49 | ug/m3 |
| 75-09-2 | Methylene chloride | ND | 0.20 | 0.047 | ppbv | | ND | 0.69 | ug/m3 |
| 78-93-3 | Methyl ethyl ketone | ND | 0.20 | 0.058 | ppbv | | ND | 0.59 | ug/m3 |
| 108-10-1 | Methyl Isobutyl Ketone | ND | 0.20 | 0.029 | ppbv | | ND | 0.82 | ug/m3 |
| 1634-04-4 | Methyl Tert Butyl Ether | ND | 0.20 | 0.017 | ppbv | | ND | 0.72 | ug/m3 |
| 80-62-6 | Methylmethacrylate | ND | 0.20 | 0.040 | ppbv | | ND | 0.82 | ug/m3 |
| 115-07-1 | Propylene | ND | 0.50 | 0.031 | ppbv | | ND | 0.86 | ug/m3 |
| 100-42-5 | Styrene | ND | 0.20 | 0.020 | ppbv | | ND | 0.85 | ug/m3 |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 0.20 | 0.016 | ppbv | | ND | 1.1 | ug/m3 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 0.20 | 0.030 | ppbv | | ND | 1.4 | ug/m3 |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 0.20 | 0.031 | ppbv | | ND | 1.1 | ug/m3 |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | 0.20 | 0.079 | ppbv | | ND | 1.5 | ug/m3 |
| 95-63-6 | 1,2,4-Trimethylbenzene | ND | 0.20 | 0.017 | ppbv | | ND | 0.98 | ug/m3 |
| 108-67-8 | 1,3,5-Trimethylbenzene | ND | 0.20 | 0.015 | ppbv | | ND | 0.98 | ug/m3 |
| 540-84-1 | 2,2,4-Trimethylpentane | ND | 0.20 | 0.021 | ppbv | | ND | 0.93 | ug/m3 |
| 75-65-0 | Tertiary Butyl Alcohol | ND | 0.20 | 0.044 | ppbv | | ND | 0.61 | ug/m3 |
| 127-18-4 | Tetrachloroethylene | ND | 0.040 | 0.029 | ppbv | | ND | 0.27 | ug/m3 |
| 109-99-9 | Tetrahydrofuran | ND | 0.20 | 0.045 | ppbv | | ND | 0.59 | ug/m3 |
| 108-88-3 | Toluene | ND | 0.20 | 0.020 | ppbv | | ND | 0.75 | ug/m3 |
| 79-01-6 | Trichloroethylene | ND | 0.040 | 0.019 | ppbv | | ND | 0.21 | ug/m3 |
| 75-69-4 | Trichlorofluoromethane | ND | 0.20 | 0.014 | ppbv | | ND | 1.1 | ug/m3 |
| 75-01-4 | Vinyl chloride | ND | 0.20 | 0.017 | ppbv | | ND | 0.51 | ug/m3 |
| 108-05-4 | Vinyl Acetate | ND | 0.20 | 0.058 | ppbv | | ND | 0.70 | ug/m3 |
| | m,p-Xylene | ND | 0.20 | 0.032 | ppbv | | ND | 0.87 | ug/m3 |
| 95-47-6 | o-Xylene | ND | 0.20 | 0.019 | ppbv | | ND | 0.87 | ug/m3 |
| 1330-20-7 | Xylenes (total) | ND | 0.20 | 0.019 | ppbv | | ND | 0.87 | ug/m3 |

Method Blank Summary

Job Number: JB58217

Account: AKRFNYNY AKRF

Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|------------|-----------|----|----------|-----|-----------|------------|------------------|
| V3W1468-MB | 3W38444.D | 1 | 01/22/14 | YMH | n/a | n/a | V3W1468 |

The QC reported here applies to the following samples:

Method: TO-15

JB58217-1, JB58217-2, JB58217-3, JB58217-4, JB58217-5, JB58217-6, JB58217-7

| CAS No. | Surrogate Recoveries | Limits |
|----------|----------------------|-------------|
| 460-00-4 | 4-Bromofluorobenzene | 90% 65-128% |

Method Blank Summary

Job Number: JB58217
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| | | | | | | | |
|-------------|-----------|----|----------|-----|-----------|------------|------------------|
| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
| V3W1450-MB2 | 3W37932.D | 1 | 12/27/13 | YMH | n/a | n/a | V3W1450 |

The QC reported here applies to the following samples:

Method: TO-15

V3W1450-SCC

| CAS No. | Compound | Result | RL | MDL | Units | Q | Result | RL | Units |
|------------|----------------------------|--------|------|-------|-------|---|--------|------|-------|
| 67-64-1 | Acetone | ND | 0.20 | 0.034 | ppbv | | ND | 0.48 | ug/m3 |
| 106-99-0 | 1,3-Butadiene | ND | 0.20 | 0.020 | ppbv | | ND | 0.44 | ug/m3 |
| 71-43-2 | Benzene | ND | 0.20 | 0.021 | ppbv | | ND | 0.64 | ug/m3 |
| 75-27-4 | Bromodichloromethane | ND | 0.20 | 0.025 | ppbv | | ND | 1.3 | ug/m3 |
| 75-25-2 | Bromoform | ND | 0.20 | 0.022 | ppbv | | ND | 2.1 | ug/m3 |
| 74-83-9 | Bromomethane | ND | 0.20 | 0.017 | ppbv | | ND | 0.78 | ug/m3 |
| 593-60-2 | Bromoethene | ND | 0.20 | 0.014 | ppbv | | ND | 0.87 | ug/m3 |
| 100-44-7 | Benzyl Chloride | ND | 0.20 | 0.025 | ppbv | | ND | 1.0 | ug/m3 |
| 75-15-0 | Carbon disulfide | ND | 0.20 | 0.017 | ppbv | | ND | 0.62 | ug/m3 |
| 108-90-7 | Chlorobenzene | ND | 0.20 | 0.025 | ppbv | | ND | 0.92 | ug/m3 |
| 75-00-3 | Chloroethane | ND | 0.20 | 0.020 | ppbv | | ND | 0.53 | ug/m3 |
| 67-66-3 | Chloroform | ND | 0.20 | 0.019 | ppbv | | ND | 0.98 | ug/m3 |
| 74-87-3 | Chloromethane | ND | 0.20 | 0.034 | ppbv | | ND | 0.41 | ug/m3 |
| 107-05-1 | 3-Chloropropene | ND | 0.20 | 0.028 | ppbv | | ND | 0.63 | ug/m3 |
| 95-49-8 | 2-Chlorotoluene | ND | 0.20 | 0.020 | ppbv | | ND | 1.0 | ug/m3 |
| 56-23-5 | Carbon tetrachloride | ND | 0.20 | 0.011 | ppbv | | ND | 1.3 | ug/m3 |
| 110-82-7 | Cyclohexane | ND | 0.20 | 0.058 | ppbv | | ND | 0.69 | ug/m3 |
| 75-34-3 | 1,1-Dichloroethane | ND | 0.20 | 0.016 | ppbv | | ND | 0.81 | ug/m3 |
| 75-35-4 | 1,1-Dichloroethylene | ND | 0.20 | 0.021 | ppbv | | ND | 0.79 | ug/m3 |
| 106-93-4 | 1,2-Dibromoethane | ND | 0.20 | 0.027 | ppbv | | ND | 1.5 | ug/m3 |
| 107-06-2 | 1,2-Dichloroethane | ND | 0.20 | 0.016 | ppbv | | ND | 0.81 | ug/m3 |
| 78-87-5 | 1,2-Dichloropropane | ND | 0.20 | 0.040 | ppbv | | ND | 0.92 | ug/m3 |
| 123-91-1 | 1,4-Dioxane | ND | 0.20 | 0.060 | ppbv | | ND | 0.72 | ug/m3 |
| 75-71-8 | Dichlorodifluoromethane | ND | 0.20 | 0.015 | ppbv | | ND | 0.99 | ug/m3 |
| 124-48-1 | Dibromochloromethane | ND | 0.20 | 0.029 | ppbv | | ND | 1.7 | ug/m3 |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | 0.20 | 0.015 | ppbv | | ND | 0.79 | ug/m3 |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | 0.20 | 0.028 | ppbv | | ND | 0.79 | ug/m3 |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 0.20 | 0.019 | ppbv | | ND | 0.91 | ug/m3 |
| 541-73-1 | m-Dichlorobenzene | ND | 0.20 | 0.025 | ppbv | | ND | 1.2 | ug/m3 |
| 95-50-1 | o-Dichlorobenzene | ND | 0.20 | 0.029 | ppbv | | ND | 1.2 | ug/m3 |
| 106-46-7 | p-Dichlorobenzene | ND | 0.20 | 0.022 | ppbv | | ND | 1.2 | ug/m3 |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 0.20 | 0.021 | ppbv | | ND | 0.91 | ug/m3 |
| 64-17-5 | Ethanol | ND | 0.50 | 0.19 | ppbv | | ND | 0.94 | ug/m3 |
| 100-41-4 | Ethylbenzene | ND | 0.20 | 0.020 | ppbv | | ND | 0.87 | ug/m3 |
| 141-78-6 | Ethyl Acetate | ND | 0.20 | 0.057 | ppbv | | ND | 0.72 | ug/m3 |
| 622-96-8 | 4-Ethyltoluene | ND | 0.20 | 0.015 | ppbv | | ND | 0.98 | ug/m3 |

Method Blank Summary

Job Number: JB58217
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| | | | | | | | |
|-------------|-----------|----|----------|-----|-----------|------------|------------------|
| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
| V3W1450-MB2 | 3W37932.D | 1 | 12/27/13 | YMH | n/a | n/a | V3W1450 |

The QC reported here applies to the following samples:

Method: TO-15

V3W1450-SCC

| CAS No. | Compound | Result | RL | MDL | Units | Q | Result | RL | Units |
|-----------|---------------------------|--------|-------|-------|-------|---|--------|------|-------|
| 76-13-1 | Freon 113 | ND | 0.20 | 0.021 | ppbv | | ND | 1.5 | ug/m3 |
| 76-14-2 | Freon 114 | ND | 0.20 | 0.021 | ppbv | | ND | 1.4 | ug/m3 |
| 142-82-5 | Heptane | ND | 0.20 | 0.020 | ppbv | | ND | 0.82 | ug/m3 |
| 87-68-3 | Hexachlorobutadiene | ND | 0.20 | 0.063 | ppbv | | ND | 2.1 | ug/m3 |
| 110-54-3 | Hexane | ND | 0.20 | 0.016 | ppbv | | ND | 0.70 | ug/m3 |
| 591-78-6 | 2-Hexanone | ND | 0.20 | 0.025 | ppbv | | ND | 0.82 | ug/m3 |
| 67-63-0 | Isopropyl Alcohol | ND | 0.20 | 0.039 | ppbv | | ND | 0.49 | ug/m3 |
| 75-09-2 | Methylene chloride | ND | 0.20 | 0.047 | ppbv | | ND | 0.69 | ug/m3 |
| 78-93-3 | Methyl ethyl ketone | ND | 0.20 | 0.058 | ppbv | | ND | 0.59 | ug/m3 |
| 108-10-1 | Methyl Isobutyl Ketone | ND | 0.20 | 0.029 | ppbv | | ND | 0.82 | ug/m3 |
| 1634-04-4 | Methyl Tert Butyl Ether | ND | 0.20 | 0.017 | ppbv | | ND | 0.72 | ug/m3 |
| 80-62-6 | Methylmethacrylate | ND | 0.20 | 0.040 | ppbv | | ND | 0.82 | ug/m3 |
| 115-07-1 | Propylene | ND | 0.50 | 0.031 | ppbv | | ND | 0.86 | ug/m3 |
| 100-42-5 | Styrene | ND | 0.20 | 0.020 | ppbv | | ND | 0.85 | ug/m3 |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 0.20 | 0.016 | ppbv | | ND | 1.1 | ug/m3 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 0.20 | 0.030 | ppbv | | ND | 1.4 | ug/m3 |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 0.20 | 0.031 | ppbv | | ND | 1.1 | ug/m3 |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | 0.20 | 0.079 | ppbv | | ND | 1.5 | ug/m3 |
| 95-63-6 | 1,2,4-Trimethylbenzene | ND | 0.20 | 0.017 | ppbv | | ND | 0.98 | ug/m3 |
| 108-67-8 | 1,3,5-Trimethylbenzene | ND | 0.20 | 0.015 | ppbv | | ND | 0.98 | ug/m3 |
| 540-84-1 | 2,2,4-Trimethylpentane | ND | 0.20 | 0.021 | ppbv | | ND | 0.93 | ug/m3 |
| 75-65-0 | Tertiary Butyl Alcohol | ND | 0.20 | 0.044 | ppbv | | ND | 0.61 | ug/m3 |
| 127-18-4 | Tetrachloroethylene | ND | 0.040 | 0.029 | ppbv | | ND | 0.27 | ug/m3 |
| 109-99-9 | Tetrahydrofuran | ND | 0.20 | 0.045 | ppbv | | ND | 0.59 | ug/m3 |
| 108-88-3 | Toluene | ND | 0.20 | 0.020 | ppbv | | ND | 0.75 | ug/m3 |
| 79-01-6 | Trichloroethylene | ND | 0.040 | 0.019 | ppbv | | ND | 0.21 | ug/m3 |
| 75-69-4 | Trichlorofluoromethane | ND | 0.20 | 0.014 | ppbv | | ND | 1.1 | ug/m3 |
| 75-01-4 | Vinyl chloride | ND | 0.20 | 0.017 | ppbv | | ND | 0.51 | ug/m3 |
| 108-05-4 | Vinyl Acetate | ND | 0.20 | 0.058 | ppbv | | ND | 0.70 | ug/m3 |
| | m,p-Xylene | ND | 0.20 | 0.032 | ppbv | | ND | 0.87 | ug/m3 |
| 95-47-6 | o-Xylene | ND | 0.20 | 0.019 | ppbv | | ND | 0.87 | ug/m3 |
| 1330-20-7 | Xylenes (total) | ND | 0.20 | 0.019 | ppbv | | ND | 0.87 | ug/m3 |

Method Blank Summary

Job Number: JB58217

Account: AKRFNYNY AKRF

Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|-----------|----|----------|-----|-----------|------------|------------------|
| V3W1450-MB2 | 3W37932.D | 1 | 12/27/13 | YMH | n/a | n/a | V3W1450 |

The QC reported here applies to the following samples:

Method: TO-15

V3W1450-SCC

| CAS No. | Surrogate Recoveries | Limits |
|----------|----------------------|-------------|
| 460-00-4 | 4-Bromofluorobenzene | 96% 65-128% |

Method Blank Summary

Job Number: JB58217
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| | | | | | | | |
|------------|-----------|----|----------|-----|-----------|------------|------------------|
| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
| V3W1463-MB | 3W38308.D | 1 | 01/16/14 | YMH | n/a | n/a | V3W1463 |

The QC reported here applies to the following samples:

Method: TO-15

V3W1463-SCC

| CAS No. | Compound | Result | RL | MDL | Units | Q | Result | RL | Units |
|------------|----------------------------|--------|------|-------|-------|---|--------|------|-------|
| 67-64-1 | Acetone | ND | 0.20 | 0.034 | ppbv | | ND | 0.48 | ug/m3 |
| 106-99-0 | 1,3-Butadiene | ND | 0.20 | 0.020 | ppbv | | ND | 0.44 | ug/m3 |
| 71-43-2 | Benzene | ND | 0.20 | 0.021 | ppbv | | ND | 0.64 | ug/m3 |
| 75-27-4 | Bromodichloromethane | ND | 0.20 | 0.025 | ppbv | | ND | 1.3 | ug/m3 |
| 75-25-2 | Bromoform | ND | 0.20 | 0.022 | ppbv | | ND | 2.1 | ug/m3 |
| 74-83-9 | Bromomethane | ND | 0.20 | 0.017 | ppbv | | ND | 0.78 | ug/m3 |
| 593-60-2 | Bromoethene | ND | 0.20 | 0.014 | ppbv | | ND | 0.87 | ug/m3 |
| 100-44-7 | Benzyl Chloride | ND | 0.20 | 0.025 | ppbv | | ND | 1.0 | ug/m3 |
| 75-15-0 | Carbon disulfide | ND | 0.20 | 0.017 | ppbv | | ND | 0.62 | ug/m3 |
| 108-90-7 | Chlorobenzene | ND | 0.20 | 0.025 | ppbv | | ND | 0.92 | ug/m3 |
| 75-00-3 | Chloroethane | ND | 0.20 | 0.020 | ppbv | | ND | 0.53 | ug/m3 |
| 67-66-3 | Chloroform | ND | 0.20 | 0.019 | ppbv | | ND | 0.98 | ug/m3 |
| 74-87-3 | Chloromethane | ND | 0.20 | 0.034 | ppbv | | ND | 0.41 | ug/m3 |
| 107-05-1 | 3-Chloropropene | ND | 0.20 | 0.028 | ppbv | | ND | 0.63 | ug/m3 |
| 95-49-8 | 2-Chlorotoluene | ND | 0.20 | 0.020 | ppbv | | ND | 1.0 | ug/m3 |
| 56-23-5 | Carbon tetrachloride | ND | 0.20 | 0.011 | ppbv | | ND | 1.3 | ug/m3 |
| 110-82-7 | Cyclohexane | ND | 0.20 | 0.058 | ppbv | | ND | 0.69 | ug/m3 |
| 75-34-3 | 1,1-Dichloroethane | ND | 0.20 | 0.016 | ppbv | | ND | 0.81 | ug/m3 |
| 75-35-4 | 1,1-Dichloroethylene | ND | 0.20 | 0.021 | ppbv | | ND | 0.79 | ug/m3 |
| 106-93-4 | 1,2-Dibromoethane | ND | 0.20 | 0.027 | ppbv | | ND | 1.5 | ug/m3 |
| 107-06-2 | 1,2-Dichloroethane | ND | 0.20 | 0.016 | ppbv | | ND | 0.81 | ug/m3 |
| 78-87-5 | 1,2-Dichloropropane | ND | 0.20 | 0.040 | ppbv | | ND | 0.92 | ug/m3 |
| 123-91-1 | 1,4-Dioxane | ND | 0.20 | 0.060 | ppbv | | ND | 0.72 | ug/m3 |
| 75-71-8 | Dichlorodifluoromethane | ND | 0.20 | 0.015 | ppbv | | ND | 0.99 | ug/m3 |
| 124-48-1 | Dibromochloromethane | ND | 0.20 | 0.029 | ppbv | | ND | 1.7 | ug/m3 |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | 0.20 | 0.015 | ppbv | | ND | 0.79 | ug/m3 |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | 0.20 | 0.028 | ppbv | | ND | 0.79 | ug/m3 |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 0.20 | 0.019 | ppbv | | ND | 0.91 | ug/m3 |
| 541-73-1 | m-Dichlorobenzene | ND | 0.20 | 0.025 | ppbv | | ND | 1.2 | ug/m3 |
| 95-50-1 | o-Dichlorobenzene | ND | 0.20 | 0.029 | ppbv | | ND | 1.2 | ug/m3 |
| 106-46-7 | p-Dichlorobenzene | ND | 0.20 | 0.022 | ppbv | | ND | 1.2 | ug/m3 |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 0.20 | 0.021 | ppbv | | ND | 0.91 | ug/m3 |
| 64-17-5 | Ethanol | ND | 0.50 | 0.19 | ppbv | | ND | 0.94 | ug/m3 |
| 100-41-4 | Ethylbenzene | ND | 0.20 | 0.020 | ppbv | | ND | 0.87 | ug/m3 |
| 141-78-6 | Ethyl Acetate | ND | 0.20 | 0.057 | ppbv | | ND | 0.72 | ug/m3 |
| 622-96-8 | 4-Ethyltoluene | ND | 0.20 | 0.015 | ppbv | | ND | 0.98 | ug/m3 |

Method Blank Summary

Job Number: JB58217
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| | | | | | | | |
|------------|-----------|----|----------|-----|-----------|------------|------------------|
| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
| V3W1463-MB | 3W38308.D | 1 | 01/16/14 | YMH | n/a | n/a | V3W1463 |

The QC reported here applies to the following samples:

Method: TO-15

V3W1463-SCC

| CAS No. | Compound | Result | RL | MDL | Units | Q | Result | RL | Units |
|-----------|---------------------------|--------|-------|-------|-------|---|--------|------|-------|
| 76-13-1 | Freon 113 | ND | 0.20 | 0.021 | ppbv | | ND | 1.5 | ug/m3 |
| 76-14-2 | Freon 114 | ND | 0.20 | 0.021 | ppbv | | ND | 1.4 | ug/m3 |
| 142-82-5 | Heptane | ND | 0.20 | 0.020 | ppbv | | ND | 0.82 | ug/m3 |
| 87-68-3 | Hexachlorobutadiene | ND | 0.20 | 0.063 | ppbv | | ND | 2.1 | ug/m3 |
| 110-54-3 | Hexane | ND | 0.20 | 0.016 | ppbv | | ND | 0.70 | ug/m3 |
| 591-78-6 | 2-Hexanone | ND | 0.20 | 0.025 | ppbv | | ND | 0.82 | ug/m3 |
| 67-63-0 | Isopropyl Alcohol | ND | 0.20 | 0.039 | ppbv | | ND | 0.49 | ug/m3 |
| 75-09-2 | Methylene chloride | ND | 0.20 | 0.047 | ppbv | | ND | 0.69 | ug/m3 |
| 78-93-3 | Methyl ethyl ketone | ND | 0.20 | 0.058 | ppbv | | ND | 0.59 | ug/m3 |
| 108-10-1 | Methyl Isobutyl Ketone | ND | 0.20 | 0.029 | ppbv | | ND | 0.82 | ug/m3 |
| 1634-04-4 | Methyl Tert Butyl Ether | ND | 0.20 | 0.017 | ppbv | | ND | 0.72 | ug/m3 |
| 80-62-6 | Methylmethacrylate | ND | 0.20 | 0.040 | ppbv | | ND | 0.82 | ug/m3 |
| 115-07-1 | Propylene | ND | 0.50 | 0.031 | ppbv | | ND | 0.86 | ug/m3 |
| 100-42-5 | Styrene | ND | 0.20 | 0.020 | ppbv | | ND | 0.85 | ug/m3 |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 0.20 | 0.016 | ppbv | | ND | 1.1 | ug/m3 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 0.20 | 0.030 | ppbv | | ND | 1.4 | ug/m3 |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 0.20 | 0.031 | ppbv | | ND | 1.1 | ug/m3 |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | 0.20 | 0.079 | ppbv | | ND | 1.5 | ug/m3 |
| 95-63-6 | 1,2,4-Trimethylbenzene | ND | 0.20 | 0.017 | ppbv | | ND | 0.98 | ug/m3 |
| 108-67-8 | 1,3,5-Trimethylbenzene | ND | 0.20 | 0.015 | ppbv | | ND | 0.98 | ug/m3 |
| 540-84-1 | 2,2,4-Trimethylpentane | ND | 0.20 | 0.021 | ppbv | | ND | 0.93 | ug/m3 |
| 75-65-0 | Tertiary Butyl Alcohol | ND | 0.20 | 0.044 | ppbv | | ND | 0.61 | ug/m3 |
| 127-18-4 | Tetrachloroethylene | ND | 0.040 | 0.029 | ppbv | | ND | 0.27 | ug/m3 |
| 109-99-9 | Tetrahydrofuran | ND | 0.20 | 0.045 | ppbv | | ND | 0.59 | ug/m3 |
| 108-88-3 | Toluene | ND | 0.20 | 0.020 | ppbv | | ND | 0.75 | ug/m3 |
| 79-01-6 | Trichloroethylene | ND | 0.040 | 0.019 | ppbv | | ND | 0.21 | ug/m3 |
| 75-69-4 | Trichlorofluoromethane | ND | 0.20 | 0.014 | ppbv | | ND | 1.1 | ug/m3 |
| 75-01-4 | Vinyl chloride | ND | 0.20 | 0.017 | ppbv | | ND | 0.51 | ug/m3 |
| 108-05-4 | Vinyl Acetate | ND | 0.20 | 0.058 | ppbv | | ND | 0.70 | ug/m3 |
| | m,p-Xylene | ND | 0.20 | 0.032 | ppbv | | ND | 0.87 | ug/m3 |
| 95-47-6 | o-Xylene | ND | 0.20 | 0.019 | ppbv | | ND | 0.87 | ug/m3 |
| 1330-20-7 | Xylenes (total) | ND | 0.20 | 0.019 | ppbv | | ND | 0.87 | ug/m3 |

Method Blank Summary

Job Number: JB58217

Account: AKRFNYNY AKRF

Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|------------|-----------|----|----------|-----|-----------|------------|------------------|
| V3W1463-MB | 3W38308.D | 1 | 01/16/14 | YMH | n/a | n/a | V3W1463 |

The QC reported here applies to the following samples:

Method: TO-15

V3W1463-SCC

| CAS No. | Surrogate Recoveries | Limits |
|----------|----------------------|-------------|
| 460-00-4 | 4-Bromofluorobenzene | 89% 65-128% |

Blank Spike/Blank Spike Duplicate Summary

Job Number: JB58217
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|-----------|----|----------|-----|-----------|------------|------------------|
| V3W1468-BS | 3W38441.D | 1 | 01/22/14 | YMH | n/a | n/a | V3W1468 |
| V3W1468-BSD | 3W38442.D | 1 | 01/22/14 | YMH | n/a | n/a | V3W1468 |

The QC reported here applies to the following samples:

Method: TO-15

JB58217-1, JB58217-2, JB58217-3, JB58217-4, JB58217-5, JB58217-6, JB58217-7

| CAS No. | Compound | Spike ppbv | BSP ppbv | BSP % | BSD ppbv | BSD % | RPD | Limits Rec/RPD |
|------------|----------------------------|---------------|-------------|----------|-------------|----------|-----|-------------------|
| 67-64-1 | Acetone | 10 | 8.8 | 88 | 8.7 | 87 | 1 | 70-130/30 |
| 106-99-0 | 1,3-Butadiene | 10 | 8.7 | 87 | 8.2 | 82 | 6 | 70-130/30 |
| 71-43-2 | Benzene | 10 | 10.0 | 100 | 10.1 | 101 | 1 | 70-130/30 |
| 75-27-4 | Bromodichloromethane | 10 | 11.0 | 110 | 10.9 | 109 | 1 | 70-130/30 |
| 75-25-2 | Bromoform | 10 | 12.9 | 129 | 13.3 | 133* a | 3 | 70-130/30 |
| 74-83-9 | Bromomethane | 10 | 9.6 | 96 | 9.6 | 96 | 0 | 70-130/30 |
| 593-60-2 | Bromoethene | 10 | 10.2 | 102 | 10.2 | 102 | 0 | 70-130/30 |
| 100-44-7 | Benzyl Chloride | 10 | 11.3 | 113 | 11.5 | 115 | 2 | 70-130/30 |
| 75-15-0 | Carbon disulfide | 10 | 9.8 | 98 | 9.7 | 97 | 1 | 70-130/30 |
| 108-90-7 | Chlorobenzene | 10 | 11.2 | 112 | 11.6 | 116 | 4 | 70-130/30 |
| 75-00-3 | Chloroethane | 10 | 9.2 | 92 | 9.1 | 91 | 1 | 70-130/30 |
| 67-66-3 | Chloroform | 10 | 9.9 | 99 | 9.9 | 99 | 0 | 70-130/30 |
| 74-87-3 | Chloromethane | 10 | 9.3 | 93 | 8.6 | 86 | 8 | 70-130/30 |
| 107-05-1 | 3-Chloropropene | 10 | 10.2 | 102 | 10.2 | 102 | 0 | 70-130/30 |
| 95-49-8 | 2-Chlorotoluene | 10 | 11.7 | 117 | 12.0 | 120 | 3 | 70-130/30 |
| 56-23-5 | Carbon tetrachloride | 10 | 10.6 | 106 | 10.5 | 105 | 1 | 70-130/30 |
| 110-82-7 | Cyclohexane | 10 | 9.9 | 99 | 9.9 | 99 | 0 | 70-130/30 |
| 75-34-3 | 1,1-Dichloroethane | 10 | 9.4 | 94 | 9.3 | 93 | 1 | 70-130/30 |
| 75-35-4 | 1,1-Dichloroethylene | 10 | 10.1 | 101 | 9.9 | 99 | 2 | 70-130/30 |
| 106-93-4 | 1,2-Dibromoethane | 10 | 11.3 | 113 | 11.7 | 117 | 3 | 70-130/30 |
| 107-06-2 | 1,2-Dichloroethane | 10 | 10.2 | 102 | 10.2 | 102 | 0 | 70-130/30 |
| 78-87-5 | 1,2-Dichloropropane | 10 | 10.1 | 101 | 10.1 | 101 | 0 | 70-130/30 |
| 123-91-1 | 1,4-Dioxane | 10 | 8.9 | 89 | 9.3 | 93 | 4 | 70-130/30 |
| 75-71-8 | Dichlorodifluoromethane | 10 | 9.5 | 95 | 9.1 | 91 | 4 | 70-130/30 |
| 124-48-1 | Dibromochloromethane | 10 | 12.5 | 125 | 12.8 | 128 | 2 | 70-130/30 |
| 156-60-5 | trans-1,2-Dichloroethylene | 10 | 10.5 | 105 | 10.4 | 104 | 1 | 70-130/30 |
| 156-59-2 | cis-1,2-Dichloroethylene | 10 | 10.2 | 102 | 10.3 | 103 | 1 | 70-130/30 |
| 10061-01-5 | cis-1,3-Dichloropropene | 10 | 10.9 | 109 | 11.1 | 111 | 2 | 70-130/30 |
| 541-73-1 | m-Dichlorobenzene | 10 | 12.3 | 123 | 12.7 | 127 | 3 | 70-130/30 |
| 95-50-1 | o-Dichlorobenzene | 10 | 12.2 | 122 | 12.5 | 125 | 2 | 70-130/30 |
| 106-46-7 | p-Dichlorobenzene | 10 | 12.0 | 120 | 12.3 | 123 | 2 | 70-130/30 |
| 10061-02-6 | trans-1,3-Dichloropropene | 10 | 11.1 | 111 | 11.2 | 112 | 1 | 70-130/30 |
| 64-17-5 | Ethanol | 10 | 8.3 | 83 | 8.0 | 80 | 4 | 70-130/30 |
| 100-41-4 | Ethylbenzene | 10 | 11.1 | 111 | 11.3 | 113 | 2 | 70-130/30 |
| 141-78-6 | Ethyl Acetate | 10 | 9.3 | 93 | 9.3 | 93 | 0 | 70-130/30 |
| 622-96-8 | 4-Ethyltoluene | 10 | 12.0 | 120 | 12.4 | 124 | 3 | 70-130/30 |

* = Outside of Control Limits.

Blank Spike/Blank Spike Duplicate Summary

Job Number: JB58217
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|-----------|----|----------|-----|-----------|------------|------------------|
| V3W1468-BS | 3W38441.D | 1 | 01/22/14 | YMH | n/a | n/a | V3W1468 |
| V3W1468-BSD | 3W38442.D | 1 | 01/22/14 | YMH | n/a | n/a | V3W1468 |

The QC reported here applies to the following samples: Method: TO-15

JB58217-1, JB58217-2, JB58217-3, JB58217-4, JB58217-5, JB58217-6, JB58217-7

| CAS No. | Compound | Spike ppbv | BSP ppbv | BSP % | BSD ppbv | BSD % | RPD | Limits Rec/RPD |
|-----------|---------------------------|---------------|-------------|----------|-------------|----------|-----|-------------------|
| 76-13-1 | Freon 113 | 10 | 10.9 | 109 | 10.8 | 108 | 1 | 70-130/30 |
| 76-14-2 | Freon 114 | 10 | 9.4 | 94 | 9.0 | 90 | 4 | 70-130/30 |
| 142-82-5 | Heptane | 10 | 9.0 | 90 | 8.9 | 89 | 1 | 70-130/30 |
| 87-68-3 | Hexachlorobutadiene | 10 | 13.3 | 133* a | 13.5 | 135* a | 1 | 70-130/30 |
| 110-54-3 | Hexane | 10 | 9.2 | 92 | 9.2 | 92 | 0 | 70-130/30 |
| 591-78-6 | 2-Hexanone | 10 | 9.7 | 97 | 10.0 | 100 | 3 | 70-130/30 |
| 67-63-0 | Isopropyl Alcohol | 10 | 8.5 | 85 | 8.2 | 82 | 4 | 70-130/30 |
| 75-09-2 | Methylene chloride | 10 | 9.6 | 96 | 9.6 | 96 | 0 | 70-130/30 |
| 78-93-3 | Methyl ethyl ketone | 10 | 9.0 | 90 | 9.2 | 92 | 2 | 70-130/30 |
| 108-10-1 | Methyl Isobutyl Ketone | 10 | 9.8 | 98 | 10 | 100 | 2 | 70-130/30 |
| 1634-04-4 | Methyl Tert Butyl Ether | 10 | 9.3 | 93 | 9.4 | 94 | 1 | 70-130/30 |
| 80-62-6 | Methylmethacrylate | 10 | 10.4 | 104 | 10.3 | 103 | 1 | 70-130/30 |
| 115-07-1 | Propylene | 10 | 9.3 | 93 | 8.8 | 88 | 6 | 70-130/30 |
| 100-42-5 | Styrene | 10 | 11.8 | 118 | 12.2 | 122 | 3 | 70-130/30 |
| 71-55-6 | 1,1,1-Trichloroethane | 10 | 10.1 | 101 | 10.0 | 100 | 1 | 70-130/30 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 10 | 11.0 | 110 | 11.5 | 115 | 4 | 70-130/30 |
| 79-00-5 | 1,1,2-Trichloroethane | 10 | 10.5 | 105 | 10.7 | 107 | 2 | 70-130/30 |
| 120-82-1 | 1,2,4-Trichlorobenzene | 10 | 12.5 | 125 | 12.6 | 126 | 1 | 70-130/30 |
| 95-63-6 | 1,2,4-Trimethylbenzene | 10 | 12.1 | 121 | 12.3 | 123 | 2 | 70-130/30 |
| 108-67-8 | 1,3,5-Trimethylbenzene | 10 | 11.9 | 119 | 12.1 | 121 | 2 | 70-130/30 |
| 540-84-1 | 2,2,4-Trimethylpentane | 10 | 9.6 | 96 | 9.5 | 95 | 1 | 70-130/30 |
| 75-65-0 | Tertiary Butyl Alcohol | 10 | 9.3 | 93 | 9.2 | 92 | 1 | 70-130/30 |
| 127-18-4 | Tetrachloroethylene | 10 | 11.3 | 113 | 11.8 | 118 | 4 | 70-130/30 |
| 109-99-9 | Tetrahydrofuran | 10 | 9.5 | 95 | 9.7 | 97 | 2 | 70-130/30 |
| 108-88-3 | Toluene | 10 | 10.5 | 105 | 10.7 | 107 | 2 | 70-130/30 |
| 79-01-6 | Trichloroethylene | 10 | 10.2 | 102 | 10.2 | 102 | 0 | 70-130/30 |
| 75-69-4 | Trichlorofluoromethane | 10 | 10.4 | 104 | 10.0 | 100 | 4 | 70-130/30 |
| 75-01-4 | Vinyl chloride | 10 | 9.2 | 92 | 8.7 | 87 | 6 | 70-130/30 |
| 108-05-4 | Vinyl Acetate | 10 | 9.7 | 97 | 10 | 100 | 3 | 70-130/30 |
| | m,p-Xylene | 20 | 22.9 | 115 | 23.6 | 118 | 3 | 70-130/30 |
| 95-47-6 | o-Xylene | 10 | 11.4 | 114 | 11.8 | 118 | 3 | 70-130/30 |
| 1330-20-7 | Xylenes (total) | 30 | 34.3 | 114 | 35.4 | 118 | 3 | 70-130/30 |

* = Outside of Control Limits.

Blank Spike/Blank Spike Duplicate Summary

Job Number: JB58217

Account: AKRFNYNY AKRF

Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|-----------|----|----------|-----|-----------|------------|------------------|
| V3W1468-BS | 3W38441.D | 1 | 01/22/14 | YMH | n/a | n/a | V3W1468 |
| V3W1468-BSD | 3W38442.D | 1 | 01/22/14 | YMH | n/a | n/a | V3W1468 |

The QC reported here applies to the following samples:

Method: TO-15

JB58217-1, JB58217-2, JB58217-3, JB58217-4, JB58217-5, JB58217-6, JB58217-7

| CAS No. | Surrogate Recoveries | BSP | BSD | Limits |
|----------|----------------------|------|------|---------|
| 460-00-4 | 4-Bromofluorobenzene | 105% | 106% | 65-128% |

(a) High percent recoveries and no associated positive found in the QC batch.

* = Outside of Control Limits.

Blank Spike/Blank Spike Duplicate Summary

Job Number: JB58217
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------------|-----------|----|----------|-----|-----------|------------|------------------|
| V3W1450-BS2 | 3W37929.D | 1 | 12/27/13 | YMH | n/a | n/a | V3W1450 |
| V3W1450-BSD2 | 3W37930.D | 1 | 12/27/13 | YMH | n/a | n/a | V3W1450 |

The QC reported here applies to the following samples:

Method: TO-15

V3W1450-SCC

| CAS No. | Compound | Spike ppbv | BSP ppbv | BSP % | BSD ppbv | BSD % | RPD | Limits Rec/RPD |
|------------|----------------------------|---------------|-------------|----------|-------------|----------|-----|-------------------|
| 67-64-1 | Acetone | 10 | 9.6 | 96 | 10 | 100 | 4 | 70-130/30 |
| 106-99-0 | 1,3-Butadiene | 10 | 9.5 | 95 | 9.5 | 95 | 0 | 70-130/30 |
| 71-43-2 | Benzene | 10 | 9.7 | 97 | 9.7 | 97 | 0 | 70-130/30 |
| 75-27-4 | Bromodichloromethane | 10 | 9.9 | 99 | 9.9 | 99 | 0 | 70-130/30 |
| 75-25-2 | Bromoform | 10 | 11.3 | 113 | 11.5 | 115 | 2 | 70-130/30 |
| 74-83-9 | Bromomethane | 10 | 10.3 | 103 | 10.3 | 103 | 0 | 70-130/30 |
| 593-60-2 | Bromoethene | 10 | 10.6 | 106 | 10.8 | 108 | 2 | 70-130/30 |
| 100-44-7 | Benzyl Chloride | 10 | 11.4 | 114 | 11.5 | 115 | 1 | 70-130/30 |
| 75-15-0 | Carbon disulfide | 10 | 10.0 | 100 | 10.0 | 100 | 0 | 70-130/30 |
| 108-90-7 | Chlorobenzene | 10 | 10.9 | 109 | 11.0 | 110 | 1 | 70-130/30 |
| 75-00-3 | Chloroethane | 10 | 10.2 | 102 | 10.4 | 104 | 2 | 70-130/30 |
| 67-66-3 | Chloroform | 10 | 9.9 | 99 | 10.2 | 102 | 3 | 70-130/30 |
| 74-87-3 | Chloromethane | 10 | 10.5 | 105 | 10.3 | 103 | 2 | 70-130/30 |
| 107-05-1 | 3-Chloropropene | 10 | 10.3 | 103 | 10.6 | 106 | 3 | 70-130/30 |
| 95-49-8 | 2-Chlorotoluene | 10 | 11.5 | 115 | 11.6 | 116 | 1 | 70-130/30 |
| 56-23-5 | Carbon tetrachloride | 10 | 10.5 | 105 | 10.7 | 107 | 2 | 70-130/30 |
| 110-82-7 | Cyclohexane | 10 | 10.3 | 103 | 10.3 | 103 | 0 | 70-130/30 |
| 75-34-3 | 1,1-Dichloroethane | 10 | 9.6 | 96 | 9.8 | 98 | 2 | 70-130/30 |
| 75-35-4 | 1,1-Dichloroethylene | 10 | 10 | 100 | 10.2 | 102 | 2 | 70-130/30 |
| 106-93-4 | 1,2-Dibromoethane | 10 | 10.9 | 109 | 11.0 | 110 | 1 | 70-130/30 |
| 107-06-2 | 1,2-Dichloroethane | 10 | 10.2 | 102 | 10.6 | 106 | 4 | 70-130/30 |
| 78-87-5 | 1,2-Dichloropropane | 10 | 9.0 | 90 | 9.0 | 90 | 0 | 70-130/30 |
| 123-91-1 | 1,4-Dioxane | 10 | 10.0 | 100 | 9.0 | 90 | 11 | 70-130/30 |
| 75-71-8 | Dichlorodifluoromethane | 10 | 10.9 | 109 | 10.9 | 109 | 0 | 70-130/30 |
| 124-48-1 | Dibromochloromethane | 10 | 11.0 | 110 | 11.1 | 111 | 1 | 70-130/30 |
| 156-60-5 | trans-1,2-Dichloroethylene | 10 | 10.5 | 105 | 10.5 | 105 | 0 | 70-130/30 |
| 156-59-2 | cis-1,2-Dichloroethylene | 10 | 10.1 | 101 | 10.2 | 102 | 1 | 70-130/30 |
| 10061-01-5 | cis-1,3-Dichloropropene | 10 | 10.0 | 100 | 10.2 | 102 | 2 | 70-130/30 |
| 541-73-1 | m-Dichlorobenzene | 10 | 11.9 | 119 | 12.1 | 121 | 2 | 70-130/30 |
| 95-50-1 | o-Dichlorobenzene | 10 | 11.7 | 117 | 11.8 | 118 | 1 | 70-130/30 |
| 106-46-7 | p-Dichlorobenzene | 10 | 11.6 | 116 | 11.7 | 117 | 1 | 70-130/30 |
| 10061-02-6 | trans-1,3-Dichloropropene | 10 | 10.5 | 105 | 10.6 | 106 | 1 | 70-130/30 |
| 64-17-5 | Ethanol | 10 | 9.6 | 96 | 9.6 | 96 | 0 | 70-130/30 |
| 100-41-4 | Ethylbenzene | 10 | 10.1 | 101 | 10.3 | 103 | 2 | 70-130/30 |
| 141-78-6 | Ethyl Acetate | 10 | 9.6 | 96 | 9.9 | 99 | 3 | 70-130/30 |
| 622-96-8 | 4-Ethyltoluene | 10 | 11.4 | 114 | 11.6 | 116 | 2 | 70-130/30 |

* = Outside of Control Limits.

Blank Spike/Blank Spike Duplicate Summary

Job Number: JB58217
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------------|-----------|----|----------|-----|-----------|------------|------------------|
| V3W1450-BS2 | 3W37929.D | 1 | 12/27/13 | YMH | n/a | n/a | V3W1450 |
| V3W1450-BSD2 | 3W37930.D | 1 | 12/27/13 | YMH | n/a | n/a | V3W1450 |

The QC reported here applies to the following samples:

Method: TO-15

V3W1450-SCC

| CAS No. | Compound | Spike ppbv | BSP ppbv | BSP % | BSD ppbv | BSD % | RPD | Limits Rec/RPD |
|-----------|---------------------------|---------------|-------------|----------|-------------|----------|-----|-------------------|
| 76-13-1 | Freon 113 | 10 | 10.7 | 107 | 10.9 | 109 | 2 | 70-130/30 |
| 76-14-2 | Freon 114 | 10 | 10.4 | 104 | 10.3 | 103 | 1 | 70-130/30 |
| 142-82-5 | Heptane | 10 | 9.3 | 93 | 9.3 | 93 | 0 | 70-130/30 |
| 87-68-3 | Hexachlorobutadiene | 10 | 10.8 | 108 | 12.4 | 124 | 14 | 70-130/30 |
| 110-54-3 | Hexane | 10 | 10 | 100 | 10 | 100 | 0 | 70-130/30 |
| 591-78-6 | 2-Hexanone | 10 | 11.3 | 113 | 10.6 | 106 | 6 | 70-130/30 |
| 67-63-0 | Isopropyl Alcohol | 10 | 9.5 | 95 | 9.6 | 96 | 1 | 70-130/30 |
| 75-09-2 | Methylene chloride | 10 | 11.1 | 111 | 10.8 | 108 | 3 | 70-130/30 |
| 78-93-3 | Methyl ethyl ketone | 10 | 9.9 | 99 | 10.1 | 101 | 2 | 70-130/30 |
| 108-10-1 | Methyl Isobutyl Ketone | 10 | 10.3 | 103 | 9.8 | 98 | 5 | 70-130/30 |
| 1634-04-4 | Methyl Tert Butyl Ether | 10 | 9.4 | 94 | 9.7 | 97 | 3 | 70-130/30 |
| 80-62-6 | Methylmethacrylate | 10 | 9.6 | 96 | 9.7 | 97 | 1 | 70-130/30 |
| 115-07-1 | Propylene | 10 | 10.5 | 105 | 10.5 | 105 | 0 | 70-130/30 |
| 100-42-5 | Styrene | 10 | 10.9 | 109 | 11.1 | 111 | 2 | 70-130/30 |
| 71-55-6 | 1,1,1-Trichloroethane | 10 | 10.0 | 100 | 10.3 | 103 | 3 | 70-130/30 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 10 | 10.1 | 101 | 10.2 | 102 | 1 | 70-130/30 |
| 79-00-5 | 1,1,2-Trichloroethane | 10 | 10.1 | 101 | 10.1 | 101 | 0 | 70-130/30 |
| 120-82-1 | 1,2,4-Trichlorobenzene | 10 | 13.1 | 131* a | 13.9 | 139* a | 6 | 70-130/30 |
| 95-63-6 | 1,2,4-Trimethylbenzene | 10 | 11.2 | 112 | 11.3 | 113 | 1 | 70-130/30 |
| 108-67-8 | 1,3,5-Trimethylbenzene | 10 | 10.8 | 108 | 10.9 | 109 | 1 | 70-130/30 |
| 540-84-1 | 2,2,4-Trimethylpentane | 10 | 9.3 | 93 | 9.4 | 94 | 1 | 70-130/30 |
| 75-65-0 | Tertiary Butyl Alcohol | 10 | 10.5 | 105 | 10.3 | 103 | 2 | 70-130/30 |
| 127-18-4 | Tetrachloroethylene | 10 | 10.6 | 106 | 10.7 | 107 | 1 | 70-130/30 |
| 109-99-9 | Tetrahydrofuran | 10 | 9.9 | 99 | 10.2 | 102 | 3 | 70-130/30 |
| 108-88-3 | Toluene | 10 | 10.0 | 100 | 10.1 | 101 | 1 | 70-130/30 |
| 79-01-6 | Trichloroethylene | 10 | 9.8 | 98 | 9.8 | 98 | 0 | 70-130/30 |
| 75-69-4 | Trichlorofluoromethane | 10 | 10.7 | 107 | 10.8 | 108 | 1 | 70-130/30 |
| 75-01-4 | Vinyl chloride | 10 | 10.2 | 102 | 10.5 | 105 | 3 | 70-130/30 |
| 108-05-4 | Vinyl Acetate | 10 | 9.6 | 96 | 10.1 | 101 | 5 | 70-130/30 |
| | m,p-Xylene | 20 | 21.4 | 107 | 21.8 | 109 | 2 | 70-130/30 |
| 95-47-6 | o-Xylene | 10 | 10.8 | 108 | 10.9 | 109 | 1 | 70-130/30 |
| 1330-20-7 | Xylenes (total) | 30 | 32.2 | 107 | 32.6 | 109 | 1 | 70-130/30 |

* = Outside of Control Limits.

Blank Spike/Blank Spike Duplicate Summary

Job Number: JB58217

Account: AKRFNYNY AKRF

Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------------|-----------|----|----------|-----|-----------|------------|------------------|
| V3W1450-BS2 | 3W37929.D | 1 | 12/27/13 | YMH | n/a | n/a | V3W1450 |
| V3W1450-BSD2 | 3W37930.D | 1 | 12/27/13 | YMH | n/a | n/a | V3W1450 |

The QC reported here applies to the following samples:

Method: TO-15

V3W1450-SCC

| CAS No. | Surrogate Recoveries | BSP | BSD | Limits |
|----------|----------------------|------|------|---------|
| 460-00-4 | 4-Bromofluorobenzene | 106% | 107% | 65-128% |

(a) High percent recoveries and no associated positive found in the QC batch.

* = Outside of Control Limits.

Blank Spike/Blank Spike Duplicate Summary

Job Number: JB58217
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|-----------|----|----------|-----|-----------|------------|------------------|
| V3W1463-BS | 3W38305.D | 1 | 01/16/14 | YMH | n/a | n/a | V3W1463 |
| V3W1463-BSD | 3W38306.D | 1 | 01/16/14 | YMH | n/a | n/a | V3W1463 |

The QC reported here applies to the following samples:

Method: TO-15

V3W1463-SCC

| CAS No. | Compound | Spike ppbv | BSP ppbv | BSP % | BSD ppbv | BSD % | RPD | Limits Rec/RPD |
|------------|----------------------------|---------------|-------------|----------|-------------|----------|-----|-------------------|
| 67-64-1 | Acetone | 10 | 9.2 | 92 | 9.2 | 92 | 0 | 70-130/30 |
| 106-99-0 | 1,3-Butadiene | 10 | 9.7 | 97 | 9.4 | 94 | 3 | 70-130/30 |
| 71-43-2 | Benzene | 10 | 10.4 | 104 | 10.4 | 104 | 0 | 70-130/30 |
| 75-27-4 | Bromodichloromethane | 10 | 11.2 | 112 | 11.2 | 112 | 0 | 70-130/30 |
| 75-25-2 | Bromoform | 10 | 11.2 | 112 | 11.4 | 114 | 2 | 70-130/30 |
| 74-83-9 | Bromomethane | 10 | 9.5 | 95 | 9.3 | 93 | 2 | 70-130/30 |
| 593-60-2 | Bromoethene | 10 | 9.9 | 99 | 9.8 | 98 | 1 | 70-130/30 |
| 100-44-7 | Benzyl Chloride | 10 | 10.9 | 109 | 11.0 | 110 | 1 | 70-130/30 |
| 75-15-0 | Carbon disulfide | 10 | 9.9 | 99 | 9.6 | 96 | 3 | 70-130/30 |
| 108-90-7 | Chlorobenzene | 10 | 10.4 | 104 | 10.6 | 106 | 2 | 70-130/30 |
| 75-00-3 | Chloroethane | 10 | 9.5 | 95 | 9.4 | 94 | 1 | 70-130/30 |
| 67-66-3 | Chloroform | 10 | 10.4 | 104 | 10.4 | 104 | 0 | 70-130/30 |
| 74-87-3 | Chloromethane | 10 | 10.2 | 102 | 9.7 | 97 | 5 | 70-130/30 |
| 107-05-1 | 3-Chloropropene | 10 | 10.4 | 104 | 10.2 | 102 | 2 | 70-130/30 |
| 95-49-8 | 2-Chlorotoluene | 10 | 10.6 | 106 | 10.8 | 108 | 2 | 70-130/30 |
| 56-23-5 | Carbon tetrachloride | 10 | 10.7 | 107 | 10.6 | 106 | 1 | 70-130/30 |
| 110-82-7 | Cyclohexane | 10 | 10.4 | 104 | 10.2 | 102 | 2 | 70-130/30 |
| 75-34-3 | 1,1-Dichloroethane | 10 | 10.3 | 103 | 10.2 | 102 | 1 | 70-130/30 |
| 75-35-4 | 1,1-Dichloroethylene | 10 | 9.7 | 97 | 9.6 | 96 | 1 | 70-130/30 |
| 106-93-4 | 1,2-Dibromoethane | 10 | 10.5 | 105 | 10.6 | 106 | 1 | 70-130/30 |
| 107-06-2 | 1,2-Dichloroethane | 10 | 10.9 | 109 | 11.0 | 110 | 1 | 70-130/30 |
| 78-87-5 | 1,2-Dichloropropane | 10 | 10.9 | 109 | 10.8 | 108 | 1 | 70-130/30 |
| 123-91-1 | 1,4-Dioxane | 10 | 9.5 | 95 | 9.8 | 98 | 3 | 70-130/30 |
| 75-71-8 | Dichlorodifluoromethane | 10 | 9.8 | 98 | 9.4 | 94 | 4 | 70-130/30 |
| 124-48-1 | Dibromochloromethane | 10 | 11.4 | 114 | 11.5 | 115 | 1 | 70-130/30 |
| 156-60-5 | trans-1,2-Dichloroethylene | 10 | 10.3 | 103 | 10.3 | 103 | 0 | 70-130/30 |
| 156-59-2 | cis-1,2-Dichloroethylene | 10 | 10.4 | 104 | 10.4 | 104 | 0 | 70-130/30 |
| 10061-01-5 | cis-1,3-Dichloropropene | 10 | 11.5 | 115 | 11.5 | 115 | 0 | 70-130/30 |
| 541-73-1 | m-Dichlorobenzene | 10 | 11.0 | 110 | 11.1 | 111 | 1 | 70-130/30 |
| 95-50-1 | o-Dichlorobenzene | 10 | 10.9 | 109 | 11.0 | 110 | 1 | 70-130/30 |
| 106-46-7 | p-Dichlorobenzene | 10 | 10.6 | 106 | 10.8 | 108 | 2 | 70-130/30 |
| 10061-02-6 | trans-1,3-Dichloropropene | 10 | 11.5 | 115 | 11.6 | 116 | 1 | 70-130/30 |
| 64-17-5 | Ethanol | 10 | 8.4 | 84 | 8.4 | 84 | 0 | 70-130/30 |
| 100-41-4 | Ethylbenzene | 10 | 10.6 | 106 | 10.8 | 108 | 2 | 70-130/30 |
| 141-78-6 | Ethyl Acetate | 10 | 10.6 | 106 | 10.6 | 106 | 0 | 70-130/30 |
| 622-96-8 | 4-Ethyltoluene | 10 | 11.4 | 114 | 11.5 | 115 | 1 | 70-130/30 |

* = Outside of Control Limits.

Blank Spike/Blank Spike Duplicate Summary

Job Number: JB58217
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|-----------|----|----------|-----|-----------|------------|------------------|
| V3W1463-BS | 3W38305.D | 1 | 01/16/14 | YMH | n/a | n/a | V3W1463 |
| V3W1463-BSD | 3W38306.D | 1 | 01/16/14 | YMH | n/a | n/a | V3W1463 |

The QC reported here applies to the following samples:

Method: TO-15

V3W1463-SCC

| CAS No. | Compound | Spike ppbv | BSP ppbv | BSP % | BSD ppbv | BSD % | RPD | Limits Rec/RPD |
|-----------|---------------------------|---------------|-------------|----------|-------------|----------|-----|-------------------|
| 76-13-1 | Freon 113 | 10 | 9.9 | 99 | 9.9 | 99 | 0 | 70-130/30 |
| 76-14-2 | Freon 114 | 10 | 9.5 | 95 | 9.3 | 93 | 2 | 70-130/30 |
| 142-82-5 | Heptane | 10 | 10.4 | 104 | 10.2 | 102 | 2 | 70-130/30 |
| 87-68-3 | Hexachlorobutadiene | 10 | 11.5 | 115 | 11.5 | 115 | 0 | 70-130/30 |
| 110-54-3 | Hexane | 10 | 10.4 | 104 | 10.3 | 103 | 1 | 70-130/30 |
| 591-78-6 | 2-Hexanone | 10 | 10.2 | 102 | 10.4 | 104 | 2 | 70-130/30 |
| 67-63-0 | Isopropyl Alcohol | 10 | 9.1 | 91 | 8.9 | 89 | 2 | 70-130/30 |
| 75-09-2 | Methylene chloride | 10 | 9.3 | 93 | 8.8 | 88 | 6 | 70-130/30 |
| 78-93-3 | Methyl ethyl ketone | 10 | 9.9 | 99 | 10 | 100 | 1 | 70-130/30 |
| 108-10-1 | Methyl Isobutyl Ketone | 10 | 11.1 | 111 | 11.0 | 110 | 1 | 70-130/30 |
| 1634-04-4 | Methyl Tert Butyl Ether | 10 | 10.1 | 101 | 10.2 | 102 | 1 | 70-130/30 |
| 80-62-6 | Methylmethacrylate | 10 | 11.2 | 112 | 11.2 | 112 | 0 | 70-130/30 |
| 115-07-1 | Propylene | 10 | 10.4 | 104 | 10.0 | 100 | 4 | 70-130/30 |
| 100-42-5 | Styrene | 10 | 11.2 | 112 | 11.4 | 114 | 2 | 70-130/30 |
| 71-55-6 | 1,1,1-Trichloroethane | 10 | 10.5 | 105 | 10.3 | 103 | 2 | 70-130/30 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 10 | 10.6 | 106 | 10.8 | 108 | 2 | 70-130/30 |
| 79-00-5 | 1,1,2-Trichloroethane | 10 | 10.8 | 108 | 10.8 | 108 | 0 | 70-130/30 |
| 120-82-1 | 1,2,4-Trichlorobenzene | 10 | 11.0 | 110 | 11.1 | 111 | 1 | 70-130/30 |
| 95-63-6 | 1,2,4-Trimethylbenzene | 10 | 11.4 | 114 | 11.6 | 116 | 2 | 70-130/30 |
| 108-67-8 | 1,3,5-Trimethylbenzene | 10 | 11.2 | 112 | 11.3 | 113 | 1 | 70-130/30 |
| 540-84-1 | 2,2,4-Trimethylpentane | 10 | 10.6 | 106 | 10.5 | 105 | 1 | 70-130/30 |
| 75-65-0 | Tertiary Butyl Alcohol | 10 | 9.9 | 99 | 9.6 | 96 | 3 | 70-130/30 |
| 127-18-4 | Tetrachloroethylene | 10 | 10 | 100 | 10.2 | 102 | 2 | 70-130/30 |
| 109-99-9 | Tetrahydrofuran | 10 | 10.3 | 103 | 10.6 | 106 | 3 | 70-130/30 |
| 108-88-3 | Toluene | 10 | 10.7 | 107 | 10.8 | 108 | 1 | 70-130/30 |
| 79-01-6 | Trichloroethylene | 10 | 10.3 | 103 | 10.3 | 103 | 0 | 70-130/30 |
| 75-69-4 | Trichlorofluoromethane | 10 | 9.9 | 99 | 9.6 | 96 | 3 | 70-130/30 |
| 75-01-4 | Vinyl chloride | 10 | 9.9 | 99 | 9.7 | 97 | 2 | 70-130/30 |
| 108-05-4 | Vinyl Acetate | 10 | 10.0 | 100 | 10.4 | 104 | 4 | 70-130/30 |
| | m,p-Xylene | 20 | 21.6 | 108 | 22.0 | 110 | 2 | 70-130/30 |
| 95-47-6 | o-Xylene | 10 | 10.8 | 108 | 11.0 | 110 | 2 | 70-130/30 |
| 1330-20-7 | Xylenes (total) | 30 | 32.3 | 108 | 33.0 | 110 | 2 | 70-130/30 |

* = Outside of Control Limits.

Blank Spike/Blank Spike Duplicate Summary

Job Number: JB58217

Account: AKRFNYNY AKRF

Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|-----------|----|----------|-----|-----------|------------|------------------|
| V3W1463-BS | 3W38305.D | 1 | 01/16/14 | YMH | n/a | n/a | V3W1463 |
| V3W1463-BSD | 3W38306.D | 1 | 01/16/14 | YMH | n/a | n/a | V3W1463 |

The QC reported here applies to the following samples:

Method: TO-15

V3W1463-SCC

| CAS No. | Surrogate Recoveries | BSP | BSD | Limits |
|----------|----------------------|------|------|---------|
| 460-00-4 | 4-Bromofluorobenzene | 102% | 103% | 65-128% |

* = Outside of Control Limits.

Duplicate Summary

Job Number: JB58217
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------------|-----------|----|----------|-----|-----------|------------|------------------|
| JB58217-2DUP | 3W38452.D | 1 | 01/22/14 | YMH | n/a | n/a | V3W1468 |
| JB58217-2 | 3W38451.D | 1 | 01/22/14 | YMH | n/a | n/a | V3W1468 |

The QC reported here applies to the following samples: Method: TO-15

JB58217-1, JB58217-2, JB58217-3, JB58217-4, JB58217-5, JB58217-6, JB58217-7

| CAS No. | Compound | JB58217-2 ppbv | DUP Q | ppbv | Q | RPD | Limits |
|------------|----------------------------|-------------------|----------|-------|---|-----|--------|
| 67-64-1 | Acetone | 36.6 | | 35.7 | | 2 | 27 |
| 106-99-0 | 1,3-Butadiene | ND | | ND | | nc | 20 |
| 71-43-2 | Benzene | 0.60 | | 0.60 | | 0 | 17 |
| 75-27-4 | Bromodichloromethane | ND | | ND | | nc | 20 |
| 75-25-2 | Bromoform | ND | | ND | | nc | 20 |
| 74-83-9 | Bromomethane | ND | | ND | | nc | 20 |
| 593-60-2 | Bromoethene | ND | | ND | | nc | 30 |
| 100-44-7 | Benzyl Chloride | ND | | ND | | nc | 20 |
| 75-15-0 | Carbon disulfide | 0.59 | | 0.57 | | 3 | 11 |
| 108-90-7 | Chlorobenzene | ND | | ND | | nc | 20 |
| 75-00-3 | Chloroethane | ND | | ND | | nc | 20 |
| 67-66-3 | Chloroform | ND | | ND | | nc | 12 |
| 74-87-3 | Chloromethane | 0.12 | J | 0.12 | J | 0 | 22 |
| 107-05-1 | 3-Chloropropene | ND | | ND | | nc | 10 |
| 95-49-8 | 2-Chlorotoluene | ND | | ND | | nc | 20 |
| 56-23-5 | Carbon tetrachloride | ND | | ND | | nc | 10 |
| 110-82-7 | Cyclohexane | ND | | ND | | nc | 12 |
| 75-34-3 | 1,1-Dichloroethane | ND | | ND | | nc | 20 |
| 75-35-4 | 1,1-Dichloroethylene | ND | | ND | | nc | 20 |
| 106-93-4 | 1,2-Dibromoethane | ND | | ND | | nc | 20 |
| 107-06-2 | 1,2-Dichloroethane | ND | | ND | | nc | 20 |
| 78-87-5 | 1,2-Dichloropropane | ND | | ND | | nc | 20 |
| 123-91-1 | 1,4-Dioxane | ND | | ND | | nc | 20 |
| 75-71-8 | Dichlorodifluoromethane | 0.77 | | 0.73 | | 5 | 22 |
| 124-48-1 | Dibromochloromethane | ND | | ND | | nc | 20 |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | | ND | | nc | 10 |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | | ND | | nc | 10 |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | | ND | | nc | 20 |
| 541-73-1 | m-Dichlorobenzene | ND | | ND | | nc | 20 |
| 95-50-1 | o-Dichlorobenzene | ND | | ND | | nc | 10 |
| 106-46-7 | p-Dichlorobenzene | ND | | ND | | nc | 20 |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | | ND | | nc | 20 |
| 64-17-5 | Ethanol | 143 | E | 142 | E | 1 | 33 |
| 100-41-4 | Ethylbenzene | 0.54 | | 0.54 | | 0 | 15 |
| 141-78-6 | Ethyl Acetate | 1.0 | | 1.0 | | 0 | 20 |
| 622-96-8 | 4-Ethyltoluene | 0.096 | J | 0.095 | J | 1 | 13 |

* = Outside of Control Limits.

Duplicate Summary

Job Number: JB58217
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------------|-----------|----|----------|-----|-----------|------------|------------------|
| JB58217-2DUP | 3W38452.D | 1 | 01/22/14 | YMH | n/a | n/a | V3W1468 |
| JB58217-2 | 3W38451.D | 1 | 01/22/14 | YMH | n/a | n/a | V3W1468 |

The QC reported here applies to the following samples: Method: TO-15

JB58217-1, JB58217-2, JB58217-3, JB58217-4, JB58217-5, JB58217-6, JB58217-7

| CAS No. | Compound | JB58217-2 ppbv | DUP Q | ppbv | Q | RPD | Limits |
|-----------|---------------------------|-------------------|----------|-------|---|-----|--------|
| 76-13-1 | Freon 113 | 1.7 | | 1.6 | | 6 | 10 |
| 76-14-2 | Freon 114 | ND | | ND | | nc | 20 |
| 142-82-5 | Heptane | 0.23 | | 0.20 | | 14 | 20 |
| 87-68-3 | Hexachlorobutadiene | ND | | ND | | nc | 20 |
| 110-54-3 | Hexane | 0.79 | | 0.81 | | 3 | 17 |
| 591-78-6 | 2-Hexanone | ND | | ND | | nc | 20 |
| 67-63-0 | Isopropyl Alcohol | 3.0 | | 2.9 | | 3 | 26 |
| 75-09-2 | Methylene chloride | 1.3 | | 1.3 | | 0 | 26 |
| 78-93-3 | Methyl ethyl ketone | 0.40 | | 0.39 | | 3 | 21 |
| 108-10-1 | Methyl Isobutyl Ketone | ND | | ND | | nc | 20 |
| 1634-04-4 | Methyl Tert Butyl Ether | ND | | ND | | nc | 20 |
| 80-62-6 | Methylmethacrylate | ND | | ND | | nc | 20 |
| 115-07-1 | Propylene | 2.9 | | 2.8 | | 4 | 16 |
| 100-42-5 | Styrene | ND | | ND | | nc | 11 |
| 71-55-6 | 1,1,1-Trichloroethane | ND | | ND | | nc | 20 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | | ND | | nc | 20 |
| 79-00-5 | 1,1,2-Trichloroethane | ND | | ND | | nc | 20 |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | | ND | | nc | 20 |
| 95-63-6 | 1,2,4-Trimethylbenzene | 0.48 | | 0.47 | | 2 | 19 |
| 108-67-8 | 1,3,5-Trimethylbenzene | 0.13 | J | 0.12 | J | 8 | 13 |
| 540-84-1 | 2,2,4-Trimethylpentane | 0.18 | J | 0.20 | | 11 | 18 |
| 75-65-0 | Tertiary Butyl Alcohol | 0.73 | | 0.72 | | 1 | 21 |
| 127-18-4 | Tetrachloroethylene | 0.067 | | 0.066 | | 2 | 17 |
| 109-99-9 | Tetrahydrofuran | ND | | ND | | nc | 20 |
| 108-88-3 | Toluene | 1.3 | | 1.3 | | 0 | 20 |
| 79-01-6 | Trichloroethylene | ND | | ND | | nc | 13 |
| 75-69-4 | Trichlorofluoromethane | 0.48 | | 0.47 | | 2 | 21 |
| 75-01-4 | Vinyl chloride | ND | | ND | | nc | 20 |
| 108-05-4 | Vinyl Acetate | ND | | ND | | nc | 20 |
| | m,p-Xylene | 1.9 | | 1.8 | | 5 | 26 |
| 95-47-6 | o-Xylene | 0.57 | | 0.55 | | 4 | 20 |
| 1330-20-7 | Xylenes (total) | 2.5 | | 2.4 | | 4 | 26 |

* = Outside of Control Limits.

Duplicate Summary

Job Number: JB58217
Account: AKRFNYNY AKRF
Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------------|-----------|----|----------|-----|-----------|------------|------------------|
| JB58217-2DUP | 3W38452.D | 1 | 01/22/14 | YMH | n/a | n/a | V3W1468 |
| JB58217-2 | 3W38451.D | 1 | 01/22/14 | YMH | n/a | n/a | V3W1468 |

The QC reported here applies to the following samples:

Method: TO-15

JB58217-1, JB58217-2, JB58217-3, JB58217-4, JB58217-5, JB58217-6, JB58217-7

| CAS No. | Surrogate Recoveries | DUP | JB58217-2 | Limits |
|----------|----------------------|-----|-----------|---------|
| 460-00-4 | 4-Bromofluorobenzene | 95% | 95% | 65-128% |

* = Outside of Control Limits.

Summa Cleaning Certification

Job Number: JB58217
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| | | | | | | | |
|-------------|-----------|----|----------|-----|-----------|------------|------------------|
| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
| V3W1450-SCC | 3W37933.D | 1 | 12/27/13 | YMH | n/a | n/a | V3W1450 |

The QC reported here (Summa A733) applies to the following samples: Method: TO-15

Batch CP6681 cleaned 12/20/13: JB58217-2(A1197)

| CAS No. | Compound | Result | RL | MDL | Units | Q | Result | RL | Units |
|------------|----------------------------|--------|------|-------|-------|---|--------|------|-------|
| 67-64-1 | Acetone | ND | 0.20 | 0.034 | ppbv | | ND | 0.48 | ug/m3 |
| 106-99-0 | 1,3-Butadiene | ND | 0.20 | 0.020 | ppbv | | ND | 0.44 | ug/m3 |
| 71-43-2 | Benzene | ND | 0.20 | 0.021 | ppbv | | ND | 0.64 | ug/m3 |
| 75-27-4 | Bromodichloromethane | ND | 0.20 | 0.025 | ppbv | | ND | 1.3 | ug/m3 |
| 75-25-2 | Bromoform | ND | 0.20 | 0.022 | ppbv | | ND | 2.1 | ug/m3 |
| 74-83-9 | Bromomethane | ND | 0.20 | 0.017 | ppbv | | ND | 0.78 | ug/m3 |
| 593-60-2 | Bromoethene | ND | 0.20 | 0.014 | ppbv | | ND | 0.87 | ug/m3 |
| 100-44-7 | Benzyl Chloride | ND | 0.20 | 0.025 | ppbv | | ND | 1.0 | ug/m3 |
| 75-15-0 | Carbon disulfide | ND | 0.20 | 0.017 | ppbv | | ND | 0.62 | ug/m3 |
| 108-90-7 | Chlorobenzene | ND | 0.20 | 0.025 | ppbv | | ND | 0.92 | ug/m3 |
| 75-00-3 | Chloroethane | ND | 0.20 | 0.020 | ppbv | | ND | 0.53 | ug/m3 |
| 67-66-3 | Chloroform | ND | 0.20 | 0.019 | ppbv | | ND | 0.98 | ug/m3 |
| 74-87-3 | Chloromethane | ND | 0.20 | 0.034 | ppbv | | ND | 0.41 | ug/m3 |
| 107-05-1 | 3-Chloropropene | ND | 0.20 | 0.028 | ppbv | | ND | 0.63 | ug/m3 |
| 95-49-8 | 2-Chlorotoluene | ND | 0.20 | 0.020 | ppbv | | ND | 1.0 | ug/m3 |
| 56-23-5 | Carbon tetrachloride | ND | 0.20 | 0.011 | ppbv | | ND | 1.3 | ug/m3 |
| 110-82-7 | Cyclohexane | ND | 0.20 | 0.058 | ppbv | | ND | 0.69 | ug/m3 |
| 75-34-3 | 1,1-Dichloroethane | ND | 0.20 | 0.016 | ppbv | | ND | 0.81 | ug/m3 |
| 75-35-4 | 1,1-Dichloroethylene | ND | 0.20 | 0.021 | ppbv | | ND | 0.79 | ug/m3 |
| 106-93-4 | 1,2-Dibromoethane | ND | 0.20 | 0.027 | ppbv | | ND | 1.5 | ug/m3 |
| 107-06-2 | 1,2-Dichloroethane | ND | 0.20 | 0.016 | ppbv | | ND | 0.81 | ug/m3 |
| 78-87-5 | 1,2-Dichloropropane | ND | 0.20 | 0.040 | ppbv | | ND | 0.92 | ug/m3 |
| 123-91-1 | 1,4-Dioxane | ND | 0.20 | 0.060 | ppbv | | ND | 0.72 | ug/m3 |
| 75-71-8 | Dichlorodifluoromethane | ND | 0.20 | 0.015 | ppbv | | ND | 0.99 | ug/m3 |
| 124-48-1 | Dibromochloromethane | ND | 0.20 | 0.029 | ppbv | | ND | 1.7 | ug/m3 |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | 0.20 | 0.015 | ppbv | | ND | 0.79 | ug/m3 |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | 0.20 | 0.028 | ppbv | | ND | 0.79 | ug/m3 |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 0.20 | 0.019 | ppbv | | ND | 0.91 | ug/m3 |
| 541-73-1 | m-Dichlorobenzene | ND | 0.20 | 0.025 | ppbv | | ND | 1.2 | ug/m3 |
| 95-50-1 | o-Dichlorobenzene | ND | 0.20 | 0.029 | ppbv | | ND | 1.2 | ug/m3 |
| 106-46-7 | p-Dichlorobenzene | ND | 0.20 | 0.022 | ppbv | | ND | 1.2 | ug/m3 |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 0.20 | 0.021 | ppbv | | ND | 0.91 | ug/m3 |
| 64-17-5 | Ethanol | ND | 0.50 | 0.19 | ppbv | | ND | 0.94 | ug/m3 |
| 100-41-4 | Ethylbenzene | ND | 0.20 | 0.020 | ppbv | | ND | 0.87 | ug/m3 |
| 141-78-6 | Ethyl Acetate | ND | 0.20 | 0.057 | ppbv | | ND | 0.72 | ug/m3 |
| 622-96-8 | 4-Ethyltoluene | ND | 0.20 | 0.015 | ppbv | | ND | 0.98 | ug/m3 |

Summa Cleaning Certification

Job Number: JB58217
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| | | | | | | | |
|-------------|-----------|----|----------|-----|-----------|------------|------------------|
| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
| V3W1450-SCC | 3W37933.D | 1 | 12/27/13 | YMH | n/a | n/a | V3W1450 |

The QC reported here (Summa A733) applies to the following samples: Method: TO-15

Batch CP6681 cleaned 12/20/13: JB58217-2(A1197)

| CAS No. | Compound | Result | RL | MDL | Units | Q | Result | RL | Units |
|-----------|---------------------------|--------|-------|-------|-------|---|--------|------|-------|
| 76-13-1 | Freon 113 | ND | 0.20 | 0.021 | ppbv | | ND | 1.5 | ug/m3 |
| 76-14-2 | Freon 114 | ND | 0.20 | 0.021 | ppbv | | ND | 1.4 | ug/m3 |
| 142-82-5 | Heptane | ND | 0.20 | 0.020 | ppbv | | ND | 0.82 | ug/m3 |
| 87-68-3 | Hexachlorobutadiene | ND | 0.20 | 0.063 | ppbv | | ND | 2.1 | ug/m3 |
| 110-54-3 | Hexane | ND | 0.20 | 0.016 | ppbv | | ND | 0.70 | ug/m3 |
| 591-78-6 | 2-Hexanone | ND | 0.20 | 0.025 | ppbv | | ND | 0.82 | ug/m3 |
| 67-63-0 | Isopropyl Alcohol | ND | 0.20 | 0.039 | ppbv | | ND | 0.49 | ug/m3 |
| 75-09-2 | Methylene chloride | ND | 0.20 | 0.047 | ppbv | | ND | 0.69 | ug/m3 |
| 78-93-3 | Methyl ethyl ketone | ND | 0.20 | 0.058 | ppbv | | ND | 0.59 | ug/m3 |
| 108-10-1 | Methyl Isobutyl Ketone | ND | 0.20 | 0.029 | ppbv | | ND | 0.82 | ug/m3 |
| 1634-04-4 | Methyl Tert Butyl Ether | ND | 0.20 | 0.017 | ppbv | | ND | 0.72 | ug/m3 |
| 80-62-6 | Methylmethacrylate | ND | 0.20 | 0.040 | ppbv | | ND | 0.82 | ug/m3 |
| 115-07-1 | Propylene | ND | 0.50 | 0.031 | ppbv | | ND | 0.86 | ug/m3 |
| 100-42-5 | Styrene | ND | 0.20 | 0.020 | ppbv | | ND | 0.85 | ug/m3 |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 0.20 | 0.016 | ppbv | | ND | 1.1 | ug/m3 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 0.20 | 0.030 | ppbv | | ND | 1.4 | ug/m3 |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 0.20 | 0.031 | ppbv | | ND | 1.1 | ug/m3 |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | 0.20 | 0.079 | ppbv | | ND | 1.5 | ug/m3 |
| 95-63-6 | 1,2,4-Trimethylbenzene | ND | 0.20 | 0.017 | ppbv | | ND | 0.98 | ug/m3 |
| 108-67-8 | 1,3,5-Trimethylbenzene | ND | 0.20 | 0.015 | ppbv | | ND | 0.98 | ug/m3 |
| 540-84-1 | 2,2,4-Trimethylpentane | ND | 0.20 | 0.021 | ppbv | | ND | 0.93 | ug/m3 |
| 75-65-0 | Tertiary Butyl Alcohol | ND | 0.20 | 0.044 | ppbv | | ND | 0.61 | ug/m3 |
| 127-18-4 | Tetrachloroethylene | ND | 0.040 | 0.029 | ppbv | | ND | 0.27 | ug/m3 |
| 109-99-9 | Tetrahydrofuran | ND | 0.20 | 0.045 | ppbv | | ND | 0.59 | ug/m3 |
| 108-88-3 | Toluene | ND | 0.20 | 0.020 | ppbv | | ND | 0.75 | ug/m3 |
| 79-01-6 | Trichloroethylene | ND | 0.040 | 0.019 | ppbv | | ND | 0.21 | ug/m3 |
| 75-69-4 | Trichlorofluoromethane | ND | 0.20 | 0.014 | ppbv | | ND | 1.1 | ug/m3 |
| 75-01-4 | Vinyl chloride | ND | 0.20 | 0.017 | ppbv | | ND | 0.51 | ug/m3 |
| 108-05-4 | Vinyl Acetate | ND | 0.20 | 0.058 | ppbv | | ND | 0.70 | ug/m3 |
| | m,p-Xylene | ND | 0.20 | 0.032 | ppbv | | ND | 0.87 | ug/m3 |
| 95-47-6 | o-Xylene | ND | 0.20 | 0.019 | ppbv | | ND | 0.87 | ug/m3 |
| 1330-20-7 | Xylenes (total) | ND | 0.20 | 0.019 | ppbv | | ND | 0.87 | ug/m3 |

Summa Cleaning Certification

Job Number: JB58217
Account: AKRFNYNY AKRF
Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|-----------|----|----------|-----|-----------|------------|------------------|
| V3W1450-SCC | 3W37933.D | 1 | 12/27/13 | YMH | n/a | n/a | V3W1450 |

The QC reported here (Summa A733) applies to the following samples: Method: TO-15

Batch CP6681 cleaned 12/20/13: JB58217-2(A1197)

| CAS No. | Surrogate Recoveries | Limits |
|----------|----------------------|-------------|
| 460-00-4 | 4-Bromofluorobenzene | 97% 65-128% |

6.4.1

6

Summa Cleaning Certification

Job Number: JB58217
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| | | | | | | | |
|-------------|-----------|----|----------|-----|-----------|------------|------------------|
| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
| V3W1450-SCC | 3W37938.D | 1 | 12/27/13 | YMH | n/a | n/a | V3W1450 |

The QC reported here (Summa A1044) applies to the following samples: Method: TO-15

Batch CP6679 cleaned 12/19/13: JB58217-3(A310), JB58217-4(A1042)

| CAS No. | Compound | Result | RL | MDL | Units | Q | Result | RL | Units |
|------------|----------------------------|--------|------|-------|-------|---|--------|------|-------|
| 67-64-1 | Acetone | ND | 0.20 | 0.034 | ppbv | | ND | 0.48 | ug/m3 |
| 106-99-0 | 1,3-Butadiene | ND | 0.20 | 0.020 | ppbv | | ND | 0.44 | ug/m3 |
| 71-43-2 | Benzene | ND | 0.20 | 0.021 | ppbv | | ND | 0.64 | ug/m3 |
| 75-27-4 | Bromodichloromethane | ND | 0.20 | 0.025 | ppbv | | ND | 1.3 | ug/m3 |
| 75-25-2 | Bromoform | ND | 0.20 | 0.022 | ppbv | | ND | 2.1 | ug/m3 |
| 74-83-9 | Bromomethane | ND | 0.20 | 0.017 | ppbv | | ND | 0.78 | ug/m3 |
| 593-60-2 | Bromoethene | ND | 0.20 | 0.014 | ppbv | | ND | 0.87 | ug/m3 |
| 100-44-7 | Benzyl Chloride | ND | 0.20 | 0.025 | ppbv | | ND | 1.0 | ug/m3 |
| 75-15-0 | Carbon disulfide | ND | 0.20 | 0.017 | ppbv | | ND | 0.62 | ug/m3 |
| 108-90-7 | Chlorobenzene | ND | 0.20 | 0.025 | ppbv | | ND | 0.92 | ug/m3 |
| 75-00-3 | Chloroethane | ND | 0.20 | 0.020 | ppbv | | ND | 0.53 | ug/m3 |
| 67-66-3 | Chloroform | ND | 0.20 | 0.019 | ppbv | | ND | 0.98 | ug/m3 |
| 74-87-3 | Chloromethane | ND | 0.20 | 0.034 | ppbv | | ND | 0.41 | ug/m3 |
| 107-05-1 | 3-Chloropropene | ND | 0.20 | 0.028 | ppbv | | ND | 0.63 | ug/m3 |
| 95-49-8 | 2-Chlorotoluene | ND | 0.20 | 0.020 | ppbv | | ND | 1.0 | ug/m3 |
| 56-23-5 | Carbon tetrachloride | ND | 0.20 | 0.011 | ppbv | | ND | 1.3 | ug/m3 |
| 110-82-7 | Cyclohexane | ND | 0.20 | 0.058 | ppbv | | ND | 0.69 | ug/m3 |
| 75-34-3 | 1,1-Dichloroethane | ND | 0.20 | 0.016 | ppbv | | ND | 0.81 | ug/m3 |
| 75-35-4 | 1,1-Dichloroethylene | ND | 0.20 | 0.021 | ppbv | | ND | 0.79 | ug/m3 |
| 106-93-4 | 1,2-Dibromoethane | ND | 0.20 | 0.027 | ppbv | | ND | 1.5 | ug/m3 |
| 107-06-2 | 1,2-Dichloroethane | ND | 0.20 | 0.016 | ppbv | | ND | 0.81 | ug/m3 |
| 78-87-5 | 1,2-Dichloropropane | ND | 0.20 | 0.040 | ppbv | | ND | 0.92 | ug/m3 |
| 123-91-1 | 1,4-Dioxane | ND | 0.20 | 0.060 | ppbv | | ND | 0.72 | ug/m3 |
| 75-71-8 | Dichlorodifluoromethane | ND | 0.20 | 0.015 | ppbv | | ND | 0.99 | ug/m3 |
| 124-48-1 | Dibromochloromethane | ND | 0.20 | 0.029 | ppbv | | ND | 1.7 | ug/m3 |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | 0.20 | 0.015 | ppbv | | ND | 0.79 | ug/m3 |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | 0.20 | 0.028 | ppbv | | ND | 0.79 | ug/m3 |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 0.20 | 0.019 | ppbv | | ND | 0.91 | ug/m3 |
| 541-73-1 | m-Dichlorobenzene | ND | 0.20 | 0.025 | ppbv | | ND | 1.2 | ug/m3 |
| 95-50-1 | o-Dichlorobenzene | ND | 0.20 | 0.029 | ppbv | | ND | 1.2 | ug/m3 |
| 106-46-7 | p-Dichlorobenzene | ND | 0.20 | 0.022 | ppbv | | ND | 1.2 | ug/m3 |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 0.20 | 0.021 | ppbv | | ND | 0.91 | ug/m3 |
| 64-17-5 | Ethanol | ND | 0.50 | 0.19 | ppbv | | ND | 0.94 | ug/m3 |
| 100-41-4 | Ethylbenzene | ND | 0.20 | 0.020 | ppbv | | ND | 0.87 | ug/m3 |
| 141-78-6 | Ethyl Acetate | ND | 0.20 | 0.057 | ppbv | | ND | 0.72 | ug/m3 |
| 622-96-8 | 4-Ethyltoluene | ND | 0.20 | 0.015 | ppbv | | ND | 0.98 | ug/m3 |

Summa Cleaning Certification

Job Number: JB58217
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| | | | | | | | |
|-------------|-----------|----|----------|-----|-----------|------------|------------------|
| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
| V3W1450-SCC | 3W37938.D | 1 | 12/27/13 | YMH | n/a | n/a | V3W1450 |

The QC reported here (Summa A1044) applies to the following samples: Method: TO-15

Batch CP6679 cleaned 12/19/13: JB58217-3(A310), JB58217-4(A1042)

| CAS No. | Compound | Result | RL | MDL | Units | Q | Result | RL | Units |
|-----------|---------------------------|--------|-------|-------|-------|---|--------|------|-------|
| 76-13-1 | Freon 113 | ND | 0.20 | 0.021 | ppbv | | ND | 1.5 | ug/m3 |
| 76-14-2 | Freon 114 | ND | 0.20 | 0.021 | ppbv | | ND | 1.4 | ug/m3 |
| 142-82-5 | Heptane | ND | 0.20 | 0.020 | ppbv | | ND | 0.82 | ug/m3 |
| 87-68-3 | Hexachlorobutadiene | ND | 0.20 | 0.063 | ppbv | | ND | 2.1 | ug/m3 |
| 110-54-3 | Hexane | ND | 0.20 | 0.016 | ppbv | | ND | 0.70 | ug/m3 |
| 591-78-6 | 2-Hexanone | ND | 0.20 | 0.025 | ppbv | | ND | 0.82 | ug/m3 |
| 67-63-0 | Isopropyl Alcohol | ND | 0.20 | 0.039 | ppbv | | ND | 0.49 | ug/m3 |
| 75-09-2 | Methylene chloride | ND | 0.20 | 0.047 | ppbv | | ND | 0.69 | ug/m3 |
| 78-93-3 | Methyl ethyl ketone | ND | 0.20 | 0.058 | ppbv | | ND | 0.59 | ug/m3 |
| 108-10-1 | Methyl Isobutyl Ketone | ND | 0.20 | 0.029 | ppbv | | ND | 0.82 | ug/m3 |
| 1634-04-4 | Methyl Tert Butyl Ether | ND | 0.20 | 0.017 | ppbv | | ND | 0.72 | ug/m3 |
| 80-62-6 | Methylmethacrylate | ND | 0.20 | 0.040 | ppbv | | ND | 0.82 | ug/m3 |
| 115-07-1 | Propylene | ND | 0.50 | 0.031 | ppbv | | ND | 0.86 | ug/m3 |
| 100-42-5 | Styrene | ND | 0.20 | 0.020 | ppbv | | ND | 0.85 | ug/m3 |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 0.20 | 0.016 | ppbv | | ND | 1.1 | ug/m3 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 0.20 | 0.030 | ppbv | | ND | 1.4 | ug/m3 |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 0.20 | 0.031 | ppbv | | ND | 1.1 | ug/m3 |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | 0.20 | 0.079 | ppbv | | ND | 1.5 | ug/m3 |
| 95-63-6 | 1,2,4-Trimethylbenzene | ND | 0.20 | 0.017 | ppbv | | ND | 0.98 | ug/m3 |
| 108-67-8 | 1,3,5-Trimethylbenzene | ND | 0.20 | 0.015 | ppbv | | ND | 0.98 | ug/m3 |
| 540-84-1 | 2,2,4-Trimethylpentane | ND | 0.20 | 0.021 | ppbv | | ND | 0.93 | ug/m3 |
| 75-65-0 | Tertiary Butyl Alcohol | ND | 0.20 | 0.044 | ppbv | | ND | 0.61 | ug/m3 |
| 127-18-4 | Tetrachloroethylene | ND | 0.040 | 0.029 | ppbv | | ND | 0.27 | ug/m3 |
| 109-99-9 | Tetrahydrofuran | ND | 0.20 | 0.045 | ppbv | | ND | 0.59 | ug/m3 |
| 108-88-3 | Toluene | ND | 0.20 | 0.020 | ppbv | | ND | 0.75 | ug/m3 |
| 79-01-6 | Trichloroethylene | ND | 0.040 | 0.019 | ppbv | | ND | 0.21 | ug/m3 |
| 75-69-4 | Trichlorofluoromethane | ND | 0.20 | 0.014 | ppbv | | ND | 1.1 | ug/m3 |
| 75-01-4 | Vinyl chloride | ND | 0.20 | 0.017 | ppbv | | ND | 0.51 | ug/m3 |
| 108-05-4 | Vinyl Acetate | ND | 0.20 | 0.058 | ppbv | | ND | 0.70 | ug/m3 |
| | m,p-Xylene | ND | 0.20 | 0.032 | ppbv | | ND | 0.87 | ug/m3 |
| 95-47-6 | o-Xylene | ND | 0.20 | 0.019 | ppbv | | ND | 0.87 | ug/m3 |
| 1330-20-7 | Xylenes (total) | ND | 0.20 | 0.019 | ppbv | | ND | 0.87 | ug/m3 |

Summa Cleaning Certification

Job Number: JB58217

Account: AKRFNYNY AKRF

Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|-----------|----|----------|-----|-----------|------------|------------------|
| V3W1450-SCC | 3W37938.D | 1 | 12/27/13 | YMH | n/a | n/a | V3W1450 |

The QC reported here (Summa A1044) applies to the following samples:

Method: TO-15

Batch CP6679 cleaned 12/19/13: JB58217-3(A310), JB58217-4(A1042)

| CAS No. | Surrogate Recoveries | Limits |
|----------|----------------------|-------------|
| 460-00-4 | 4-Bromofluorobenzene | 95% 65-128% |

Summa Cleaning Certification

Job Number: JB58217
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| | | | | | | | |
|-------------|-----------|----|----------|-----|-----------|------------|------------------|
| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
| V3W1463-SCC | 3W38309.D | 1 | 01/16/14 | YMH | n/a | n/a | V3W1463 |

The QC reported here (Summa A469) applies to the following samples: Method: TO-15

Batch CP6724 cleaned 01/14/14: JB58217-1(A169), JB58217-5(A1167), JB58217-6(A881), JB58217-7(A263)

| CAS No. | Compound | Result | RL | MDL | Units | Q | Result | RL | Units |
|------------|----------------------------|--------|------|-------|-------|---|--------|------|-------|
| 67-64-1 | Acetone | ND | 0.20 | 0.034 | ppbv | | ND | 0.48 | ug/m3 |
| 106-99-0 | 1,3-Butadiene | ND | 0.20 | 0.020 | ppbv | | ND | 0.44 | ug/m3 |
| 71-43-2 | Benzene | ND | 0.20 | 0.021 | ppbv | | ND | 0.64 | ug/m3 |
| 75-27-4 | Bromodichloromethane | ND | 0.20 | 0.025 | ppbv | | ND | 1.3 | ug/m3 |
| 75-25-2 | Bromoform | ND | 0.20 | 0.022 | ppbv | | ND | 2.1 | ug/m3 |
| 74-83-9 | Bromomethane | ND | 0.20 | 0.017 | ppbv | | ND | 0.78 | ug/m3 |
| 593-60-2 | Bromoethene | ND | 0.20 | 0.014 | ppbv | | ND | 0.87 | ug/m3 |
| 100-44-7 | Benzyl Chloride | ND | 0.20 | 0.025 | ppbv | | ND | 1.0 | ug/m3 |
| 75-15-0 | Carbon disulfide | ND | 0.20 | 0.017 | ppbv | | ND | 0.62 | ug/m3 |
| 108-90-7 | Chlorobenzene | ND | 0.20 | 0.025 | ppbv | | ND | 0.92 | ug/m3 |
| 75-00-3 | Chloroethane | ND | 0.20 | 0.020 | ppbv | | ND | 0.53 | ug/m3 |
| 67-66-3 | Chloroform | ND | 0.20 | 0.019 | ppbv | | ND | 0.98 | ug/m3 |
| 74-87-3 | Chloromethane | ND | 0.20 | 0.034 | ppbv | | ND | 0.41 | ug/m3 |
| 107-05-1 | 3-Chloropropene | ND | 0.20 | 0.028 | ppbv | | ND | 0.63 | ug/m3 |
| 95-49-8 | 2-Chlorotoluene | ND | 0.20 | 0.020 | ppbv | | ND | 1.0 | ug/m3 |
| 56-23-5 | Carbon tetrachloride | ND | 0.20 | 0.011 | ppbv | | ND | 1.3 | ug/m3 |
| 110-82-7 | Cyclohexane | ND | 0.20 | 0.058 | ppbv | | ND | 0.69 | ug/m3 |
| 75-34-3 | 1,1-Dichloroethane | ND | 0.20 | 0.016 | ppbv | | ND | 0.81 | ug/m3 |
| 75-35-4 | 1,1-Dichloroethylene | ND | 0.20 | 0.021 | ppbv | | ND | 0.79 | ug/m3 |
| 106-93-4 | 1,2-Dibromoethane | ND | 0.20 | 0.027 | ppbv | | ND | 1.5 | ug/m3 |
| 107-06-2 | 1,2-Dichloroethane | ND | 0.20 | 0.016 | ppbv | | ND | 0.81 | ug/m3 |
| 78-87-5 | 1,2-Dichloropropane | ND | 0.20 | 0.040 | ppbv | | ND | 0.92 | ug/m3 |
| 123-91-1 | 1,4-Dioxane | ND | 0.20 | 0.060 | ppbv | | ND | 0.72 | ug/m3 |
| 75-71-8 | Dichlorodifluoromethane | ND | 0.20 | 0.015 | ppbv | | ND | 0.99 | ug/m3 |
| 124-48-1 | Dibromochloromethane | ND | 0.20 | 0.029 | ppbv | | ND | 1.7 | ug/m3 |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | 0.20 | 0.015 | ppbv | | ND | 0.79 | ug/m3 |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | 0.20 | 0.028 | ppbv | | ND | 0.79 | ug/m3 |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 0.20 | 0.019 | ppbv | | ND | 0.91 | ug/m3 |
| 541-73-1 | m-Dichlorobenzene | ND | 0.20 | 0.025 | ppbv | | ND | 1.2 | ug/m3 |
| 95-50-1 | o-Dichlorobenzene | ND | 0.20 | 0.029 | ppbv | | ND | 1.2 | ug/m3 |
| 106-46-7 | p-Dichlorobenzene | ND | 0.20 | 0.022 | ppbv | | ND | 1.2 | ug/m3 |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 0.20 | 0.021 | ppbv | | ND | 0.91 | ug/m3 |
| 64-17-5 | Ethanol | ND | 0.50 | 0.19 | ppbv | | ND | 0.94 | ug/m3 |
| 100-41-4 | Ethylbenzene | ND | 0.20 | 0.020 | ppbv | | ND | 0.87 | ug/m3 |
| 141-78-6 | Ethyl Acetate | ND | 0.20 | 0.057 | ppbv | | ND | 0.72 | ug/m3 |
| 622-96-8 | 4-Ethyltoluene | ND | 0.20 | 0.015 | ppbv | | ND | 0.98 | ug/m3 |

Summa Cleaning Certification

Job Number: JB58217
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| | | | | | | | |
|-------------|-----------|----|----------|-----|-----------|------------|------------------|
| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
| V3W1463-SCC | 3W38309.D | 1 | 01/16/14 | YMH | n/a | n/a | V3W1463 |

The QC reported here (Summa A469) applies to the following samples: Method: TO-15

Batch CP6724 cleaned 01/14/14: JB58217-1(A169), JB58217-5(A1167), JB58217-6(A881), JB58217-7(A263)

| CAS No. | Compound | Result | RL | MDL | Units | Q | Result | RL | Units |
|-----------|---------------------------|--------|-------|-------|-------|---|--------|------|-------|
| 76-13-1 | Freon 113 | ND | 0.20 | 0.021 | ppbv | | ND | 1.5 | ug/m3 |
| 76-14-2 | Freon 114 | ND | 0.20 | 0.021 | ppbv | | ND | 1.4 | ug/m3 |
| 142-82-5 | Heptane | ND | 0.20 | 0.020 | ppbv | | ND | 0.82 | ug/m3 |
| 87-68-3 | Hexachlorobutadiene | ND | 0.20 | 0.063 | ppbv | | ND | 2.1 | ug/m3 |
| 110-54-3 | Hexane | ND | 0.20 | 0.016 | ppbv | | ND | 0.70 | ug/m3 |
| 591-78-6 | 2-Hexanone | ND | 0.20 | 0.025 | ppbv | | ND | 0.82 | ug/m3 |
| 67-63-0 | Isopropyl Alcohol | ND | 0.20 | 0.039 | ppbv | | ND | 0.49 | ug/m3 |
| 75-09-2 | Methylene chloride | ND | 0.20 | 0.047 | ppbv | | ND | 0.69 | ug/m3 |
| 78-93-3 | Methyl ethyl ketone | ND | 0.20 | 0.058 | ppbv | | ND | 0.59 | ug/m3 |
| 108-10-1 | Methyl Isobutyl Ketone | ND | 0.20 | 0.029 | ppbv | | ND | 0.82 | ug/m3 |
| 1634-04-4 | Methyl Tert Butyl Ether | ND | 0.20 | 0.017 | ppbv | | ND | 0.72 | ug/m3 |
| 80-62-6 | Methylmethacrylate | ND | 0.20 | 0.040 | ppbv | | ND | 0.82 | ug/m3 |
| 115-07-1 | Propylene | ND | 0.50 | 0.031 | ppbv | | ND | 0.86 | ug/m3 |
| 100-42-5 | Styrene | ND | 0.20 | 0.020 | ppbv | | ND | 0.85 | ug/m3 |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 0.20 | 0.016 | ppbv | | ND | 1.1 | ug/m3 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 0.20 | 0.030 | ppbv | | ND | 1.4 | ug/m3 |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 0.20 | 0.031 | ppbv | | ND | 1.1 | ug/m3 |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | 0.20 | 0.079 | ppbv | | ND | 1.5 | ug/m3 |
| 95-63-6 | 1,2,4-Trimethylbenzene | ND | 0.20 | 0.017 | ppbv | | ND | 0.98 | ug/m3 |
| 108-67-8 | 1,3,5-Trimethylbenzene | ND | 0.20 | 0.015 | ppbv | | ND | 0.98 | ug/m3 |
| 540-84-1 | 2,2,4-Trimethylpentane | ND | 0.20 | 0.021 | ppbv | | ND | 0.93 | ug/m3 |
| 75-65-0 | Tertiary Butyl Alcohol | ND | 0.20 | 0.044 | ppbv | | ND | 0.61 | ug/m3 |
| 127-18-4 | Tetrachloroethylene | ND | 0.040 | 0.029 | ppbv | | ND | 0.27 | ug/m3 |
| 109-99-9 | Tetrahydrofuran | ND | 0.20 | 0.045 | ppbv | | ND | 0.59 | ug/m3 |
| 108-88-3 | Toluene | ND | 0.20 | 0.020 | ppbv | | ND | 0.75 | ug/m3 |
| 79-01-6 | Trichloroethylene | ND | 0.040 | 0.019 | ppbv | | ND | 0.21 | ug/m3 |
| 75-69-4 | Trichlorofluoromethane | ND | 0.20 | 0.014 | ppbv | | ND | 1.1 | ug/m3 |
| 75-01-4 | Vinyl chloride | ND | 0.20 | 0.017 | ppbv | | ND | 0.51 | ug/m3 |
| 108-05-4 | Vinyl Acetate | ND | 0.20 | 0.058 | ppbv | | ND | 0.70 | ug/m3 |
| | m,p-Xylene | ND | 0.20 | 0.032 | ppbv | | ND | 0.87 | ug/m3 |
| 95-47-6 | o-Xylene | ND | 0.20 | 0.019 | ppbv | | ND | 0.87 | ug/m3 |
| 1330-20-7 | Xylenes (total) | ND | 0.20 | 0.019 | ppbv | | ND | 0.87 | ug/m3 |

Summa Cleaning Certification

Job Number: JB58217

Account: AKRFNYNY AKRF

Project: Flushing Commons, Union Street, Flushing, NY

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|-----------|----|----------|-----|-----------|------------|------------------|
| V3W1463-SCC | 3W38309.D | 1 | 01/16/14 | YMH | n/a | n/a | V3W1463 |

The QC reported here (Summa A469) applies to the following samples: Method: TO-15

Batch CP6724 cleaned 01/14/14: JB58217-1(A169), JB58217-5(A1167), JB58217-6(A881), JB58217-7(A263)

| CAS No. | Surrogate Recoveries | Limits |
|----------|----------------------|-------------|
| 460-00-4 | 4-Bromofluorobenzene | 89% 65-128% |

Instrument Performance Check (BFB)

Job Number: JB58217
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| | |
|------------------------|--------------------------|
| Sample: V3W1416-BFB | Injection Date: 11/06/13 |
| Lab File ID: 3W36932.D | Injection Time: 21:22 |
| Instrument ID: GCMS3W | |

| m/e | Ion Abundance Criteria | Raw Abundance | % Relative Abundance | Pass/Fail |
|-----|------------------------------------|---------------|--------------------------|-----------|
| 50 | 8.0 - 40.0% of mass 95 | 16708 | 18.3 | Pass |
| 75 | 30.0 - 66.0% of mass 95 | 42005 | 46.0 | Pass |
| 95 | Base peak, 100% relative abundance | 91296 | 100.0 | Pass |
| 96 | 5.0 - 9.0% of mass 95 | 6079 | 6.66 | Pass |
| 173 | Less than 2.0% of mass 174 | 0 | 0.00 (0.00) ^a | Pass |
| 174 | 50.0 - 120.0% of mass 95 | 84437 | 92.5 | Pass |
| 175 | 4.0 - 9.01% of mass 174 | 6343 | 6.95 (7.51) ^a | Pass |
| 176 | 93.0 - 101.0% of mass 174 | 82645 | 90.5 (97.9) ^a | Pass |
| 177 | 5.0 - 9.0% of mass 176 | 5411 | 5.93 (6.55) ^b | Pass |

(a) Value is % of mass 174

(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

| Lab Sample ID | Lab File ID | Date Analyzed | Time Analyzed | Hours Lapsed | Client Sample ID |
|-----------------|-------------|---------------|---------------|--------------|-----------------------------|
| V3W1416-IC1416 | 3W36935.D | 11/06/13 | 23:19 | 01:57 | Initial cal 20 |
| V3W1416-IC1416 | 3W36936.D | 11/06/13 | 23:59 | 02:37 | Initial cal 15 |
| V3W1416-ICC1416 | 3W36937.D | 11/07/13 | 00:38 | 03:16 | Initial cal 10 |
| V3W1416-IC1416 | 3W36938.D | 11/07/13 | 01:16 | 03:54 | Initial cal 5 |
| V3W1416-IC1416 | 3W36940.D | 11/07/13 | 02:38 | 05:16 | Initial cal 0.1 |
| V3W1416-IC1416 | 3W36941.D | 11/07/13 | 03:16 | 05:54 | Initial cal 0.04 |
| V3W1416-IC1416 | 3W36942.D | 11/07/13 | 03:57 | 06:35 | Initial cal 30 |
| V3W1416-IC1416 | 3W36944.D | 11/07/13 | 05:21 | 07:59 | Initial cal 40 |
| V3W1416-IC1416 | 3W36947.D | 11/07/13 | 09:25 | 12:03 | Initial cal 0.5 |
| V3W1416-IC1416 | 3W36948.D | 11/07/13 | 10:03 | 12:41 | Initial cal 0.2 |
| V3W1416-ICV1416 | 3W36949.D | 11/07/13 | 10:56 | 13:34 | Initial cal verification 10 |

6.5.1

6

Instrument Performance Check (BFB)

Job Number: JB58217
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| | |
|------------------------|--------------------------|
| Sample: V3W1450-BFB | Injection Date: 12/27/13 |
| Lab File ID: 3W37926.D | Injection Time: 09:26 |
| Instrument ID: GCMS3W | |

| m/e | Ion Abundance Criteria | Raw Abundance | % Relative Abundance | Pass/Fail |
|-----|------------------------------------|---------------|--------------------------|-----------|
| 50 | 8.0 - 40.0% of mass 95 | 21552 | 18.7 | Pass |
| 75 | 30.0 - 66.0% of mass 95 | 54021 | 46.9 | Pass |
| 95 | Base peak, 100% relative abundance | 115061 | 100.0 | Pass |
| 96 | 5.0 - 9.0% of mass 95 | 7648 | 6.65 | Pass |
| 173 | Less than 2.0% of mass 174 | 0 | 0.00 (0.00) ^a | Pass |
| 174 | 50.0 - 120.0% of mass 95 | 103066 | 89.6 | Pass |
| 175 | 4.0 - 9.01% of mass 174 | 7925 | 6.89 (7.69) ^a | Pass |
| 176 | 93.0 - 101.0% of mass 174 | 101816 | 88.5 (98.8) ^a | Pass |
| 177 | 5.0 - 9.0% of mass 176 | 6788 | 5.90 (6.67) ^b | Pass |

(a) Value is % of mass 174

(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

| Lab Sample ID | Lab File ID | Date Analyzed | Time Analyzed | Hours Lapsed | Client Sample ID |
|----------------|-------------|---------------|---------------|--------------|------------------------------|
| V3W1450-CC1416 | 3W37928.D | 12/27/13 | 10:44 | 01:18 | Continuing cal 10 |
| V3W1450-BS2 | 3W37929.D | 12/27/13 | 11:25 | 01:59 | Blank Spike |
| V3W1450-BSD2 | 3W37930.D | 12/27/13 | 12:06 | 02:40 | Blank Spike Duplicate |
| V3W1450-MB2 | 3W37932.D | 12/27/13 | 13:26 | 04:00 | Method Blank |
| V3W1450-SCC | 3W37933.D | 12/27/13 | 14:07 | 04:41 | Summa Cleaning Certification |
| ZZZZZZ | 3W37934.D | 12/27/13 | 14:46 | 05:20 | (unrelated sample) |
| ZZZZZZ | 3W37935.D | 12/27/13 | 15:24 | 05:58 | (unrelated sample) |
| ZZZZZZ | 3W37936.D | 12/27/13 | 16:03 | 06:37 | (unrelated sample) |
| ZZZZZZ | 3W37937.D | 12/27/13 | 16:42 | 07:16 | (unrelated sample) |
| V3W1450-SCC | 3W37938.D | 12/27/13 | 17:23 | 07:57 | Summa Cleaning Certification |
| ZZZZZZ | 3W37939.D | 12/27/13 | 18:03 | 08:37 | (unrelated sample) |

6.5.2

6

Instrument Performance Check (BFB)

Job Number: JB58217
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| | |
|------------------------|--------------------------|
| Sample: V3W1462-BFB | Injection Date: 01/15/14 |
| Lab File ID: 3W38286.D | Injection Time: 19:08 |
| Instrument ID: GCMS3W | |

| m/e | Ion Abundance Criteria | Raw Abundance | % Relative Abundance | Pass/Fail |
|-----|------------------------------------|---------------|--------------------------|-----------|
| 50 | 8.0 - 40.0% of mass 95 | 27701 | 17.6 | Pass |
| 75 | 30.0 - 66.0% of mass 95 | 69674 | 44.3 | Pass |
| 95 | Base peak, 100% relative abundance | 157248 | 100.0 | Pass |
| 96 | 5.0 - 9.0% of mass 95 | 10911 | 6.94 | Pass |
| 173 | Less than 2.0% of mass 174 | 0 | 0.00 (0.00) ^a | Pass |
| 174 | 50.0 - 120.0% of mass 95 | 134797 | 85.7 | Pass |
| 175 | 4.0 - 9.01% of mass 174 | 9738 | 6.19 (7.22) ^a | Pass |
| 176 | 93.0 - 101.0% of mass 174 | 133541 | 84.9 (99.1) ^a | Pass |
| 177 | 5.0 - 9.0% of mass 176 | 8721 | 5.55 (6.53) ^b | Pass |

(a) Value is % of mass 174

(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

| Lab Sample ID | Lab File ID | Date Analyzed | Time Analyzed | Hours Lapsed | Client Sample ID |
|-----------------|-------------|---------------|---------------|--------------|-----------------------------|
| V3W1462-IC1462 | 3W38287.D | 01/15/14 | 19:47 | 00:39 | Initial cal 0.5 |
| V3W1462-IC1462 | 3W38288.D | 01/15/14 | 20:27 | 01:19 | Initial cal 0.2 |
| V3W1462-IC1462 | 3W38289.D | 01/15/14 | 21:07 | 01:59 | Initial cal 20 |
| V3W1462-IC1462 | 3W38290.D | 01/15/14 | 21:48 | 02:40 | Initial cal 15 |
| V3W1462-ICC1462 | 3W38291.D | 01/15/14 | 22:28 | 03:20 | Initial cal 10 |
| V3W1462-IC1462 | 3W38292.D | 01/15/14 | 23:08 | 04:00 | Initial cal 5 |
| V3W1462-IC1462 | 3W38294.D | 01/16/14 | 00:28 | 05:20 | Initial cal 0.1 |
| V3W1462-IC1462 | 3W38295.D | 01/16/14 | 01:08 | 06:00 | Initial cal 0.04 |
| V3W1462-IC1462 | 3W38296.D | 01/16/14 | 01:49 | 06:41 | Initial cal 30 |
| V3W1462-IC1462 | 3W38299.D | 01/16/14 | 03:51 | 08:43 | Initial cal 40 |
| V3W1462-ICV1462 | 3W38302.D | 01/16/14 | 09:41 | 14:33 | Initial cal verification 10 |

6.5.3

6

Instrument Performance Check (BFB)

Job Number: JB58217
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| | | | |
|----------------|-------------|-----------------|----------|
| Sample: | V3W1463-BFB | Injection Date: | 01/16/14 |
| Lab File ID: | 3W38303.D | Injection Time: | 10:31 |
| Instrument ID: | GCMS3W | | |

| m/e | Ion Abundance Criteria | Raw Abundance | % Relative Abundance | Pass/Fail |
|-----|------------------------------------|---------------|--------------------------|-----------|
| 50 | 8.0 - 40.0% of mass 95 | 38858 | 19.1 | Pass |
| 75 | 30.0 - 66.0% of mass 95 | 93813 | 46.2 | Pass |
| 95 | Base peak, 100% relative abundance | 203136 | 100.0 | Pass |
| 96 | 5.0 - 9.0% of mass 95 | 14063 | 6.92 | Pass |
| 173 | Less than 2.0% of mass 174 | 0 | 0.00 (0.00) ^a | Pass |
| 174 | 50.0 - 120.0% of mass 95 | 163178 | 80.3 | Pass |
| 175 | 4.0 - 9.01% of mass 174 | 12042 | 5.93 (7.38) ^a | Pass |
| 176 | 93.0 - 101.0% of mass 174 | 161322 | 79.4 (98.9) ^a | Pass |
| 177 | 5.0 - 9.0% of mass 176 | 10670 | 5.25 (6.61) ^b | Pass |

(a) Value is % of mass 174
 (b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

| Lab Sample ID | Lab File ID | Date Analyzed | Time Analyzed | Hours Lapsed | Client Sample ID |
|----------------|-------------|---------------|---------------|--------------|------------------------------|
| V3W1463-CC1462 | 3W38304.D | 01/16/14 | 11:18 | 00:47 | Continuing cal 10 |
| V3W1463-BS | 3W38305.D | 01/16/14 | 11:58 | 01:27 | Blank Spike |
| V3W1463-BSD | 3W38306.D | 01/16/14 | 12:37 | 02:06 | Blank Spike Duplicate |
| V3W1463-MB | 3W38308.D | 01/16/14 | 13:59 | 03:28 | Method Blank |
| V3W1463-SCC | 3W38309.D | 01/16/14 | 14:40 | 04:09 | Summa Cleaning Certification |
| ZZZZZZ | 3W38311.D | 01/16/14 | 15:59 | 05:28 | (unrelated sample) |
| ZZZZZZ | 3W38312.D | 01/16/14 | 16:38 | 06:07 | (unrelated sample) |
| ZZZZZZ | 3W38313.D | 01/16/14 | 17:17 | 06:46 | (unrelated sample) |
| ZZZZZZ | 3W38314.D | 01/16/14 | 17:56 | 07:25 | (unrelated sample) |
| ZZZZZZ | 3W38315.D | 01/16/14 | 18:35 | 08:04 | (unrelated sample) |
| ZZZZZZ | 3W38316.D | 01/16/14 | 19:14 | 08:43 | (unrelated sample) |
| ZZZZZZ | 3W38317.D | 01/16/14 | 19:53 | 09:22 | (unrelated sample) |
| ZZZZZZ | 3W38319.D | 01/16/14 | 21:11 | 10:40 | (unrelated sample) |
| ZZZZZZ | 3W38320.D | 01/16/14 | 21:50 | 11:19 | (unrelated sample) |
| ZZZZZZ | 3W38321.D | 01/16/14 | 22:29 | 11:58 | (unrelated sample) |
| ZZZZZZ | 3W38322.D | 01/16/14 | 23:08 | 12:37 | (unrelated sample) |
| ZZZZZZ | 3W38323.D | 01/16/14 | 23:47 | 13:16 | (unrelated sample) |
| ZZZZZZ | 3W38324.D | 01/17/14 | 00:26 | 13:55 | (unrelated sample) |
| ZZZZZZ | 3W38325.D | 01/17/14 | 01:05 | 14:34 | (unrelated sample) |

Instrument Performance Check (BFB)

Job Number: JB58217
 Account: AKRFNYNY AKRF
 Project: Flushing Commons, Union Street, Flushing, NY

| | | | |
|----------------|-------------|-----------------|----------|
| Sample: | V3W1468-BFB | Injection Date: | 01/22/14 |
| Lab File ID: | 3W38439.D | Injection Time: | 09:19 |
| Instrument ID: | GCMS3W | | |

| m/e | Ion Abundance Criteria | Raw Abundance | % Relative Abundance | Pass/Fail |
|-----|------------------------------------|---------------|--------------------------|-----------|
| 50 | 8.0 - 40.0% of mass 95 | 21533 | 18.1 | Pass |
| 75 | 30.0 - 66.0% of mass 95 | 55130 | 46.3 | Pass |
| 95 | Base peak, 100% relative abundance | 119170 | 100.0 | Pass |
| 96 | 5.0 - 9.0% of mass 95 | 8431 | 7.07 | Pass |
| 173 | Less than 2.0% of mass 174 | 0 | 0.00 (0.00) ^a | Pass |
| 174 | 50.0 - 120.0% of mass 95 | 105784 | 88.8 | Pass |
| 175 | 4.0 - 9.01% of mass 174 | 7798 | 6.54 (7.37) ^a | Pass |
| 176 | 93.0 - 101.0% of mass 174 | 103386 | 86.8 (97.7) ^a | Pass |
| 177 | 5.0 - 9.0% of mass 176 | 7047 | 5.91 (6.82) ^b | Pass |

(a) Value is % of mass 174

(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

| Lab Sample ID | Lab File ID | Date Analyzed | Time Analyzed | Hours Lapsed | Client Sample ID |
|----------------|-------------|---------------|---------------|--------------|------------------------------|
| V3W1468-CC1462 | 3W38440.D | 01/22/14 | 11:40 | 02:21 | Continuing cal 10 |
| V3W1468-BS | 3W38441.D | 01/22/14 | 12:36 | 03:17 | Blank Spike |
| V3W1468-BSD | 3W38442.D | 01/22/14 | 13:15 | 03:56 | Blank Spike Duplicate |
| V3W1468-MB | 3W38444.D | 01/22/14 | 15:07 | 05:48 | Method Blank |
| V3W1468-SCC | 3W38445.D | 01/22/14 | 15:47 | 06:28 | Summa Cleaning Certification |
| ZZZZZZ | 3W38446.D | 01/22/14 | 16:28 | 07:09 | (unrelated sample) |
| ZZZZZZ | 3W38447.D | 01/22/14 | 17:06 | 07:47 | (unrelated sample) |
| ZZZZZZ | 3W38448.D | 01/22/14 | 17:45 | 08:26 | (unrelated sample) |
| JB58217-1 | 3W38450.D | 01/22/14 | 19:06 | 09:47 | SV-4 |
| JB58217-2 | 3W38451.D | 01/22/14 | 19:47 | 10:28 | SV-3 |
| JB58217-2DUP | 3W38452.D | 01/22/14 | 20:27 | 11:08 | Duplicate |
| JB58217-3 | 3W38453.D | 01/22/14 | 21:08 | 11:49 | SV-6 |
| V3W1468-SCC | 3W38454.D | 01/22/14 | 21:48 | 12:29 | Summa Cleaning Certification |
| JB58217-4 | 3W38455.D | 01/22/14 | 22:29 | 13:10 | SV-1 |
| JB58217-5 | 3W38456.D | 01/22/14 | 23:09 | 13:50 | SV-5 |
| JB58217-6 | 3W38457.D | 01/22/14 | 23:50 | 14:31 | SV-2 |
| JB58217-7 | 3W38458.D | 01/23/14 | 00:31 | 15:12 | AA-1 |
| ZZZZZZ | 3W38459.D | 01/23/14 | 01:09 | 15:50 | (unrelated sample) |
| ZZZZZZ | 3W38460.D | 01/23/14 | 01:48 | 16:29 | (unrelated sample) |
| ZZZZZZ | 3W38461.D | 01/23/14 | 02:26 | 17:07 | (unrelated sample) |
| ZZZZZZ | 3W38462.D | 01/23/14 | 03:04 | 17:45 | (unrelated sample) |
| ZZZZZZ | 3W38463.D | 01/23/14 | 03:43 | 18:24 | (unrelated sample) |
| ZZZZZZ | 3W38464.D | 01/23/14 | 04:22 | 19:03 | (unrelated sample) |
| ZZZZZZ | 3W38465.D | 01/23/14 | 05:00 | 19:41 | (unrelated sample) |

6.5.5

6

Instrument Performance Check (BFB)

Job Number: JB58217
Account: AKRFNYNY AKRF
Project: Flushing Commons, Union Street, Flushing, NY

| | | | |
|----------------|-------------|-----------------|----------|
| Sample: | V3W1468-BFB | Injection Date: | 01/22/14 |
| Lab File ID: | 3W38439.D | Injection Time: | 09:19 |
| Instrument ID: | GCMS3W | | |

| Lab Sample ID | Lab File ID | Date Analyzed | Time Analyzed | Hours Lapsed | Client Sample ID |
|---------------|-------------|---------------|---------------|--------------|--------------------|
| ZZZZZZ | 3W38466.D | 01/23/14 | 05:39 | 20:20 | (unrelated sample) |

6.5.5

6

Volatile Surrogate Recovery Summary

Job Number: JB58217

Account: AKRFNYYNY AKRF

Project: Flushing Commons, Union Street, Flushing, NY

Method: TO-15

Matrix: AIR

Samples and QC shown here apply to the above method

| Lab Sample ID | Lab File ID | S1 |
|---------------|-------------|-------|
| JB58217-1 | 3W38450.D | 94.0 |
| JB58217-2 | 3W38451.D | 95.0 |
| JB58217-3 | 3W38453.D | 87.0 |
| JB58217-4 | 3W38455.D | 93.0 |
| JB58217-5 | 3W38456.D | 99.0 |
| JB58217-6 | 3W38457.D | 105.0 |
| JB58217-7 | 3W38458.D | 92.0 |
| JB58217-2DUP | 3W38452.D | 95.0 |
| V3W1450-SCC | 3W37938.D | 95.0 |
| V3W1450-SCC | 3W37933.D | 97.0 |
| V3W1463-SCC | 3W38309.D | 89.0 |
| V3W1468-BS | 3W38441.D | 105.0 |
| V3W1468-BSD | 3W38442.D | 106.0 |
| V3W1468-MB | 3W38444.D | 90.0 |
| V3W1450-BS2 | 3W37929.D | 106.0 |
| V3W1450-BSD2 | 3W37930.D | 107.0 |
| V3W1450-MB2 | 3W37932.D | 96.0 |
| V3W1463-BS | 3W38305.D | 102.0 |
| V3W1463-BSD | 3W38306.D | 103.0 |
| V3W1463-MB | 3W38308.D | 89.0 |

Surrogate Compounds Recovery Limits

S1 = 4-Bromofluorobenzene 65-128%