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Underground Storage Tank Closure Report

30 Stewart Avenue
Huntington, New York
NYSDEC BCP Site No. C152243

Prepared for:

New York State Department of Environmental Conservation
Division of Environmental Remediation
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Acronyms and Abbreviations

BCP	Brownfield Cleanup Program
Clear View	Clear View Environmental Services
CY	Cubic Yards
ESA	Environmental Site Assessment
ESI	Environmental Site Investigation
ft bgs	Feet Below Ground Surface
GEI	GEI Consultants, Inc., P. C.
mg/kg	Milligram per Kilogram
NYSDEC	New York State Department of Environmental Conservation
PCBs	Polychlorinated Biphenyls
RECs	Recognized Environmental Conditions
RRUSCOs	Restricted Residential Use Soil Cleanup Objectives
Seacliff	Seacliff Environmental, Inc.
SVOCs	Semi-Volatile Organic Compounds
USEPA	United States Environmental Protection Agency
UST	Underground Storage Tank
UUSCOs	Unrestricted Use Soil Cleanup Objectives
VOCs	Volatile Organic Compounds

1. Introduction

GEI Consultants, Inc., P. C. (GEI) has prepared this Underground Storage Tank (UST) Closure Report for the property located at 30 Stewart Avenue, Huntington, New York 11746 (Site). Stewart Avenue Ventures, LLC was accepted as a Volunteer into the New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP) on July 5, 2016. A Brownfield Cleanup Agreement was executed on July 26, 2016, to investigate and potentially remediate the Site, which had been assigned BCP Site No. C152243.

The purpose of this report is to provide documentation of the activities associated with the UST removal historically located at this property. The report provides background information on the Site including: previous investigations performed at the Site; describes the methods utilized during the UST removal; and identifies any potential remaining contamination following implementation of UST removal activities.

All work described in this report was performed in full compliance with applicable laws and regulations, including Site and Occupational Safety and Health Administration worker safety requirements and Hazardous Waste Operations and Emergency Response requirements. The work described in this report was also performed in accordance with a Site-specific Health and Safety Plan dated October 2015.

2. Site Description and Investigation History

2.1 Site Location and Description

The Site is located in a mixed residential/retail/light commercial area in the Town of Huntington as is identified as Section 72, Block 2, Lot 19.001 on the Suffolk County Tax Map (**Figure 1**). The Site is approximately 0.37-acres in size and has approximately 150-feet of frontage along Stewart Avenue (**Figure 2**). The Site was recently occupied by two (2) buildings, a concrete pad, and asphalt parking.

2.2 Summary of Previous Investigations

A Phase I Environmental Site Assessment (ESA) for the Site was completed by GEI in March 2015. Completion of this Phase I ESA identified Recognized Environmental Conditions (RECs), specifically the historic UST on-Site. Completion of a Phase II Environmental Site Investigation (ESI) in March 2015 identified soil and groundwater impacts specifically adjacent to the UST, indicating a potential release of fuel oil. A spill incident was called into the NYSDEC Spills Unit and Spill No. 14-11279 was assigned to the Site.

Additional review of the surrounding properties identified an upgradient, active petroleum spill (NYSDEC Spill No. 15-06371). At the time, this spill and potential impacts to the surrounding area was actively being investigated by NYSDEC-appointed Seacliff Environmental, Inc. (Seacliff). It was determined that NYSDEC Spill No. 15-06371 may potentially be impacting the Site based on groundwater flow direction and groundwater impacts observed. These reports have all previously been submitted and approved by NYSDEC, with highlights from specific reports pertaining to the UST discussed below.

2.2.1 March 2015 GEI Consultants, Inc. Phase II Investigation

GEI completed a Phase II investigation congruent with the Phase I ESA in March 2015. The tasks conducted for the Phase II ESI consisted of a geophysical survey, and the collection of subsurface soil, drywell sediment, and groundwater samples. The following is a summary of the investigation and its observations related to the UST closure:

- The geophysical survey identified an anomaly consistent with that of a UST on-Site; and
- Soil and groundwater were investigated throughout the Site with specific consideration given to areas adjacent to the identified UST. Analytical results of the samples collected adjacent to the UST indicated the elevated concentration of petroleum-related compounds. Based on the indication of a release from the UST, a

spill incident was called into the NYSDEC Spills Unit on February 27, 2015 and Spill No. 14-11279 was assigned.

2.2.2 Ongoing NYSDEC Spill No. 15-06371 Investigation

An upgradient spill was reported at an adjacent property located immediately to the south of the Site at the Former Town Hall located at 227 Main Street, Huntington, New York on September 16, 2015. This spill was assigned active Spill No. 15-06371 by the NYSDEC in September 2015. An investigation of soil and groundwater was conducted by Seacliff Environmental, a consultant retained by the NYSDEC, to determine the extent of petroleum impaction to the surrounding area from the release. Below is a summary of the remedial activities completed in response to this spill:

- The 2,000-gallon gasoline tank was removed from this upgradient property, as well as 131.04 tons of petroleum contaminated soil, in September 2015;
- Borings completed at the Former Town Hall documented contamination beginning at approximately 9.5-ft. below ground surface (bgs), with the “heaviest” contamination in groundwater encountered at approximately 17 to 20-ft bgs, where the groundwater table was recorded to start;
- Contamination was hypothesized to extend to the north-northeast from the 2,000-gallon gasoline tank to at least the northern property line (i.e., the upgradient property to the Site); and
- Quarterly groundwater monitoring has highlighted the continued exceedance of petroleum-related compounds at this property following removal of the UST.

The exceedances noted at the Former Town Hall, and current groundwater monitoring completed at the Site adjacent to this property, indicates that the impacts associated with Spill No. 15-06371 have migrated onto the Site, albeit, to a limited extent concentrated near the Site’s southern boundary.

3. Underground Stage Tank Closure

During completion of the March 2015 Phase II Investigation, a subsurface anomaly was identified as a historic UST and preferential sampling of both soil and groundwater was completed surrounding the subsurface structure. Analytical samples collected adjacent and upgradient of the UST indicated the presence of elevated concentrations of petroleum-related compounds in both soil and groundwater. Samples were unable to be collected directly downgradient to the UST during the Phase II due to building access constraints and subsurface obstructions believed to be associated with building foundations, but downgradient soil and groundwater samples collected did not exhibit petroleum-impacts noted upgradient of the UST.

Based on the indication of a release from the UST, a spill incident was called into the NYSDEC Spills Unit on February 27, 2015 and Spill No. 14-11279 was assigned. The sections below describe the removal, decontamination, and off-Site disposal of the UST and sampling of media following removal to document residual contamination. Prior to completion of any activities associated with the removal and disposal off-Site of the UST, NYSDEC was informed and a representative was present throughout the entirety of the work.

Proposed decontamination and off-Site removal activities associated with the UST were described fully in the NYSDEC-approved Remedial Investigation Work Plan dated November 2016, with implementation as described below.

3.1 Underground Storage Tank Removal

On January 25, 2017 GEI mobilized to the Site to provide oversight of the removal of the single-wall steel fuel oil 550-gallon UST. Clear View Environmental Services (Clear View) was retained to perform the physical cleanout, removal, and decontamination of the UST as well as removal of petroleum impacted soils. The existing Site buildings had been demolished prior to this work to allow the UST and remediation to be performed.

Residual fuel oil in the 550-gallon UST was pumped prior to removal for off-Site disposal. Following pump-out activities, Clear View utilized an excavator to remove the UST and surrounding impacted soils. A Photoionization Detector along with visual and olfactory methods were utilized to field screen contaminated soils. The final excavation dimensions were measured to be approximately 14-feet wide, 26-feet long, and 13-feet deep. The UST and impacted soils were staged on 20-millimeter polyethylene sheeting, where the interior of the tank was decontaminated of bottom-lying sludges and sediments. **Figure 3** shows the location of the excavation area of the UST, as well as the location of the confirmation soil samples collected by GEI.

Visual inspection of the UST following removal highlighted several pin-sized holes on the south, north, and west sides of the UST. Field observations noted impacted soil located directly adjacent to these perforations, but the soil impacts did not extend below the UST once the UST was removed and soils could be visually observed. A photo log of the UST removal activities is included as **Appendix A**.

A total of 375-gallons of oily water was removed from the UST and transported for off-Site disposal to Advanced Waste Water Treatment Corporation located in Farmingdale, NY. The sludges generated from decontamination activities were containerized in 330-gallon plastic totes. Approximately 140-Cubic Yards (CY) of impacted soil was stockpiled and covered for future disposal following waste characterization sampling. The solid waste streams were transported off-Site and disposed at Clean Earth of Carteret, located at Carteret, New Jersey. Waste Manifests of disposed wastes associated with the UST removal, decontamination and off-Site disposal are included as **Appendix B**.

Soil samples associated with the UST removal (i.e., sidewall and bottom samples) were collected under the direction of a NYSDEC representative, who was on-Site during excavation activities, and in accordance with the Division of Environmental Remediation Technical Guidance for Site Investigation and Remediation (DER-10); specifically, Section 5.5.

3.2 End-Point Sample Collection and Analysis

A total of nine (9) soil samples were collected following removal of the UST. Eight (8) soil samples were collected directly from the UST grave; six (6) sidewall samples (SW-1 through SW-6) and two (2) bottom samples (EP-1 and EP-2). Under direction of the NYSDEC representative, an additional, deeper, soil sample was collected below the UST grave at approximately 20-ft bgs, where the groundwater table is present (DSB-1). **Figure 3** shows the location of the excavation area of the UST, as well as the confirmation soil sample locations of soils collected by GEI.

Soil samples were properly transported to Pace Analytical Services, LLC, a New York State Department of Health Environmental Laboratory Accreditation Program-certified laboratory under chain-of-custody procedures and analyzed for the following:

- Volatile organic compounds (VOCs) by United States Environmental Protection Agency (USEPA) Method 8260B + 10; and
- Semi-volatile organic compounds (SVOCs) by USEPA Method 8270 + 20.

Under direction of the NYSDEC representative, soil samples SW-2 and DSB-1 were analyzed for the above and the following additional analytical:

- Target Analyte List metals by USEPA Method 6010;

- Mercury by USEPA Method 7470A;
- Pesticides by USEPA Method 8081;
- Herbicides by USEPA Method 8151; and
- Polychlorinated Biphenyls (PCBs) by USEPA Method 8082.

Soil samples were compared to NYSDEC New York Codes, Rules and Regulations Part 375 (Part 375)-6.8(a) Unrestricted Use Soil Cleanup Objectives (UUSCOs) and Restricted Residential Use Soil Cleanup Objectives (RRUSCOs).

No SVOCs, metals, pesticides, herbicides, or PCBs were detected at levels above UUSCOs or RRUSCOs.

VOCs were detected above UUSCOs at the following three (3) locations:

- Acetone exceedances were observed at sidewall samples SW-3 and SW-5, with concentrations of 0.161 milligram per kilogram (mg/kg) and 0.0735 mg/kg, respectively. Based on Site history, and similar detections of acetone in other soil samples, it is assumed that these exceedances are attributable to laboratory sample handling procedures and are not a contaminant of concern at the Site.
- A benzene exceedance was detected in the saturated soil sample DSB-1, which was collected at approximately 20-ft. bgs directly below the UST grave. This sample was collected under direction of the NYSDEC representative to potentially confirm groundwater impacts associated with the Site. Benzene was detected at a concentration of 0.108 milligrams per kilogram (mg/kg), which is likely attributable to upgradient, active NYSDEC Spill No. 15-06371. This assumption is supported by the UST on-Site historically being utilized for fuel oil storage, not gasoline as the benzene suggests. Also, upon removal of the UST, soil impacts did not extend beyond the immediate surrounding area and did not appear to reach the groundwater table.

The analytical data is presented on **Table 1**, and exceedances are summarized on **Figure 3**. Analytical reports associated with the UST end-point soil sampling are included in **Appendix C**.

3.3 Conclusions and Recommendations

The UST located within the Site boundary was removed under supervision of a NYSDEC representative. All remaining liquids and sludge were removed from the UST prior to beginning removal activities, with 375-gallons of these liquids disposed off-Site. A total of 140-cubic yards (CY) of soils associated with the UST removal were transported off-Site for disposal. A total of nine (9) soil samples were collected following removal of the UST.

Following analysis of the collected soil samples, UUSCOs exceedances were detected at three (3) locations. Acetone exceeded UUSCOs at two (2) locations but was not considered a contaminant of concern due to it being a known laboratory handling compound. A benzene UUSCO exceedance was detected solely in the saturated soil sample DSB-1, which was collected at approximately 20-ft. bgs directly below the UST grave. The UST was historically noted to only contain fuel oil during its lifetime and the soil samples collected in the UST grave (i.e., sidewall and bottom samples directly adjacent to the UST) did not have elevated benzene detections. This benzene exceedance has been attributed to upgradient, active, NYSDEC Spill No. 15-06371, which is currently being remediated due to known petroleum-impacts. A map highlighting the soil sample locations and UUSCO exceedances is included as **Figure 3**.

As a result of confirmatory analytical results along with proper removal of the UST, associated parts, and the contaminated soil, GEI respectfully requests that Spill No. 14-11279 be closed and a No Further Action Letter be issued to the Site.

Underground Storage Tank Closure Report
30 Stewart Avenue
Huntington, New York
May 2019

Figures

30 STEWART AVENUE
HUNTINGTON, NEW YORK

0 1000 2000

SOURCE:

USGS HUNTINGTON QUADRANGLE MAP

SCALE: 1" = 1000'

UNDERGROUND STORAGE TANK CLOSURE REPORT
30 STEWART AVENUE
HUNTINGTON, NEW YORK

SITE LOCATION MAP

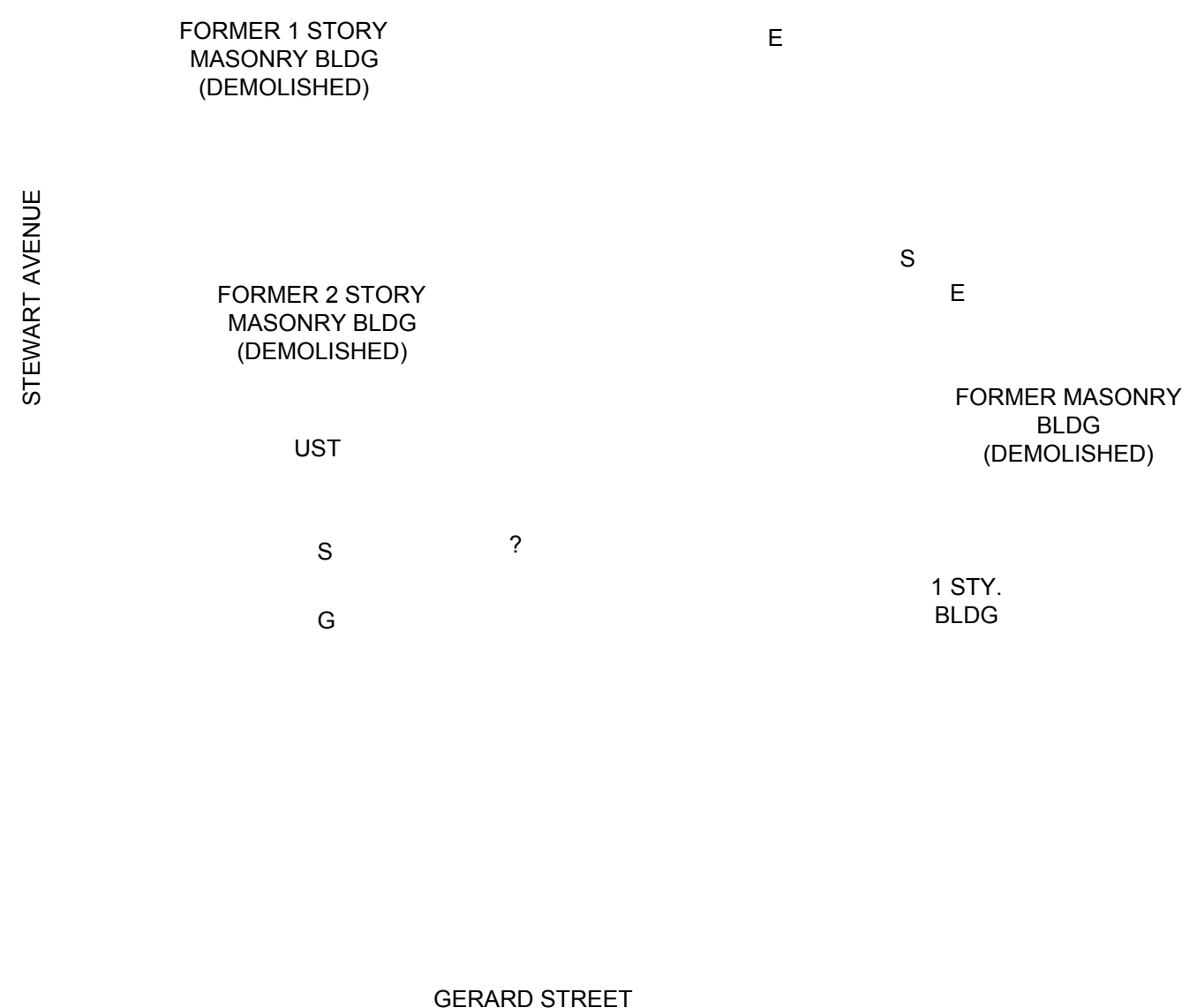
STEWART AVENUE VENTURES LLC
OLD BETHPAGE, NEW YORK

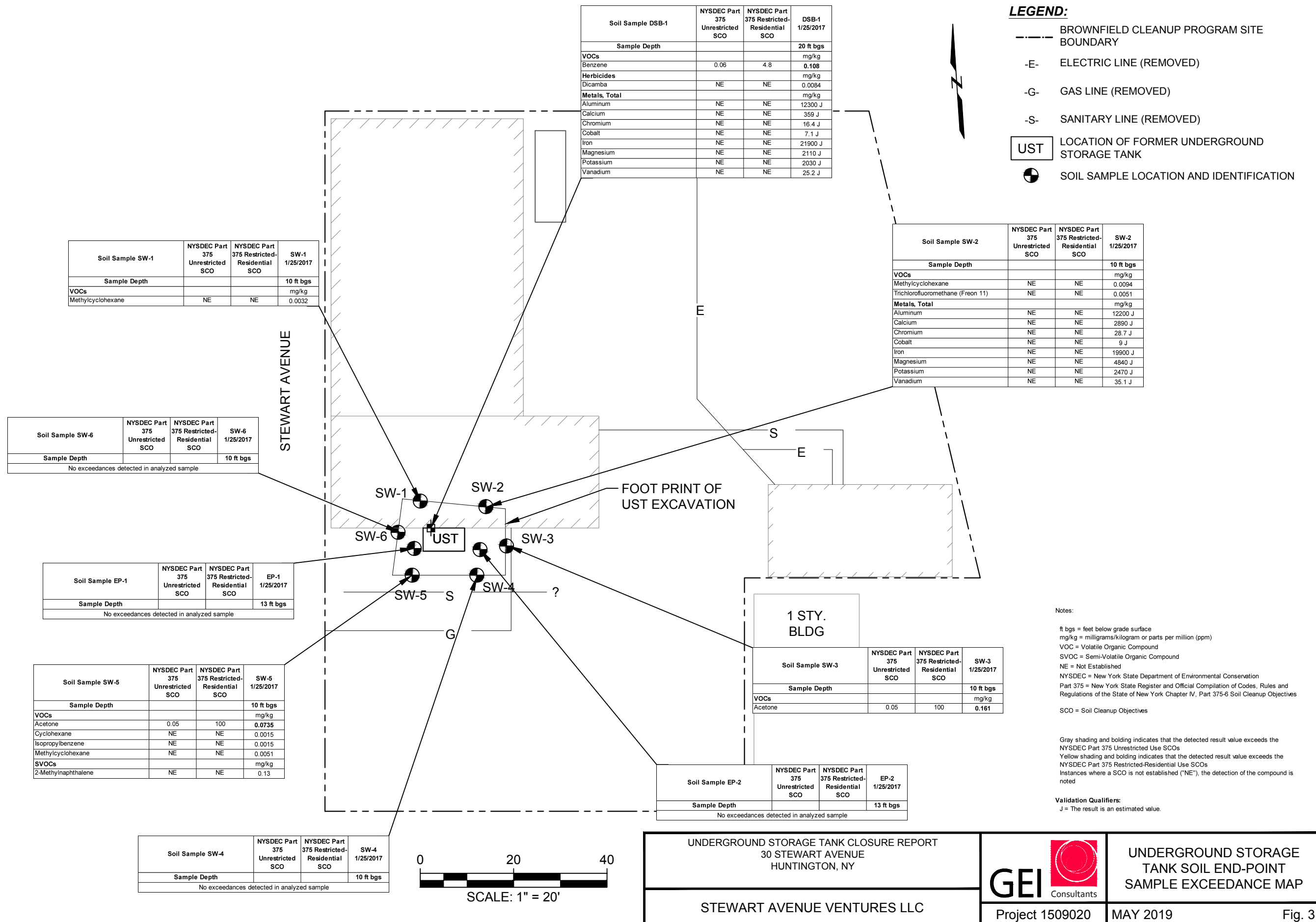
Consultants

Project 1502050 MAY 2019

Fig. 1

- LEGEND:**
- BROWNFIELD CLEANUP PROGRAM SITE BOUNDARY
 - E- ELECTRIC LINE (REMOVED)
 - G- GAS LINE (REMOVED)
 - S- SANITARY LINE (REMOVED)
 - UST LOCATION OF FORMER UNDERGROUND STORAGE TANK





Tables

Table 1: Underground Storage Tank Soil End-Point Analytical Results
Underground Storage Tank Closure Report
30 Stewart Avenue
NYSDEC BCP Site No. C152243

					Sample Name Sample Depth Depth Unit Sample Date Parent Sample	DSB-1 20 ft bgs 1/25/2017	EP-1 13 ft bgs 1/25/2017	DUP-1 13 ft bgs 1/25/2017 EP-1	EP-2 13 ft bgs 1/25/2017	SW-1 10 ft bgs 1/25/2017	SW-2 10 ft bgs 1/25/2017	SW-3 10 ft bgs 1/25/2017
Analyte	Units	CAS No.	Unrestricted SCO	Restricted- Residential SCO								
BTEX	mg/kg											
Benzene		71-43-2	0.06	4.8	0.108	0.0019 U	0.0019 U	0.0019 U	0.0018 U	0.002 U	0.0019 U	0.0021 U
Toluene		108-88-3	0.7	100	0.0021 U	0.0019 U	0.0019 U	0.0019 U	0.0018 U	0.002 U	0.0019 U	0.0012
Ethylbenzene		100-41-4	1	41	0.0021 U	0.0019 U	0.0019 U	0.0019 U	0.0018 U	0.002 U	0.0019 U	0.0021 U
Total Xylene		1330-20-7	0.26	100	0.0021 U	0.0019 U	0.0019 U	0.0019 U	0.0018 U	0.002 U	0.0021	0.0021 U
Total BTEX (ND=0)		TBTEX_ND0	NE	NE	0.108	ND	ND	ND	ND	ND	0.0021	0.0012
Other VOCs	mg/kg											
Acetone		67-64-1	0.05	100	0.0248	0.0019 U	0.0054	0.0095	0.0122	0.0156	0.161	
Bromochloromethane		74-97-5	NE	NE	0.0021 U	0.0019 U	0.0019 U	0.0019 U	0.0018 U	0.002 U	0.0019 U	0.0021 U
Bromodichloromethane		75-27-4	NE	NE	0.0021 U	0.0019 U	0.0019 U	0.0019 U	0.0018 U	0.002 U	0.0019 U	0.0021 U
Bromoform		75-25-2	NE	NE	0.0021 UJ	0.0019 UJ	0.0019 UJ	0.0019 UJ	0.0018 UJ	0.002 UJ	0.0019 UJ	0.0021 UJ
Bromomethane		74-83-9	NE	NE	0.0021 UJ	0.0019 UJ	0.0019 UJ	0.0019 UJ	0.0018 UJ	0.002 UJ	0.0019 UJ	0.0021 UJ
n-Butylbenzene		104-51-8	12	100	0.0021 U	0.0019 U	0.0019 U	0.0019 U	0.0018 U	0.002 U	0.0019 U	0.0021 U
sec-Butylbenzene		135-98-8	11	100	0.0021 U	0.0019 U	0.0019 U	0.0019 U	0.0018 U	0.002 U	0.001	0.0021 U
tert-Butylbenzene		98-06-6	5.9	100	0.0021 U	0.0019 U	0.0019 U	0.0019 U	0.0018 U	0.002 U	0.0019 U	0.0021 U
Carbon disulfide		75-15-0	NE	NE	0.0021 U	0.0019 U	0.0019 U	0.0019 U	0.0018 U	0.002 U	0.0019 U	0.0021 U
Carbon tetrachloride		56-23-5	0.76	2.4	0.0021 U	0.0019 UJ	0.0019 U	0.0019 U	0.0018 U	0.002 U	0.0019 U	0.0021 U
Chlorobenzene		108-90-7	1.1	100	0.0021 U	0.0019 U	0.0019 U	0.0019 U	0.0018 U	0.002 U	0.0019 U	0.0021 U
Chloroethane		75-00-3	NE	NE	0.0021 U	0.0019 U	0.0019 U	0.0019 U	0.0018 U	0.002 U	0.0019 U	0.0021 U
Chloroform (Trichloromethane)		67-66-3	0.37	49	0.0021 U	0.0019 U	0.0019 U	0.0019 U	0.0018 U	0.002 U	0.0019 U	0.0021 U
Chloromethane		74-87-3	NE	NE	0.0021 U	0.0019 U	0.0019 U	0.0019 U	0.0018 U	0.002 U	0.0019 U	0.0021 U
Cyclohexane		110-82-7	NE	NE	0.0021 U	0.0019 U	0.0019 U	0.0019 U	0.0018 U	0.002 U	0.0019 U	0.0021 U
p-Cymene (4-Isopropyltoluene)		99-87-6	NE	NE	0.0021 U	0.0019 U	0.0019 U	0.0019 U	0.0018 U	0.002 U	0.0019 U	0.0021 U
1,2-Dibromo-3-chloropropane		96-12-8	NE	NE	0.0021 U	0.0019 U	0.0019 U	0.0019 U	0.0018 U	0.002 U	0.0019 U	0.0021 U
Dibromochloromethane		124-48-1	NE	NE	0.0021 UJ	0.0019 UJ	0.0019 UJ	0.0019 UJ	0.0018 UJ	0.002 UJ	0.0019 UJ	0.0021 UJ
1,2-Dibromoethane (EDB)		106-93-4	NE	NE	0.0021 U	0.0019 U	0.0019 U	0.0019 U	0.0018 U	0.002 U	0.0019 U	0.0021 U
1,2-Dichlorobenzene		95-50-1	1.1	100	0.0021 U	0.0019 U	0.0019 U	0.0019 U	0.0018 U	0.002 U	0.0019 U	0.0021 U
1,3-Dichlorobenzene		541-73-1	2.4	49	0.0021 U	0.0019 U	0.0019 U	0.0019 U	0.0018 U	0.002 U	0.0019 U	0.0021 U
1,4-Dichlorobenzene		106-46-7	1.8	13	0.0021 U	0.0019 U	0.0019 U	0.0019 U	0.0018 U	0.002 U	0.0019 U	0.0021 U
Dichlorodifluoromethane (Freon 12)		75-71-8	NE	NE	0.0021 UJ	0.0019 U	0.0019 UJ	0.0019 UJ	0.0018 UJ	0.002 UJ	0.0019 UJ	0.0021 UJ
1,1-Dichloroethane		75-34-3	0.27	26	0.0021 U	0.0019 U	0.0019 U	0.0019 U	0.0018 U	0.002 U	0.0019 U	0.0021 U
1,2-Dichloroethane		107-06-2	0.02	3.1	0.0021 U	0.0019 U	0.0019 U	0.0019 U	0.0018 U	0.002 U	0.0019 U	0.0021 U
1,1-Dichloroethene		75-35-4	0.33	100	0.0021 U	0.0019 U	0.0019 U	0.0019 U	0.0018 U	0.002 U	0.0019 U	0.0021 U
cis-1,2-Dichloroethene		156-59-2	0.25	100	0.0021 U	0.0019 U	0.0019 U	0.0019 U	0.0018 U	0.002 U	0.0019 U	0.0021 U
trans-1,2-Dichloroethene		156-60-5	0.19	100	0.0021 U	0.0019 U	0.0019 U	0.0019 U	0.0018 U	0.002 U	0.0019 U	0.0021 U
1,2-Dichloropropane		78-87-5	NE	NE	0.0021 U	0.0019 U	0.0019 U	0.0019 U	0.0018 U	0.002 U	0.0019 U	0.0021 U
cis-1,3-Dichloropropene		10061-01-5	NE	NE	0.0021 U	0.0019 U	0.0019 U	0.0019 U	0.0018 U	0.002 U	0.0019 U	0.0021 U
trans-1,3-Dichloropropene		10061-02-6	NE	NE	0.0021 U	0.0019 U	0.0019 U	0.0019 U	0.0018 U	0.002 U	0.0019 U	0.0021 U
1,4-Dioxane		123-91-1	0.1	13	0.053 UJ	0.048 UJ	0.0484 UJ	0.0462 UJ	0.0495 UJ	0.0469 UJ	0.0469 UJ	0.0518 UJ
2-Hexanone		591-78-6	NE	NE	0.0021 U	0.0019 U	0.0019 U	0.0019 U	0.0018 U	0.002 U	0.0019 U	0.0021 U
Isopropylbenzene		98-82-8	NE	NE	0.0021 U	0.0019 U	0.0019 U	0.0019 U	0.0018 U	0.002 U	0.0019 U	0.0021 U
Methyl acetate		79-20-9	NE	NE	0.0021 U	0.0019 U	0.0019 U	0.0019 U	0.0018 U	0.002 U	0.0019 U	0.0021 U
Methyl ethyl ketone (2-Butanone)		78-93-3	0.12	100	0.0081	0.0019 U	0.0019 U	0.0019 U	0.0018 U	0.002 U	0.0019 U	0.0128
Methyl tert-butyl ether (MTBE)		1634-04-4	0.93	100	0.0021 UJ	0.0019 U	0.0019 UJ	0.0019 UJ	0.0018 UJ	0.002 UJ	0.0019 UJ	0.0021 UJ
4-Methyl-2-pentanone (MIBK)		108-10-1	NE	NE	0.0021 U	0.0019 U	0.0019 U	0.0019 U	0.0018 U	0.002 U	0.0019 U	0.0021 U
Methylcyclohexane		108-87-2	NE	NE	0.0021 U	0.0019 U	0.0019 U	0.0019 U	0.0018 U	0.0032	0.0094	0.0021 U

Table 1: Underground Storage Tank Soil End-Point Analytical Results
Underground Storage Tank Closure Report
30 Stewart Avenue
NYSDEC BCP Site No. C152243

					Sample Name Sample Depth Depth Unit Sample Date Parent Sample	DSB-1 20 ft bgs 1/25/2017	EP-1 13 ft bgs 1/25/2017	DUP-1 13 ft bgs 1/25/2017 EP-1	EP-2 13 ft bgs 1/25/2017	SW-1 10 ft bgs 1/25/2017	SW-2 10 ft bgs 1/25/2017	SW-3 10 ft bgs 1/25/2017
Analyte	Units	CAS No.	Unrestricted SCO	Restricted- Residential SCO								
Methylene chloride		75-09-2	0.05	100		0.0021 U	0.0019 U	0.0019 U	0.0018 U	0.002 U	0.0019 U	0.0021 U
n-Propylbenzene		103-65-1	3.9	100		0.0021 U	0.0019 U	0.0019 U	0.0018 U	0.002 U	0.0019 U	0.0021 U
Styrene		100-42-5	NE	NE		0.0021 U	0.0019 U	0.0019 U	0.0018 U	0.002 U	0.0019 U	0.0021 U
1,1,2,2-Tetrachloroethane		79-34-5	NE	NE		0.0021 U	0.0019 U	0.0019 U	0.0018 U	0.002 U	0.0019 U	0.0021 U
Tetrachloroethene (PCE)		127-18-4	1.3	19		0.0021 U	0.0019 U	0.0019 U	0.0018 U	0.002 U	0.0019 U	0.0021 U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)		76-13-1	NE	NE		0.0021 U	0.0019 U	0.0019 U	0.0018 U	0.002 U	0.0019 U	0.0021 U
1,2,3-Trichlorobenzene		87-61-6	NE	NE		0.0021 U	0.0019 U	0.0019 U	0.0018 U	0.002 U	0.0019 U	0.0021 U
1,2,4-Trichlorobenzene		120-82-1	NE	NE		0.0021 U	0.0019 U	0.0019 U	0.0018 U	0.002 U	0.0019 U	0.0021 U
1,1,1-Trichloroethane (TCA)		71-55-6	0.68	100		0.0021 U	0.0019 U	0.0019 U	0.0018 U	0.002 U	0.0019 U	0.0021 U
1,1,2-Trichloroethane		79-00-5	NE	NE		0.0021 U	0.0019 U	0.0019 U	0.0018 U	0.002 U	0.0019 U	0.0021 U
Trichloroethene (TCE)		79-01-6	0.47	21		0.0021 U	0.0019 U	0.0019 U	0.0018 U	0.002 U	0.0019 U	0.0021 U
Trichlorofluoromethane (Freon 11)		75-69-4	NE	NE		0.0021 U	0.0019 U	0.0019 U	0.0018 U	0.002 U	0.0051	0.0021 U
1,2,4-Trimethylbenzene		95-63-6	3.6	52		0.002	0.0019 U	0.0019 U	0.0013	0.002 U	0.0014	0.0021 U
1,3,5-Trimethylbenzene		108-67-8	8.4	52		0.0021 U	0.0019 U	0.0019 U	0.0018 U	0.002 U	0.0015	0.0021 U
Vinyl chloride		75-01-4	0.02	0.9		0.0021 U	0.0019 U	0.0019 U	0.0018 U	0.002 U	0.0019 U	0.0021 U
Total VOCs (ND=0)		TVOC_ND0	NE	NE		0.1429	ND	0.0054	0.0108	0.0154	0.0361	0.175
NYSDEC PAH17	mg/kg											
Acenaphthene		83-32-9	20	100		0.0865 U	0.0752 U	0.0758 U	0.0773 U	0.0829 U	0.0807 U	0.0789 U
Acenaphthylene		208-96-8	100	100		0.0865 U	0.0752 U	0.0758 U	0.0773 U	0.0829 U	0.0807 U	0.0789 U
Anthracene		120-12-7	100	100		0.0865 U	0.0752 U	0.0758 U	0.0773 U	0.0829 U	0.0807 U	0.0789 U
Benzo(a)anthracene		56-55-3	1	1		0.0865 U	0.0752 U	0.0758 U	0.0773 U	0.0829 U	0.0807 U	0.0789 U
Benzo(b)fluoranthene		205-99-2	1	1		0.0865 U	0.0752 U	0.0758 U	0.0773 U	0.0829 U	0.0807 U	0.0789 U
Benzo(k)fluoranthene		207-08-9	0.8	3.9		0.0865 U	0.0752 U	0.0758 U	0.0773 U	0.0829 U	0.0807 U	0.0789 U
Benzo(g,h,i)perylene		191-24-2	100	100		0.0865 U	0.0752 U	0.0758 U	0.0773 U	0.0829 U	0.0807 U	0.0789 UJ
Benzo(a)pyrene		50-32-8	1	1		0.0865 U	0.0752 U	0.0758 U	0.0773 U	0.0829 U	0.0807 U	0.0789 U
Chrysene		218-01-9	1	3.9		0.0865 U	0.0752 U	0.0758 U	0.0773 U	0.0829 U	0.0807 U	0.0789 U
Dibenz(a,h)anthracene		53-70-3	0.33	0.33		0.0865 U	0.0752 U	0.0758 U	0.0773 U	0.0829 U	0.0807 U	0.0789 UJ
Fluoranthene		206-44-0	100	100		0.0865 U	0.0752 U	0.0758 U	0.0773 U	0.0829 U	0.0807 U	0.0789 U
Fluorene		86-73-7	30	100		0.0865 U	0.0752 U	0.0758 U	0.0773 U	0.0829 U	0.0807 U	0.0789 U
Indeno(1,2,3-cd)pyrene		193-39-5	0.5	0.5		0.0865 U	0.0752 U	0.0758 U	0.0773 U	0.0829 U	0.0807 U	0.0789 U
2-Methylnaphthalene		91-57-6	NE	NE		0.0865 U	0.0752 U	0.0758 U	0.0773 U	0.0829 U	0.0807 U	0.0789 U
Naphthalene		91-20-3	12	100		0.0865 U	0.0752 U	0.0758 U	0.0773 U	0.0829 U	0.0807 U	0.0789 U
Phenanthrene		85-01-8	100	100		0.0865 U	0.0752 U	0.0758 U	0.0773 U	0.0829 U	0.0807 U	0.0789 U
Pyrene		129-00-0	100	100		0.0865 U	0.0752 U	0.0758 U	0.0773 U	0.0829 U	0.0807 U	0.0789 U
Total PAH (17) (ND=0)		TPAH17_ND0	NE	NE		ND	ND	ND	ND	ND	ND	ND
NYSDEC PAH17 Other SVOCs	mg/kg											
Acetophenone		98-86-2	NE	NE		0.0865 U	0.0752 U	0.0758 U	0.0773 U	0.0829 U	0.0807 U	0.0789 U
Atrazine		1912-24-9	NE	NE		0.0865 U	0.0752 U	0.0758 U	0.0773 U	0.0829 U	0.0807 U	0.0789 U
Benzaldehyde		100-52-7	NE	NE		0.0865 UJ	0.0752 UJ	0.0758 UJ	0.0773 UJ	0.0829 UJ	0.0807 UJ	0.0789 UJ
Biphenyl (1,1-Biphenyl)		92-52-4	NE	NE		0.0865 U	0.0752 U	0.0758 U	0.0773 U	0.0829 U	0.0807 U	0.0789 U
Bis(2-chloroethoxy)methane		111-91-1	NE	NE		0.0865 UJ	0.0752 UJ	0.0758 UJ	0.0773 UJ	0.0829 UJ	0.0807 UJ	0.0789 UJ
Bis(2-chloroethyl)ether		111-44-4	NE	NE		0.0865 U	0.0752 U	0.0758 U	0.0773 U	0.0829 U	0.0807 U	0.0789 U
2,2-oxybis(1-Chloropropane)		108-60-1	NE	NE		0.0865 U	0.0752 U	0.0758 U	0.0773 U	0.0829 U	0.0807 U	0.0789 U
Bis(2-ethylhexyl)phthalate		117-81-7	NE	NE		0.0865 U	0.0752 U	0.0758 U	0.0773 U	0.0829 U	0.0807 U	0.0789 U
4-Bromophenyl phenyl ether		101-55-3	NE	NE		0.0865 U	0.0752 U	0.0758 U	0.0773 U	0.0829 U	0.0807 U	0.0789 U
Butyl benzyl phthalate		85-68-7	NE	NE		0.0865 U	0.0752 U	0.0758 U	0.0773 U	0.0829 U	0.0807 U	0.0789 UJ

Table 1: Underground Storage Tank Soil End-Point Analytical Results
Underground Storage Tank Closure Report
30 Stewart Avenue
NYSDEC BCP Site No. C152243

					Sample Name Sample Depth Depth Unit Sample Date Parent Sample	DSB-1 20 ft bgs 1/25/2017	EP-1 13 ft bgs 1/25/2017	DUP-1 13 ft bgs 1/25/2017 EP-1	EP-2 13 ft bgs 1/25/2017	SW-1 10 ft bgs 1/25/2017	SW-2 10 ft bgs 1/25/2017	SW-3 10 ft bgs 1/25/2017
Analyte	Units	CAS No.	Unrestricted SCO	Restricted- Residential SCO								
Caprolactam		105-60-2	NE	NE		0.0865 U	0.0752 U	0.0758 U	0.0773 U	0.0829 U	0.0807 U	0.0789 U
Carbazole		86-74-8	NE	NE		0.0865 U	0.0752 U	0.0758 U	0.0773 U	0.0829 U	0.0807 U	0.0789 U
4-Chloro-3-methylphenol		59-50-7	NE	NE		0.0865 U	0.0752 U	0.0758 U	0.0773 U	0.0829 U	0.0807 U	0.0789 U
4-Chloroaniline		106-47-8	NE	NE		0.426 U	0.37 U	0.373 U	0.381 U	0.408 U	0.397 U	0.389 U
2-Chloronaphthalene		91-58-7	NE	NE		0.0865 U	0.0752 U	0.0758 U	0.0773 U	0.0829 U	0.0807 U	0.0789 U
2-Chlorophenol		95-57-8	NE	NE		0.0865 U	0.0752 U	0.0758 U	0.0773 U	0.0829 U	0.0807 U	0.0789 U
4-Chlorophenyl phenyl ether		7005-72-3	NE	NE		0.0865 U	0.0752 U	0.0758 U	0.0773 U	0.0829 U	0.0807 U	0.0789 U
Dibenzofuran		132-64-9	7	59		0.0865 U	0.0752 U	0.0758 U	0.0773 U	0.0829 U	0.0807 U	0.0789 U
3,3-Dichlorobenzidine		91-94-1	NE	NE		0.426 U	0.37 U	0.373 U	0.381 U	0.408 U	0.397 U	0.389 UJ
2,4-Dichlorophenol		120-83-2	NE	NE		0.0865 U	0.0752 U	0.0758 U	0.0773 U	0.0829 U	0.0807 U	0.0789 U
Diethyl phthalate		84-66-2	NE	NE		0.0865 U	0.0752 U	0.0758 U	0.0773 U	0.0829 U	0.0807 U	0.0789 U
Dimethyl phthalate		131-11-3	NE	NE		0.0865 U	0.0752 U	0.0758 U	0.0773 U	0.0829 U	0.0807 U	0.0789 U
2,4-Dimethylphenol		105-67-9	NE	NE		0.0865 U	0.0752 U	0.0758 U	0.0773 U	0.0829 U	0.0807 U	0.0789 U
Di-n-butyl phthalate		84-74-2	NE	NE		0.0865 U	0.0752 U	0.0758 U	0.0773 U	0.0829 U	0.0807 U	0.0789 U
4,6-Dinitro-2-methylphenol		534-52-1	NE	NE		0.865 U	0.752 U	0.758 U	0.773 U	0.829 U	0.807 U	0.789 U
2,4-Dinitrophenol		51-28-5	NE	NE		0.865 U	0.752 U	0.758 U	0.773 U	0.829 U	0.807 U	0.789 U
2,4-Dinitrotoluene		121-14-2	NE	NE		0.426 U	0.37 U	0.373 U	0.381 U	0.408 U	0.397 U	0.389 U
2,6-Dinitrotoluene		606-20-2	NE	NE		0.426 U	0.37 U	0.373 U	0.381 U	0.408 U	0.397 U	0.389 U
Di-n-octyl phthalate		117-84-0	NE	NE		0.0865 U	0.0752 U	0.0758 U	0.0773 U	0.0829 U	0.0807 U	0.0789 U
Hexachlorobenzene		118-74-1	0.33	1.2		0.0865 U	0.0752 U	0.0758 U	0.0773 U	0.0829 U	0.0807 U	0.0789 UJ
1,3-Hexachlorobutadiene (C-46)		87-68-3	NE	NE		0.0865 U	0.0752 U	0.0758 U	0.0773 U	0.0829 U	0.0807 U	0.0789 U
Hexachlorocyclopentadiene		77-47-4	NE	NE		0.426 UJ	0.37 UJ	0.373 UJ	0.381 UJ	0.408 UJ	0.397 UJ	0.389 UJ
Hexachloroethane		67-72-1	NE	NE		0.0865 U	0.0752 U	0.0758 U	0.0773 U	0.0829 U	0.0807 U	0.0789 U
Isophorone		78-59-1	NE	NE		0.0865 U	0.0752 U	0.0758 U	0.0773 U	0.0829 U	0.0807 U	0.0789 U
2-Methylphenol (o-Cresol)		95-48-7	0.33	100		0.0865 U	0.0752 U	0.0758 U	0.0773 U	0.0829 U	0.0807 U	0.0789 U
3,4-Methylphenol (m,p-Cresol)		108394/106445	NE	NE		0.0865 U	0.0752 U	0.0758 U	0.0773 U	0.0829 U	0.0807 U	0.0789 U
2-Nitroaniline		88-74-4	NE	NE		0.426 U	0.37 U	0.373 U	0.381 U	0.408 U	0.397 U	0.389 U
3-Nitroaniline		99-09-2	NE	NE		0.426 U	0.37 U	0.373 U	0.381 U	0.408 U	0.397 U	0.389 U
4-Nitroaniline		100-01-6	NE	NE		0.426 U	0.37 U	0.373 U	0.381 U	0.408 U	0.397 U	0.389 UJ
Nitrobenzene		98-95-3	NE	NE		0.0865 U	0.0752 U	0.0758 U	0.0773 U	0.0829 U	0.0807 U	0.0789 U
2-Nitrophenol		88-75-5	NE	NE		0.426 U	0.37 U	0.373 U	0.381 U	0.408 U	0.397 U	0.389 U
4-Nitrophenol		100-02-7	NE	NE		0.865 UJ	0.752 UJ	0.758 UJ	0.773 UJ	0.829 UJ	0.807 UJ	0.789 UJ
N-Nitrosodiphenylamine (NDFA)		86-30-6	NE	NE		0.0865 UJ	0.0752 UJ	0.0758 UJ	0.0773 UJ	0.0829 UJ	0.0807 UJ	0.0789 UJ
N-Nitrosodi-n-propylamine (NDPA)		621-64-7	NE	NE		0.0865 U	0.0752 U	0.0758 U	0.0773 U	0.0829 U	0.0807 U	0.0789 U
Pentachlorophenol		87-86-5	0.8	6.7		0.865 UJ	0.752 UJ	0.758 UJ	0.773 UJ	0.829 UJ	0.807 UJ	0.789 UJ
Phenol		108-95-2	0.33	100		0.0865 U	0.0752 U	0.0758 U	0.0773 U	0.0829 U	0.0807 U	0.0789 U
1,2,4,5-Tetrachlorobenzene		95-94-3	NE	NE		0.0865 U	0.0752 U	0.0758 U	0.0773 U	0.0829 U	0.0807 U	0.0789 U
1,2,4-Trichlorobenzene		120-82-1	NE	NE		0.0865 U	0.0752 U	0.0758 U	0.0773 U	0.0829 U	0.0807 U	0.0789 U
2,4,5-Trichlorophenol		95-95-4	NE	NE		0.0865 U	0.0752 U	0.0758 U	0.0773 U	0.0829 U	0.0807 U	0.0789 U
2,4,6-Trichlorophenol		88-06-2	NE	NE		0.0865 U	0.0752 U	0.0758 U	0.0773 U	0.0829 U	0.0807 U	0.0789 U
Total SVOCs (ND=0)		TSVOC_ND0	NE	NE		ND	ND	ND	ND	ND	ND	ND
PCB Aroclors	mg/kg											
Aroclor 1016		12674-11-2	NE	NE		0.0426 U	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed	0.0397 U	Not Analyzed
Aroclor 1221		11104-28-2	NE	NE		0.0865 U					0.0807 U	
Aroclor 1232		11141-16-5	NE	NE		0.0426 U					0.0397 U	
Aroclor 1242		53469-21-9	NE	NE		0.0426 U					0.0397 U	

Table 1: Underground Storage Tank Soil End-Point Analytical Results
Underground Storage Tank Closure Report
30 Stewart Avenue
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Sample Name Sample Depth Depth Unit Sample Date Parent Sample					DSB-1 20 ft bgs 1/25/2017	EP-1 13 ft bgs 1/25/2017	DUP-1 13 ft bgs 1/25/2017 EP-1	EP-2 13 ft bgs 1/25/2017	SW-1 10 ft bgs 1/25/2017	SW-2 10 ft bgs 1/25/2017	SW-3 10 ft bgs 1/25/2017
Analyte	Units	CAS No.	Unrestricted SCO	Restricted- Residential SCO							
Aroclor 1248		12672-29-6	NE	NE	0.0426 U	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed	0.0397 U	Not Analyzed
Aroclor 1254		11097-69-1	NE	NE	0.0426 U					0.0397 U	
Aroclor 1260		11096-82-5	NE	NE	0.0426 U					0.0397 U	
Total PCB Aroclors (ND=0)		TPCB-AR_ND0	0.1	1	ND					ND	
Pesticides	mg/kg										
Aldrin		309-00-2	0.005	0.097	0.0022 U	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed	0.002 U	Not Analyzed
alpha-BHC (Hexachlorocyclohexane)		319-84-6	0.02	0.48	0.0022 U					0.002 U	
beta-BHC (beta-Hexachlorocyclohexane)		319-85-7	0.036	0.36	0.0022 U					0.002 U	
gamma-BHC (gamma-Hexachlorocyclohexane) (Lindane)		58-89-9	0.1	1.3	0.0022 U					0.002 U	
delta-BHC (delta-Hexachlorocyclohexane)		319-86-8	0.04	100	0.0022 U					0.002 U	
alpha-chlordane		5103-71-9	0.094	4.2	0.0022 U					0.002 U	
gamma-Chlordane		5103-74-2	NE	NE	0.0022 U					0.002 U	
2,4-D (2,4-Dichlorophenoxyacetic acid)		94-75-7	NE	NE	0.0129 U					0.012 U	
4,4'-DDT (p,p'-DDT)		50-29-3	0.0033	7.9	0.0043 U					0.004 U	
4,4'-DDE (p,p'-DDE)		72-55-9	0.0033	8.9	0.0043 U					0.004 U	
4,4-DDD (p,p-DDD)		72-54-8	0.0033	13	0.0043 UJ					0.004 UJ	
Dieldrin		60-57-1	0.005	0.2	0.0043 U					0.004 U	
alpha-Endosulfan (I)		959-98-8	2.4	24	0.0022 UJ					0.002 UJ	
beta-Endosulfan (II)		33213-65-9	2.4	24	0.0043 UJ					0.004 UJ	
Endosulfan sulfate		1031-07-8	2.4	24	0.0043 U					0.004 U	
Endrin		72-20-8	0.014	11	0.0043 U					0.004 U	
Endrin aldehyde		7421-93-4	NE	NE	0.0043 U					0.004 U	
Endrin ketone		53494-70-5	NE	NE	0.0043 U					0.004 U	
Heptachlor		76-44-8	0.042	2.1	0.0022 U					0.002 U	
Heptachlor epoxide		1024-57-3	NE	NE	0.0022 U					0.002 U	
Methoxychlor		72-43-5	NE	NE	0.0219 U					0.0205 U	
2,4,5-TP (Silvex)		93-72-1	3.8	100	0.0064 U					0.006 U	
Toxaphene		8001-35-2	NE	NE	0.219 U					0.205 U	
Total Pesticides (ND=0)		TPEST_ND0	NE	NE	ND					ND	
Herbicides	mg/kg										
Dicamba		1918-00-9	NE	NE	0.0084	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed	0.0036 U	Not Analyzed
2,4,5-T (2,4,5-Trichlorophenoxyacetic acid)		93-76-5	NE	NE	0.0064 UJ					0.006 UJ	
2,4,5-TP (Silvex)		93-72-1	3.8	100	0.0064 U					0.006 U	
Total Herbicides (ND=0)		THERB_ND0	NE	NE	0.0084					ND	
Total Metals	mg/kg										
Aluminum		7429-90-5	NE	NE	12300 J	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed	12200 J	Not Analyzed
Antimony		7440-36-0	NE	NE	3.9 UJ					3.6 UJ	
Arsenic		7440-38-2	13	16	6.8 J					6.7 J	
Barium		7440-39-3	350	400	60.8 J					81.7 J	
Beryllium		7440-41-7	7.2	72	1.4 J					0.37 J	
Cadmium		7440-43-9	2.5	4.3	0.25					0.31	
Calcium		7440-70-2	NE	NE	359 J					2890 J	
Chromium		7440-47-3	NE	NE	16.4 J					28.7 J	
Cobalt		7440-48-4	NE	NE	7.1 J					9 J	
Copper		7440-50-8	50	270	17.6					23.6	

Table 1: Underground Storage Tank Soil End-Point Analytical Results
Underground Storage Tank Closure Report
30 Stewart Avenue
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					Sample Name	DSB-1	EP-1	DUP-1	EP-2	SW-1	SW-2	SW-3
					Sample Depth	20	13	13	13	10	10	10
					Depth Unit	ft bgs	ft bgs	ft bgs	ft bgs	ft bgs	ft bgs	ft bgs
					Sample Date	1/25/2017	1/25/2017	1/25/2017	1/25/2017	1/25/2017	1/25/2017	1/25/2017
					Parent Sample			EP-1				
Analyte	Units	CAS No.	Unrestricted SCO	Restricted-Residential SCO								
Iron		7439-89-6	NE	NE	21900 J	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed	19900 J	Not Analyzed	
Lead		7439-92-1	63	400	7.8 J					20.6 J		
Magnesium		7439-95-4	NE	NE	2110 J					4840 J		
Manganese		7439-96-5	1600	2000	278 J					305 J		
Mercury		7439-97-6	0.18	0.81	0.048 U					0.043 U		
Nickel		7440-02-0	30	310	10.9 J					16.6 J		
Potassium		7440-09-7	NE	NE	2030 J					2470 J		
Selenium		7782-49-2	3.9	180	0.65 UJ					0.6 UJ		
Silver		7440-22-4	2	180	0.65 U					0.6 U		
Sodium		7440-23-5	NE	NE	323 U					301 U		
Thallium		7440-28-0	NE	NE	0.65 UJ					0.6 UJ		
Vanadium		7440-62-2	NE	NE	25.2 J					35.1 J		
Zinc		7440-66-6	109	10000	28.3					42.9		
Other												
Percent Moisture	%	MOIST	NE	NE	22.5	10.9	11.6	13.4	19.2	17	15.1	

Table 1: Underground Storage Tank Soil End-Point Analytical Results
Underground Storage Tank Closure Report
30 Stewart Avenue
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					Sample Name Sample Depth Depth Unit Sample Date Parent Sample	SW-4 10 ft bgs 1/25/2017	SW-5 10 ft bgs 1/25/2017	SW-6 10 ft bgs 1/25/2017
Analyte	Units	CAS No.	Unrestricted SCO	Restricted- Residential SCO				
BTEX	mg/kg							
Benzene		71-43-2	0.06	4.8	0.0022 U	0.002 U	0.0019 U	
Toluene		108-88-3	0.7	100	0.0012	0.002 U	0.001	
Ethylbenzene		100-41-4	1	41	0.0022 U	0.002 U	0.0019 U	
Total Xylene		1330-20-7	0.26	100	0.0022 U	0.002 U	0.0019 U	
Total BTEX (ND=0)		TBTEX_ND0	NE	NE	0.0012	ND	0.001	
Other VOCs	mg/kg							
Acetone		67-64-1	0.05	100	0.0249	0.0735	0.0309	
Bromochloromethane		74-97-5	NE	NE	0.0022 U	0.002 U	0.0019 U	
Bromodichloromethane		75-27-4	NE	NE	0.0022 U	0.002 U	0.0019 U	
Bromoform		75-25-2	NE	NE	0.0022 UJ	0.002 UJ	0.0019 UJ	
Bromomethane		74-83-9	NE	NE	0.0022 UJ	0.002 UJ	0.0019 UJ	
n-Butylbenzene		104-51-8	12	100	0.0022 U	0.002 U	0.0019 U	
sec-Butylbenzene		135-98-8	11	100	0.0022 U	0.002 U	0.0019 U	
tert-Butylbenzene		98-06-6	5.9	100	0.0022 U	0.002 U	0.0019 U	
Carbon disulfide		75-15-0	NE	NE	0.0022 U	0.002 U	0.0019 U	
Carbon tetrachloride		56-23-5	0.76	2.4	0.0022 U	0.002 U	0.0019 U	
Chlorobenzene		108-90-7	1.1	100	0.0022 U	0.002 U	0.0019 U	
Chloroethane		75-00-3	NE	NE	0.0022 U	0.002 U	0.0019 U	
Chloroform (Trichloromethane)		67-66-3	0.37	49	0.0022 U	0.002 U	0.0019 U	
Chloromethane		74-87-3	NE	NE	0.0022 U	0.002 U	0.0019 U	
Cyclohexane		110-82-7	NE	NE	0.0022 U	0.0015	0.0019 U	
p-Cymene (4-Isopropyltoluene)		99-87-6	NE	NE	0.0022 U	0.002 U	0.0019 U	
1,2-Dibromo-3-chloropropane		96-12-8	NE	NE	0.0022 U	0.002 U	0.0019 U	
Dibromochloromethane		124-48-1	NE	NE	0.0022 UJ	0.002 UJ	0.0019 UJ	
1,2-Dibromoethane (EDB)		106-93-4	NE	NE	0.0022 U	0.002 U	0.0019 U	
1,2-Dichlorobenzene		95-50-1	1.1	100	0.0022 U	0.002 U	0.0019 U	
1,3-Dichlorobenzene		541-73-1	2.4	49	0.0022 U	0.002 U	0.0019 U	
1,4-Dichlorobenzene		106-46-7	1.8	13	0.0022 U	0.002 U	0.0019 U	
Dichlorodifluoromethane (Freon 12)		75-71-8	NE	NE	0.0022 UJ	0.002 UJ	0.0019 UJ	
1,1-Dichloroethane		75-34-3	0.27	26	0.0022 U	0.002 U	0.0019 U	
1,2-Dichloroethane		107-06-2	0.02	3.1	0.0022 U	0.002 U	0.0019 U	
1,1-Dichloroethene		75-35-4	0.33	100	0.0022 U	0.002 U	0.0019 U	
cis-1,2-Dichloroethene		156-59-2	0.25	100	0.0022 U	0.002 U	0.0019 U	
trans-1,2-Dichloroethene		156-60-5	0.19	100	0.0022 U	0.002 U	0.0019 U	
1,2-Dichloropropane		78-87-5	NE	NE	0.0022 U	0.002 U	0.0019 U	
cis-1,3-Dichloropropene		10061-01-5	NE	NE	0.0022 U	0.002 U	0.0019 U	
trans-1,3-Dichloropropene		10061-02-6	NE	NE	0.0022 U	0.002 U	0.0019 U	
1,4-Dioxane		123-91-1	0.1	13	0.0554 UJ	0.05 UJ	0.0473 UJ	
2-Hexanone		591-78-6	NE	NE	0.0022 U	0.002 U	0.0019 U	
Isopropylbenzene		98-82-8	NE	NE	0.0022 U	0.0015	0.0019 U	
Methyl acetate		79-20-9	NE	NE	0.0022 U	0.002 U	0.0019 U	
Methyl ethyl ketone (2-Butanone)		78-93-3	0.12	100	0.0014	0.007	0.0019 U	
Methyl tert-butyl ether (MTBE)		1634-04-4	0.93	100	0.0042 J	0.0024 J	0.0019 UJ	
4-Methyl-2-pentanone (MIBK)		108-10-1	NE	NE	0.0022 U	0.002 U	0.0019 U	
Methylcyclohexane		108-87-2	NE	NE	0.0022 U	0.0051	0.0019 U	

Table 1: Underground Storage Tank Soil End-Point Analytical Results
Underground Storage Tank Closure Report
30 Stewart Avenue
NYSDEC BCP Site No. C152243

					Sample Name Sample Depth Depth Unit Sample Date Parent Sample	SW-4 10 ft bgs 1/25/2017	SW-5 10 ft bgs 1/25/2017	SW-6 10 ft bgs 1/25/2017
Analyte	Units	CAS No.	Unrestricted SCO	Restricted- Residential SCO				
Methylene chloride		75-09-2	0.05	100		0.0022 U	0.002 U	0.0019 U
n-Propylbenzene		103-65-1	3.9	100		0.0022 U	0.002 U	0.0019 U
Styrene		100-42-5	NE	NE		0.0022 U	0.002 U	0.0019 U
1,1,2,2-Tetrachloroethane		79-34-5	NE	NE		0.0022 U	0.002 U	0.0019 U
Tetrachloroethene (PCE)		127-18-4	1.3	19		0.0022 U	0.002 U	0.0019 U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)		76-13-1	NE	NE		0.0022 U	0.002 U	0.0019 U
1,2,3-Trichlorobenzene		87-61-6	NE	NE		0.0022 U	0.002 U	0.0019 U
1,2,4-Trichlorobenzene		120-82-1	NE	NE		0.0022 U	0.002 U	0.0019 U
1,1,1-Trichloroethane (TCA)		71-55-6	0.68	100		0.0022 U	0.002 U	0.0019 U
1,1,2-Trichloroethane		79-00-5	NE	NE		0.0022 U	0.002 U	0.0019 U
Trichloroethene (TCE)		79-01-6	0.47	21		0.0022 U	0.002 U	0.0019 U
Trichlorofluoromethane (Freon 11)		75-69-4	NE	NE		0.0022 U	0.002 U	0.0019 U
1,2,4-Trimethylbenzene		95-63-6	3.6	52		0.0022 U	0.002 U	0.0019 U
1,3,5-Trimethylbenzene		108-67-8	8.4	52		0.0022 U	0.002 U	0.0019 U
Vinyl chloride		75-01-4	0.02	0.9		0.0022 U	0.002 U	0.0019 U
Total VOCs (ND=0)		TVOC_ND0	NE	NE		0.0317	0.091	0.0319
NYSDEC PAH17	mg/kg							
Acenaphthene		83-32-9	20	100		0.0885 U	0.161	0.0796 U
Acenaphthylene		208-96-8	100	100		0.0885 U	0.0828 U	0.0796 U
Anthracene		120-12-7	100	100		0.0885 U	0.348	0.0796 U
Benzo(a)anthracene		56-55-3	1	1		0.0885 U	0.835	0.0796 U
Benzo(b)fluoranthene		205-99-2	1	1		0.0885 U	0.862	0.0796 U
Benzo(k)fluoranthene		207-08-9	0.8	3.9		0.0885 U	0.36	0.0796 U
Benzo(g,h,i)perylene		191-24-2	100	100		0.0885 U	0.298	0.0796 U
Benzo(a)pyrene		50-32-8	1	1		0.0885 U	0.655	0.0796 U
Chrysene		218-01-9	1	3.9		0.0885 U	0.86	0.0796 U
Dibenz(a,h)anthracene		53-70-3	0.33	0.33		0.0885 U	0.101	0.0796 U
Fluoranthene		206-44-0	100	100		0.0885 U	1.8	0.0796 U
Fluorene		86-73-7	30	100		0.0885 U	0.267	0.0796 U
Indeno(1,2,3-cd)pyrene		193-39-5	0.5	0.5		0.0885 U	0.312	0.0796 U
2-Methylnaphthalene		91-57-6	NE	NE		0.0885 U	0.13	0.0796 U
Naphthalene		91-20-3	12	100		0.0885 U	0.193	0.0796 U
Phenanthrene		85-01-8	100	100		0.0885 U	0.927	0.0796 U
Pyrene		129-00-0	100	100		0.0885 U	1.56	0.0796 U
Total PAH (17) (ND=0)		TPAH17_ND0	NE	NE		ND	9.669	ND
NYSDEC PAH17 Other SVOCs	mg/kg							
Acetophenone		98-86-2	NE	NE		0.0885 U	0.0828 U	0.0796 U
Atrazine		1912-24-9	NE	NE		0.0885 U	0.0828 U	0.0796 U
Benzaldehyde		100-52-7	NE	NE		0.0885 UJ	0.0828 UJ	0.0796 UJ
Biphenyl (1,1-Biphenyl)		92-52-4	NE	NE		0.0885 U	0.0828 U	0.0796 U
Bis(2-chloroethoxy)methane		111-91-1	NE	NE		0.0885 UJ	0.0828 UJ	0.0796 UJ
Bis(2-chloroethyl)ether		111-44-4	NE	NE		0.0885 U	0.0828 U	0.0796 U
2,2-oxybis(1-Chloropropane)		108-60-1	NE	NE		0.0885 U	0.0828 U	0.0796 U
Bis(2-ethylhexyl)phthalate		117-81-7	NE	NE		0.0885 U	0.0828 U	0.0796 U
4-Bromophenyl phenyl ether		101-55-3	NE	NE		0.0885 U	0.0828 U	0.0796 U
Butyl benzyl phthalate		85-68-7	NE	NE		0.0885 U	0.0828 U	0.0796 U

Table 1: Underground Storage Tank Soil End-Point Analytical Results
Underground Storage Tank Closure Report
30 Stewart Avenue
NYSDEC BCP Site No. C152243

					Sample Name Sample Depth Depth Unit Sample Date Parent Sample	SW-4 10 ft bgs 1/25/2017	SW-5 10 ft bgs 1/25/2017	SW-6 10 ft bgs 1/25/2017
Analyte	Units	CAS No.	Unrestricted SCO	Restricted- Residential SCO				
Caprolactam		105-60-2	NE	NE		0.0885 U	0.0828 U	0.0796 U
Carbazole		86-74-8	NE	NE		0.0885 U	0.0828 U	0.0796 U
4-Chloro-3-methylphenol		59-50-7	NE	NE		0.0885 U	0.0828 U	0.0796 U
4-Chloroaniline		106-47-8	NE	NE		0.436 U	0.408 U	0.392 U
2-Chloronaphthalene		91-58-7	NE	NE		0.0885 U	0.0828 U	0.0796 U
2-Chlorophenol		95-57-8	NE	NE		0.0885 U	0.0828 U	0.0796 U
4-Chlorophenyl phenyl ether		7005-72-3	NE	NE		0.0885 U	0.0828 U	0.0796 U
Dibenzofuran		132-64-9	7	59		0.0885 U	0.187	0.0796 U
3,3-Dichlorobenzidine		91-94-1	NE	NE		0.436 U	0.408 U	0.392 U
2,4-Dichlorophenol		120-83-2	NE	NE		0.0885 U	0.0828 U	0.0796 U
Diethyl phthalate		84-66-2	NE	NE		0.0885 U	0.0828 U	0.0796 U
Dimethyl phthalate		131-11-3	NE	NE		0.0885 U	0.0828 U	0.0796 U
2,4-Dimethylphenol		105-67-9	NE	NE		0.0885 U	0.0828 U	0.0796 U
Di-n-butyl phthalate		84-74-2	NE	NE		0.0885 U	0.0828 U	0.0796 U
4,6-Dinitro-2-methylphenol		534-52-1	NE	NE		0.885 U	0.828 U	0.796 U
2,4-Dinitrophenol		51-28-5	NE	NE		0.885 U	0.828 U	0.796 U
2,4-Dinitrotoluene		121-14-2	NE	NE		0.436 U	0.408 U	0.392 U
2,6-Dinitrotoluene		606-20-2	NE	NE		0.436 U	0.408 U	0.392 U
Di-n-octyl phthalate		117-84-0	NE	NE		0.0885 U	0.0828 U	0.0796 U
Hexachlorobenzene		118-74-1	0.33	1.2		0.0885 U	0.0828 U	0.0796 U
1,3-Hexachlorobutadiene (C-46)		87-68-3	NE	NE		0.0885 U	0.0828 U	0.0796 U
Hexachlorocyclopentadiene		77-47-4	NE	NE		0.436 UJ	0.408 UJ	0.392 UJ
Hexachloroethane		67-72-1	NE	NE		0.0885 U	0.0828 U	0.0796 U
Isophorone		78-59-1	NE	NE		0.0885 U	0.0828 U	0.0796 U
2-Methylphenol (o-Cresol)		95-48-7	0.33	100		0.0885 U	0.0828 U	0.0796 U
3,4-Methylphenol (m,p-Cresol)		108394/106445	NE	NE		0.0885 U	0.0828 U	0.0796 U
2-Nitroaniline		88-74-4	NE	NE		0.436 U	0.408 U	0.392 U
3-Nitroaniline		99-09-2	NE	NE		0.436 U	0.408 U	0.392 U
4-Nitroaniline		100-01-6	NE	NE		0.436 U	0.408 U	0.392 U
Nitrobenzene		98-95-3	NE	NE		0.0885 U	0.0828 U	0.0796 U
2-Nitrophenol		88-75-5	NE	NE		0.436 U	0.408 U	0.392 U
4-Nitrophenol		100-02-7	NE	NE		0.885 UJ	0.828 UJ	0.796 UJ
N-Nitrosodiphenylamine (NDFA)		86-30-6	NE	NE		0.0885 UJ	0.0828 UJ	0.0796 UJ
N-Nitrosodi-n-propylamine (NDPA)		621-64-7	NE	NE		0.0885 U	0.0828 U	0.0796 U
Pentachlorophenol		87-86-5	0.8	6.7		0.885 UJ	0.828 UJ	0.796 UJ
Phenol		108-95-2	0.33	100		0.0885 U	0.0828 U	0.0796 U
1,2,4,5-Tetrachlorobenzene		95-94-3	NE	NE		0.0885 U	0.0828 U	0.0796 U
1,2,4-Trichlorobenzene		120-82-1	NE	NE		0.0885 U	0.0828 U	0.0796 U
2,4,5-Trichlorophenol		95-95-4	NE	NE		0.0885 U	0.0828 U	0.0796 U
2,4,6-Trichlorophenol		88-06-2	NE	NE		0.0885 U	0.0828 U	0.0796 U
Total SVOCs (ND=0)		TSVOC_ND0	NE	NE		ND	9.856	ND
PCB Aroclors	mg/kg							
Aroclor 1016		12674-11-2	NE	NE	Not Analyzed	Not Analyzed	Not Analyzed	
Aroclor 1221		11104-28-2	NE	NE				
Aroclor 1232		11141-16-5	NE	NE				
Aroclor 1242		53469-21-9	NE	NE				

Table 1: Underground Storage Tank Soil End-Point Analytical Results
Underground Storage Tank Closure Report
30 Stewart Avenue
NYSDEC BCP Site No. C152243

					Sample Name	SW-4	SW-5	SW-6
					Sample Depth	10	10	10
					Depth Unit	ft bgs	ft bgs	ft bgs
					Sample Date	1/25/2017	1/25/2017	1/25/2017
					Parent Sample			
Analyte	Units	CAS No.	Unrestricted SCO	Restricted-Residential SCO				
Aroclor 1248		12672-29-6	NE	NE	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed
Aroclor 1254		11097-69-1	NE	NE				
Aroclor 1260		11096-82-5	NE	NE				
Total PCB Aroclors (ND=0)		TPCB-AR_ND0	0.1	1				
Pesticides	mg/kg				Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed
Aldrin		309-00-2	0.005	0.097				
alpha-BHC (Hexachlorocyclohexane)		319-84-6	0.02	0.48				
beta-BHC (beta-Hexachlorocyclohexane)		319-85-7	0.036	0.36				
gamma-BHC (gamma-Hexachlorocyclohexane) (Lindan)		58-89-9	0.1	1.3				
delta-BHC (delta-Hexachlorocyclohexane)		319-86-8	0.04	100				
alpha-chlordane		5103-71-9	0.094	4.2				
gamma-Chlordane		5103-74-2	NE	NE				
2,4-D (2,4-Dichlorophenoxyacetic acid)		94-75-7	NE	NE				
4,4'-DDT (p,p'-DDT)		50-29-3	0.0033	7.9				
4,4'-DDE (p,p'-DDE)		72-55-9	0.0033	8.9				
4,4-DDD (p,p'-DDD)		72-54-8	0.0033	13				
Dieldrin		60-57-1	0.005	0.2				
alpha-Endosulfan (I)		959-98-8	2.4	24				
beta-Endosulfan (II)		33213-65-9	2.4	24				
Endosulfan sulfate		1031-07-8	2.4	24				
Endrin		72-20-8	0.014	11				
Endrin aldehyde		7421-93-4	NE	NE				
Endrin ketone		53494-70-5	NE	NE				
Heptachlor		76-44-8	0.042	2.1				
Heptachlor epoxide		1024-57-3	NE	NE				
Methoxychlor		72-43-5	NE	NE				
2,4,5-TP (Silvex)		93-72-1	3.8	100				
Toxaphene		8001-35-2	NE	NE				
Total Pesticides (ND=0)		TPEST_ND0	NE	NE				
Herbicides	mg/kg				Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed
Dicamba		1918-00-9	NE	NE				
2,4,5-T (2,4,5-Trichlorophenoxyacetic acid)		93-76-5	NE	NE				
2,4,5-TP (Silvex)		93-72-1	3.8	100				
Total Herbicides (ND=0)		THERB_ND0	NE	NE				
Total Metals	mg/kg				Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed
Aluminum		7429-90-5	NE	NE				
Antimony		7440-36-0	NE	NE				
Arsenic		7440-38-2	13	16				
Barium		7440-39-3	350	400				
Beryllium		7440-41-7	7.2	72				
Cadmium		7440-43-9	2.5	4.3				
Calcium		7440-70-2	NE	NE				
Chromium		7440-47-3	NE	NE				
Cobalt		7440-48-4	NE	NE				
Copper		7440-50-8	50	270				

Table 1: Underground Storage Tank Soil End-Point Analytical Results
Underground Storage Tank Closure Report
30 Stewart Avenue
NYSDEC BCP Site No. C152243

					Sample Name	SW-4	SW-5	SW-6
					Sample Depth	10	10	10
					Depth Unit	ft bgs	ft bgs	ft bgs
					Sample Date	1/25/2017	1/25/2017	1/25/2017
					Parent Sample			
Analyte	Units	CAS No.	Unrestricted SCO	Restricted- Residential SCO				
Iron		7439-89-6	NE	NE	Not Analyzed	Not Analyzed	Not Analyzed	
Lead		7439-92-1	63	400				
Magnesium		7439-95-4	NE	NE				
Manganese		7439-96-5	1600	2000				
Mercury		7439-97-6	0.18	0.81				
Nickel		7440-02-0	30	310				
Potassium		7440-09-7	NE	NE				
Selenium		7782-49-2	3.9	180				
Silver		7440-22-4	2	180				
Sodium		7440-23-5	NE	NE				
Thallium		7440-28-0	NE	NE				
Vanadium		7440-62-2	NE	NE				
Zinc		7440-66-6	109	10000				
Other								
Percent Moisture	%	MOIST	NE	NE	24.3	19.1	15.8	

Table 1: Underground Storage Tank Post-Removal Soil Analytical Results
Underground Storage Tank Closure, Remedial Investigation, and Remedial Action Report
30 Stewart Avenue
NYSDEC BCP Site No. C152243

Notes:

mg/kg = milligrams/kilogram or parts per million (ppm)
% = Percent
ft bgs = feet below grade surface

BTEX = Benzene, Toluene, Ethylbenzene, and Xylenes
PAH = Polycyclic Aromatic Hydrocarbon
PCB = Polychlorinated Biphenyl
SVOC = Semi-Volatile Organic Compound
VOC = Volatile Organic Compound

Total BTEX, Total VOCs, Total PAHs, Total SVOCs, Total PCBs, Total Pesticides, and Total Herbicides are calculated using detects only.

Total PAH16 is calculated using the EPA16 list of analytes: Acenaphthene, Acenaphthylene, Anthracene, Benz[a]anthracene, Benzo[a]pyrene, Benzo[b]fluoranthene, Benzo[g,h,i]perylene, Benzo[k]fluoranthene, Chrysene, Dibenzo[a,h]anthracene, Fluoranthene, Fluorene, Indeno[1,2,3-cd]pyrene, Naphthalene, Phenanthrene, and Pyrene

Total PAH17 is calculated using the EPA16 list of analytes plus 2-Methylnaphthalene

6 NYCRR = New York State Register and Official Compilation of Codes, Rules and Regulations of the State of New York

Comparison of detected results are performed against one or more of the following NYCRR, Chapter IV, Part 375-6 Soil Cleanup Objectives (SCO)s: Unrestricted Use, Residential, Restricted-Residential, Commercial, Industrial, Protection of Ecological Resources, or Protection of Groundwater

CAS No. = Chemical Abstracts Service Number
MGP = Manufactured Gas Plant
ND = Not Detected
NE = Not Established
NYSDEC = New York State Department of Environmental Conservation

Bolding indicates a detected result concentration
Shading and bolding indicates that the detected concentration is above the NYSDOH guidance it was compared to
Gray shading and bolding indicates that the detected result value exceeds the Unrestricted SCO
Yellow shading and bolding indicates that the detected result value exceeds the Restricted-Residential SCO

Validation Qualifiers:

J = The result is an estimated value.
U = The result was not detected above the reporting limit.
UJ = The results was not detected at or above the reporting limit shown and the reporting limit is estimated.

Appendix A

Underground Storage Tank Removal Waste Manifests

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number EXEMPT	2. Page 1 of	3. Emergency Response Phone 631-455-1905	4. Waste Tracking Number 0004658	
5. Generator's Name and Mailing Address COMMERCIAL BLDG. 30 STEWART AVE HUNTINGTON NY		Generator's Site Address (if different than mailing address)			
Generator's Phone:					
6. Transporter 1 Company Name CLEAR VIEW ENVIRONMENTAL SERVICES 634 BLUE POINT RD. HOLTSVILLE, NY 11742			U.S. EPA ID Number NYR000125971		
7. Transporter 2 Company Name			U.S. EPA ID Number		
8. Designated Facility Name and Site Address EWI A-WWT 208 RT 109 FARMINGDALE, NY 11735			U.S. EPA ID Number		
Facility's Phone:					
9. Waste Shipping Name and Description		10. Containers		11. Total Quantity	12. Unit Wt./Vol.
		No.	Type		
1. NON REGULATED OILY WATER From UST		01	TT	95	G.
2.					
3.					
4.					
13. Special Handling Instructions and Additional Information					
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/Offoror's Printed/Typed Name AGENT FOR D. GAGLIARDI		Signature 		Month 12	Day 6
15. International Shipments ☐ Import to U.S. ☐ Export from U.S.		Port of entry/exit:		Year 16	
Transporter Signature (for exports only):		Date leaving U.S.:			
16. Transporter Acknowledgment of Receipt of Materials					
Transporter 1 Printed/Typed Name DEAN GAGLIARDI		Signature 		Month 12	Day 6
Transporter 2 Printed/Typed Name		Signature		Year 16	
17. Discrepancy					
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection					
17b. Alternate Facility (or Generator) Manifest Reference Number: 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 Chris Brown		Signature 		Month 12	Day 13
				Year 16	

Manifest # **14326**GLOBAL JOB NUMBER: **144841**FACILITY APPROVAL NUMBER: **173070507****Please Check One:**☒ Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: 732-541-8909☐ Clean Earth of Maryland
1469 Oak Ridge Place
Hagerstown, MD 21740
Ph: 301-791-6220☐ Clean Earth of New Castle
94 Pyles Lane
New Castle, DE 19720
Ph: 302-427-6633☐ Clean Earth of Greater Wash
6250 Dower House Road
Upper Marlboro, MD 20772
Ph: 301-599-0939☐ Clean Earth of Philadelphia
3201 S. 61st Street
Philadelphia, PA 19153
Ph: 215-724-5520☐ Clean Earth of North Jersey
115 Jacobus Avenue
Kearny, NJ 07032
Ph: 973-344-4004☐ Clean Earth of Southeast Pennsylvania
7 Steel Road East
Morrisville, PA 19067
Ph: 215-428-1700☐ Other _____**Non-Hazardous Material Manifest**

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS:

Stewart Ave Ventures LLC/30 Stewart**30 Stewart Ave.****Huntington, NY 11743**

GENERATOR'S PHONE: _____

GROSS WEIGHT:

☐ Tons ☐ Yards

TARE WEIGHT:

☐ Tons ☐ Yards

NET WEIGHT:

☐ Tons ☐ Yards**DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION****GENERATOR'S CERTIFICATION** – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: **Ten Johnson**Title: **V. Engr/est**Signature: **[Signature]**Date and Time: **1/5/10 0800****TRANSPORTER**Company: **Valiant Contracting, LLC - TEV**Phone Number: **973-234-5668**Address: **123 Howard Blvd, Ledgewood, NJ 07852**Truck # and License Plate: **NJ-AK 237 E0601**Driver: **Jose M. Mucanda**

SW Haulers Permit #: _____

(Type or Print Clearly)

(applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: **[Signature]**Date and Time: **1/5/10****DESTINATION**

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: _____ Date and Time: _____

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: _____ Date and Time: _____

SITE



Manifest # 14326

GLOBAL JOB NUMBER: 144841 FACILITY APPROVAL NUMBER: 173070507

Please Check One:

- ☒ Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: 732-541-8909
- ☐ Clean Earth of Maryland
1469 Oak Ridge Place
Hagerstown, MD 21740
Ph: 301-791-6220
- ☐ Clean Earth of New Castle
94 Pyles Lane
New Castle, DE 19720
Ph: 302-427-6633
- ☐ Clean Earth of Greater Wash
6250 Dower House Road
Upper Marlboro, MD 20772
Ph: 301-599-0939
- ☐ Clean Earth of Philadelphia
3201 S. 61st Street
Philadelphia, PA 19153
Ph: 215-724-5520
- ☐ Clean Earth of North Jersey
115 Jacobus Avenue
Kearny, NJ 07032
Ph: 973-344-4004
- ☐ Clean Earth of Southeast Pennsylvania
7 Steel Road East
Morrisville, PA 19067
Ph: 215-428-1700
- ☐ Other _____

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: Stewart Ave Ventures LLC/30 Stewart 30 Stewart Ave. Huntington, NY 11743	GROSS WEIGHT: ☐ Tons ☐ Yards
GENERATOR'S PHONE: _____	TARE WEIGHT: ☐ Tons ☐ Yards
	NET WEIGHT: ☐ Tons ☐ Yards

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

GENERATOR'S CERTIFICATION - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: Ten Johnson Title: Geologist
Signature: [Signature] Date and Time: 07/17/06

TRANSPORTER

Company: Valiant Contracting, LLC TEV Phone Number: 973-234-5668
Address: 123 Howard Blvd, Ledgewood, NJ 07852 Truck # and License Plate: A5652L
Driver: Alexander C. SW Haulers Permit #: _____
(Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [Signature] Date and Time: 05/31/07

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: [Signature] Date and Time: 05/31/07

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: _____ Date and Time: _____

SITE



TEU #6

Manifest # 14326

GLOBAL JOB NUMBER: 144641

FACILITY APPROVAL NUMBER: 173070507

Please Check One:

☒ Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07006
Ph: 732-641-8909

☐ Clean Earth of Maryland
1469 Oak Ridge Place
Hagerstown, MD 21740
Ph: 301-791-6220

☐ Clean Earth of New Castle
94 Pyles Lane
New Castle, DE 19720
Ph: 302-427-6633

☐ Clean Earth of Greater Wash
6250 Dower House Road
Upper Marlboro, MD 20772
Ph: 301-599-0939

☐ Clean Earth of Philadelphia
3201 S. 61st Street
Philadelphia, PA 19153
Ph: 215-724-5520

☐ Clean Earth of North Jersey
115 Jacobus Avenue
Kearny, NJ 07032
Ph: 973-344-4004

☐ Clean Earth of Southeast Pennsylvania
7 Steel Road East
Morrisville, PA 19067
Ph: 215-428-1700

☐ Other _____

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: Stewart Ave Ventures LLC/30 Stewart 30 Stewart Ave. Huntington, NY 11743	GROSS WEIGHT: ☐ Tons ☐ Yards
GENERATOR'S PHONE: _____	TARE WEIGHT: ☐ Tons ☐ Yards
	NET WEIGHT: ☐ Tons ☐ Yards

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: Tom Johnson Title: Co-Owner
Signature: [Signature] Date and Time: 5/31/17 0930

TRANSPORTER

Company: Valiant Contracting, LLC TEU #6 Phone Number: 973-234-5668
Address: 123 Howard Blvd, Ledgewood, NJ 07852 Truck # and License Plate: AR4928 #6
Driver: Eric D'Amico SW Haulers Permit #: _____
(Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [Signature] Date and Time: 5-31-17

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: [Signature] Date and Time: 5-31-17

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: _____ Date and Time: _____

SITE



Manifest # 14326

GLOBAL JOB NUMBER: 144841 FACILITY APPROVAL NUMBER: 173070507

Please Check One:

- ☒ Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: 732-541-8909
- ☐ Clean Earth of Maryland
1469 Oak Ridge Place
Hagerstown, MD 21740
Ph: 301-791-6220
- ☐ Clean Earth of New Castle
94 Pyles Lane
New Castle, DE 19720
Ph: 302-427-6633
- ☐ Clean Earth of Greater Wash
6250 Dower House Road
Upper Marlboro, MD 20772
Ph: 301-599-0939
- ☐ Clean Earth of Philadelphia
3201 S. 61st Street
Philadelphia, PA 19153
Ph: 215-724-5520
- ☐ Clean Earth of North Jersey
115 Jacobus Avenue
Kearny, NJ 07032
Ph: 973-344-4004
- ☐ Clean Earth of Southeast Pennsylvania
7 Steel Road East
Morrisville, PA 19067
Ph: 215-428-1700
- ☐ Other _____

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: Stewart Ave Ventures LLC/30 Stewart	GROSS WEIGHT: ☐ Tons ☐ Yards
30 Stewart Ave.	TARE WEIGHT: ☐ Tons ☐ Yards
Huntington, NY 11743	NET WEIGHT: ☐ Tons ☐ Yards
GENERATOR'S PHONE: _____	

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATIONGENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: Tom Johnson Title: Owner
Signature: [Signature] Date and Time: 8/31/12 0630

TRANSPORTER

Company: Valiant Contracting, LLC Phone Number: 973-234-5668
Address: 123 Howard Blvd, Ledgewood, NJ 07852 Truck # and License Plate: AJ 1234
Driver: [Signature] SW Haulers Permit #: _____ (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [Signature] Date and Time: 8/31/12 0630

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: _____ Date and Time: _____

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: _____ Date and Time: _____

SITE



Manifest # 14326

GLOBAL JOB NUMBER: 144841

FACILITY APPROVAL NUMBER: 173070507

Please Check One:

☒ Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: 732-541-8909☐ Clean Earth of Maryland
1469 Oak Ridge Place
Hagerstown, MD 21740
Ph: 301-791-6220☐ Clean Earth of New Castle
94 Pyles Lane
New Castle, DE 19720
Ph: 302-427-6633☐ Clean Earth of Greater Wash
6250 Dower House Road
Upper Marlboro, MD 20772
Ph: 301-599-0939☐ Clean Earth of Philadelphia
3201 S. 61st Street
Philadelphia, PA 19153
Ph: 215-724-5520☐ Clean Earth of North Jersey
115 Jacobus Avenue
Kearny, NJ 07032
Ph: 973-344-4004☐ Clean Earth of Southeast Pennsylvania
7 Steel Road East
Morrisville, PA 19067
Ph: 215-428-1700☐ Other _____

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS:

Stewart Ave Ventures LLC/30 Stewart

30 Stewart Ave.,

Huntington, NY 11743

GENERATOR'S PHONE: _____

GROSS WEIGHT:

☐ Tons ☐ Yards

TARE WEIGHT:

☐ Tons ☐ Yards

NET WEIGHT:

☐ Tons ☐ Yards

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: Tom Johnson

Title: Analyst

Signature: [Signature]

Date and Time: 6/1/17 6:30

TRANSPORTER

Company: Valiant Contracting, LLC

Phone Number: 973-234-5668

Address: 123 Howard Blvd, Ledgewood, NJ 07852

Truck # and License Plate: 248 AS 91665

Driver: TJ

SW Haulers Permit #: 876

(Type or Print Clearly)

(applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [Signature]

Date and Time: 6-1-17

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: _____

Date and Time: _____

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: _____

Date and Time: _____

SITE



Manifest # 14326

GLOBAL JOB NUMBER: 144841

FACILITY APPROVAL NUMBER: 173070507

Please Check One:

- ☒ Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: 732-541-8909
- ☐ Clean Earth of Maryland
1469 Oak Ridge Place
Hagerstown, MD 21740
Ph: 301-791-6220
- ☐ Clean Earth of New Castle
94 Pyles Lane
New Castle, DE 19720
Ph: 302-427-6633
- ☐ Clean Earth of Greater Wash
6250 Dower House Road
Upper Marlboro, MD 20772
Ph: 301-599-0939
- ☐ Clean Earth of Philadelphia
3201 S. 61st Street
Philadelphia, PA 19153
Ph: 215-724-5520
- ☐ Clean Earth of North Jersey
115 Jacobus Avenue
Kearny, NJ 07032
Ph: 973-344-4004
- ☐ Clean Earth of Southeast Pennsylvania
7 Steel Road East
Morrisville, PA 19067
Ph: 215-428-1700
- ☐ Other _____

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: Stewart Ave Ventures LLC/30 Stewart	GROSS WEIGHT: ☐ Tons ☐ Yards
30 Stewart Ave.,	TARE WEIGHT: ☐ Tons ☐ Yards
Huntington, NY 11743	NET WEIGHT: ☐ Tons ☐ Yards
GENERATOR'S PHONE: _____	

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATIONGENERATOR'S CERTIFICATION - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: Tom Schanley Title: Geologist
Signature: [Signature] Date and Time: 6/1/17 0805

TRANSPORTER

Company: Valiant Contracting, LLC Phone Number: 973-234-5668
Address: 123 Howard Blvd, Ledgewood, NJ 07852 Truck # and License Plate: 254 AT5661
Driver: Nelson Bernidez SW Haulers Permit #: _____
(Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: Nelson Bernidez Date and Time: 6-1-17

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: _____ Date and Time: _____

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: _____ Date and Time: _____

SITE



Manifest # 14326

GLOBAL JOB NUMBER: 144841FACILITY APPROVAL NUMBER: 173070507**Please Check One:**☒ Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: 732-541-8909☐ Clean Earth of Maryland
1469 Oak Ridge Place
Hagerstown, MD 21740
Ph: 301-791-6220☐ Clean Earth of New Castle
94 Pyles Lane
New Castle, DE 19720
Ph: 302-427-6633☐ Clean Earth of Greater Wash
6250 Dower House Road
Upper Marlboro, MD 20772
Ph: 301-599-0939☐ Clean Earth of Philadelphia
3201 S. 61st Street
Philadelphia, PA 19153
Ph: 215-724-5520☐ Clean Earth of North Jersey
115 Jacobus Avenue
Kearny, NJ 07032
Ph: 973-344-4004☐ Clean Earth of Southeast Pennsylvania
7 Steel Road East
Morrisville, PA 19067
Ph: 215-428-1700☐ Other _____**Non-Hazardous Material Manifest**

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS:

Stewart Ave Ventures LLC/30 Stewart

GROSS WEIGHT:

☐ Tons ☐ Yards30 Stewart Ave.,

TARE WEIGHT:

☐ Tons ☐ YardsHuntington, NY 11743

GENERATOR'S PHONE: _____

NET WEIGHT:

☐ Tons ☐ Yards**DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION****GENERATOR'S CERTIFICATION** – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: Ten JohnsonTitle: GeologistSignature: [Signature]Date and Time: 6/11/17 0900**TRANSPORTER**Company: Valiant Contracting, LLCPhone Number: 973-234-5668Address: 123 Howard Blvd, Ledgewood, NJ 07852Truck # and License Plate: 25 942 15Driver: Alvin SmithSW Haulers Permit #: WH-15 877

(Type or Print Clearly)

(applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [Signature]Date and Time: 6.1.17**DESTINATION**

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: [Signature]

Date and Time: _____

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: _____

Date and Time: _____

SITE



Manifest # 14328

GLOBAL JOB NUMBER: 144841 FACILITY APPROVAL NUMBER: 173070507

Please Check One:

- ☒ Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: 732-541-8909
- ☐ Clean Earth of Maryland
1469 Oak Ridge Place
Hagerstown, MD 21740
Ph: 301-791-6220
- ☐ Clean Earth of New Castle
94 Pyles Lane
New Castle, DE 19720
Ph: 302-427-6633
- ☐ Clean Earth of Greater Wash
6250 Dower House Road
Upper Marlboro, MD 20772
Ph: 301-599-0939
- ☐ Clean Earth of Philadelphia
3201 S. 61st Street
Philadelphia, PA 19153
Ph: 215-724-5520
- ☐ Clean Earth of North Jersey
115 Jacobus Avenue
Kearny, NJ 07032
Ph: 973-344-4004
- ☐ Clean Earth of Southeast Pennsylvania
7 Steel Road East
Morrisville, PA 19067
Ph: 215-428-1700
- ☐ Other _____

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: Stewart Ave Ventures LLC/30 Stewart 30 Stewart Ave., Huntington, NY 11743	GROSS WEIGHT: ☐ Tons ☐ Yards
GENERATOR'S PHONE: _____	TARE WEIGHT: ☐ Tons ☐ Yards
	NET WEIGHT: ☐ Tons ☐ Yards

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATIONGENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: Tom Johnson Title: Co-Owner
Signature: [Signature] Date and Time: 06/01/17

TRANSPORTER

Company: Valiant Contracting, LLC Phone Number: 973-234-5668
Address: 123 Howard Blvd, Ledgewood, NJ 07852 Truck # and License Plate: _____
Driver: _____ SW Haulers Permit #: _____
(Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [Signature] Date and Time: 06/01/17

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: [Signature] Date and Time: 06/01/17

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: _____ Date and Time: _____

SITE

Appendix B

Underground Storage Tank Photograph Log



PHOTO 1: Begin excavation at the geophysical survey confirmed Underground Storage Tank (UST) location.



PHOTO 2: Begin removal of the single-walled 550-gallon UST utilizing excavator.



PHOTO 3: Removal of the 550-gallon UST and UST grave; note lack of heavily stained soils/saturated soils



PHOTO 4: Detail shot of pin-holes observed following removal of UST



PHOTO 5: Stockpiled soils associated with UST removal. UST pump-out being completed in background to remove sludges and UST contents.



PHOTO 6: View of the final excavation following removal of UST and associated impacted-soils.

Appendix C

Underground Storage Tank Analytical Data Reports

February 03, 2017

Tomas Johansen
GEI
110 Walt Whitman Road
Suite 204
Huntington Station, NY 11746

RE: Project: 30 Stewart Ave
Pace Project No.: 7010017

Dear Tomas Johansen:

Enclosed are the analytical results for sample(s) received by the laboratory on January 26, 2017. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



John D. Stanton
john.stanton@pacelabs.com
Project Manager

Enclosures

cc: Mary Beth Billerman, GEI Consultants, Inc.



REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

CERTIFICATIONS

Project: 30 Stewart Ave

Pace Project No.: 7010017

Long Island Certification IDs

575 Broad Hollow Rd, Melville, NY 11747

New York Certification #: 10478 Primary Accrediting Body

New Jersey Certification #: NY158

Pennsylvania Certification #: 68-00350

Connecticut Certification #: PH-0435

Maryland Certification #: 208

Rhode Island Certification #: LAO00340

Massachusetts Certification #: M-NY026

New Hampshire Certification #: 2987

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

PROJECT NARRATIVE

Project: 30 Stewart Ave

Pace Project No.: 7010017

Method: EPA 8081B

Description: 8081 GCS Pesticides

Client: GEI Consultants, Inc.

Date: February 03, 2017

General Information:

2 samples were analyzed for EPA 8081B. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:

The samples were prepared in accordance with EPA 3545A with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Surrogates:

All surrogates were within QC limits with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

QC Batch: 12114

L0: Analyte recovery in the laboratory control sample (LCS) was outside QC limits.

- LCS (Lab ID: 60904)
 - 4,4'-DDD
 - Endosulfan I
 - Endosulfan II
 - Heptachlor

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

PROJECT NARRATIVE

Project: 30 Stewart Ave

Pace Project No.: 7010017

Method: EPA 8082A

Description: 8082 GCS PCB

Client: GEI Consultants, Inc.

Date: February 03, 2017

General Information:

2 samples were analyzed for EPA 8082A. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:

The samples were prepared in accordance with EPA 3545A with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Surrogates:

All surrogates were within QC limits with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

PROJECT NARRATIVE

Project: 30 Stewart Ave

Pace Project No.: 7010017

Method: EPA 8151A

Description: 8151 Chlorinated Herbicides

Client: GEI Consultants, Inc.

Date: February 03, 2017

General Information:

2 samples were analyzed for EPA 8151A. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:

The samples were prepared in accordance with EPA 8151A with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Surrogates:

All surrogates were within QC limits with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

QC Batch: 12222

B: Analyte was detected in the associated method blank.

- BLANK for HBN 12222 [OEXT/1746 (Lab ID: 61290)
- Dicamba

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

PROJECT NARRATIVE

Project: 30 Stewart Ave

Pace Project No.: 7010017

Method: EPA 6010C

Description: 6010 MET ICP

Client: GEI Consultants, Inc.

Date: February 03, 2017

General Information:

2 samples were analyzed for EPA 6010C. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:

The samples were prepared in accordance with EPA 3050B with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: 12372

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 7010017009

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- MS (Lab ID: 61864)
 - Aluminum
 - Antimony
 - Barium
 - Iron
 - Manganese

Duplicate Sample:

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: 30 Stewart Ave

Pace Project No.: 7010017

Method: EPA 7471B

Description: 7471 Mercury

Client: GEI Consultants, Inc.

Date: February 03, 2017

General Information:

2 samples were analyzed for EPA 7471B. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:

The samples were prepared in accordance with EPA 7471B with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

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PROJECT NARRATIVE

Project: 30 Stewart Ave

Pace Project No.: 7010017

Method: EPA 8270D

Description: 8270 MSSV

Client: GEI Consultants, Inc.

Date: February 03, 2017

General Information:

10 samples were analyzed for EPA 8270D. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:

The samples were prepared in accordance with EPA 3545A with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

QC Batch: 12110

IC: The initial calibration for this compound was outside of method control limits. The result is estimated.

- BLANK (Lab ID: 60887)
 - Atrazine
 - Pentachlorophenol
- DSB-1 (Lab ID: 7010017009)
 - Atrazine
 - Pentachlorophenol
- DUP-1 (Lab ID: 7010017010)
 - Atrazine
 - Pentachlorophenol
- EP-1 (Lab ID: 7010017001)
 - Atrazine
 - Pentachlorophenol
- EP-2 (Lab ID: 7010017002)
 - Atrazine
 - Pentachlorophenol
- LCS (Lab ID: 60888)
 - Atrazine
 - Pentachlorophenol
- SW-1 (Lab ID: 7010017003)
 - Atrazine
 - Pentachlorophenol
- SW-2 (Lab ID: 7010017004)
 - Atrazine
 - Pentachlorophenol
- SW-4 (Lab ID: 7010017006)
 - Atrazine
 - Pentachlorophenol
- SW-5 (Lab ID: 7010017007)
 - Atrazine
 - Pentachlorophenol

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: 30 Stewart Ave

Pace Project No.: 7010017

Method: EPA 8270D

Description: 8270 MSSV

Client: GEI Consultants, Inc.

Date: February 03, 2017

QC Batch: 12110

IC: The initial calibration for this compound was outside of method control limits. The result is estimated.

- SW-6 (Lab ID: 7010017008)
 - Atrazine
 - Pentachlorophenol

QC Batch: 12411

IC: The initial calibration for this compound was outside of method control limits. The result is estimated.

- BLANK (Lab ID: 62037)
 - Atrazine
 - Pentachlorophenol
- LCS (Lab ID: 62038)
 - Atrazine
 - Pentachlorophenol
- SW-3 (Lab ID: 7010017005)
 - Atrazine
 - Pentachlorophenol

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

QC Batch: 12110

CC: The continuing calibration for this compound is outside of method control limits. The result is estimated.

- BLANK (Lab ID: 60887)
 - 3,3'-Dichlorobenzidine
 - Benzaldehyde
- DSB-1 (Lab ID: 7010017009)
 - 3,3'-Dichlorobenzidine
 - Benzaldehyde
- DUP-1 (Lab ID: 7010017010)
 - 3,3'-Dichlorobenzidine
 - Benzaldehyde
- EP-1 (Lab ID: 7010017001)
 - 3,3'-Dichlorobenzidine
 - Benzaldehyde
- EP-2 (Lab ID: 7010017002)
 - 3,3'-Dichlorobenzidine
 - Benzaldehyde
- LCS (Lab ID: 60888)
 - 3,3'-Dichlorobenzidine
 - 4-Nitrophenol
 - Benzaldehyde
 - Hexachlorocyclopentadiene
 - Pentachlorophenol
- SW-1 (Lab ID: 7010017003)
 - 3,3'-Dichlorobenzidine

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: 30 Stewart Ave

Pace Project No.: 7010017

Method: EPA 8270D

Description: 8270 MSSV

Client: GEI Consultants, Inc.

Date: February 03, 2017

QC Batch: 12110

CC: The continuing calibration for this compound is outside of method control limits. The result is estimated.

- Benzaldehyde
- SW-2 (Lab ID: 7010017004)
 - 3,3'-Dichlorobenzidine
 - Benzaldehyde
- SW-4 (Lab ID: 7010017006)
 - 3,3'-Dichlorobenzidine
 - Benzaldehyde
- SW-5 (Lab ID: 7010017007)
 - 3,3'-Dichlorobenzidine
 - Benzaldehyde
- SW-6 (Lab ID: 7010017008)
 - 3,3'-Dichlorobenzidine
 - Benzaldehyde

QC Batch: 12411

CC: The continuing calibration for this compound is outside of method control limits. The result is estimated.

- BLANK (Lab ID: 62037)
 - Benzaldehyde
 - Benzo(g,h,i)perylene
- LCS (Lab ID: 62038)
 - 4-Nitrophenol
 - Benzaldehyde
 - Benzo(g,h,i)perylene
 - Hexachlorocyclopentadiene
 - Pentachlorophenol
- SW-3 (Lab ID: 7010017005)
 - Benzaldehyde
 - Benzo(g,h,i)perylene

Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

Surrogates:

All surrogates were within QC limits with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

QC Batch: 12411

B: Analyte was detected in the associated method blank.

- BLANK for HBN 12411 [OEXT/1760 (Lab ID: 62037)
 - Di-n-butylphthalate

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: 30 Stewart Ave

Pace Project No.: 7010017

Method: EPA 8270D

Description: 8270 MSSV

Client: GEI Consultants, Inc.

Date: February 03, 2017

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

QC Batch: 12110

L0: Analyte recovery in the laboratory control sample (LCS) was outside QC limits.

- LCS (Lab ID: 60888)
 - Benzaldehyde
 - Hexachlorocyclopentadiene

QC Batch: 12411

L0: Analyte recovery in the laboratory control sample (LCS) was outside QC limits.

- LCS (Lab ID: 62038)
 - 3,3'-Dichlorobenzidine
 - 4-Nitroaniline
 - Benzaldehyde
 - Butylbenzylphthalate
 - Dibenzo(a,h)anthracene
 - Hexachlorobenzene
 - Hexachlorocyclopentadiene

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: 30 Stewart Ave

Pace Project No.: 7010017

Method: EPA 8260C

Description: 8260C MSV 5035A-L Low Level

Client: GEI Consultants, Inc.

Date: February 03, 2017

General Information:

10 samples were analyzed for EPA 8260C. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:

The samples were prepared in accordance with EPA 5035A-L with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

QC Batch: 12145

CC: The continuing calibration for this compound is outside of method control limits. The result is estimated.

- LCS (Lab ID: 61058)
 - Bromoform
 - Bromomethane
 - Dibromochloromethane
 - Dichlorodifluoromethane
 - Methyl-tert-butyl ether
- MS (Lab ID: 61451)
 - Bromoform
 - Bromomethane
 - Dibromochloromethane
 - Dichlorodifluoromethane
 - Methyl-tert-butyl ether
- SW-5 (Lab ID: 7010017007)
 - Methyl-tert-butyl ether

QC Batch: 12478

CC: The continuing calibration for this compound is outside of method control limits. The result is estimated.

- LCS (Lab ID: 62606)
 - Bromoform
 - Bromomethane
 - Carbon tetrachloride
 - Dibromochloromethane
- MS (Lab ID: 62607)
 - Bromoform
 - Bromomethane
 - Carbon tetrachloride
 - Dibromochloromethane

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: 30 Stewart Ave

Pace Project No.: 7010017

Method: EPA 8260C

Description: 8260C MSV 5035A-L Low Level

Client: GEI Consultants, Inc.

Date: February 03, 2017

Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

Surrogates:

All surrogates were within QC limits with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: 12145

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 7010101004

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- MS (Lab ID: 61451)
 - 1,1,1-Trichloroethane
 - Benzene
 - Carbon tetrachloride

QC Batch: 12478

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 10377795001

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- MS (Lab ID: 62607)
 - 1,1,2,2-Tetrachloroethane
 - 1,2,4-Trichlorobenzene
 - 1,2-Dichlorobenzene
 - 1,3-Dichlorobenzene
 - 1,4-Dichlorobenzene
 - Methyl acetate
 - Styrene
 - Trichloroethene

Duplicate Sample:

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

QC Batch: 12145

D6: The relative percent difference (RPD) between the sample and sample duplicate exceeded laboratory control limits.

- DUP (Lab ID: 61450)
 - Acetone

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: 30 Stewart Ave

Pace Project No.: 7010017

Method: EPA 8260C

Description: 8260C MSV 5035A-L Low Level

Client: GEI Consultants, Inc.

Date: February 03, 2017

QC Batch: 12478

D6: The relative percent difference (RPD) between the sample and sample duplicate exceeded laboratory control limits.

- DUP (Lab ID: 62608)
 - 1,2,4-Trichlorobenzene
 - 2-Butanone (MEK)
 - 2-Hexanone
 - Acetone
 - Ethylbenzene

Additional Comments:

This data package has been reviewed for quality and completeness and is approved for release.

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 30 Stewart Ave
Pace Project No.: 7010017

Sample: EP-1 **Lab ID: 7010017001** Collected: 01/25/17 10:00 Received: 01/26/17 14:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Analytical Method: EPA 8270D Preparation Method: EPA 3545A								
1,2,4-Trichlorobenzene	<75.2	ug/kg	75.2	1	01/30/17 10:30	01/30/17 21:39	120-82-1	
2,2'-Oxybis(1-chloropropane)	<75.2	ug/kg	75.2	1	01/30/17 10:30	01/30/17 21:39	108-60-1	
2,4,5-Trichlorophenol	<75.2	ug/kg	75.2	1	01/30/17 10:30	01/30/17 21:39	95-95-4	
2,4,6-Trichlorophenol	<75.2	ug/kg	75.2	1	01/30/17 10:30	01/30/17 21:39	88-06-2	
2,4-Dichlorophenol	<75.2	ug/kg	75.2	1	01/30/17 10:30	01/30/17 21:39	120-83-2	
2,4-Dimethylphenol	<75.2	ug/kg	75.2	1	01/30/17 10:30	01/30/17 21:39	105-67-9	
2,4-Dinitrophenol	<75.2	ug/kg	75.2	1	01/30/17 10:30	01/30/17 21:39	51-28-5	
2,4-Dinitrotoluene	<370	ug/kg	370	1	01/30/17 10:30	01/30/17 21:39	121-14-2	
2,6-Dinitrotoluene	<370	ug/kg	370	1	01/30/17 10:30	01/30/17 21:39	606-20-2	
2-Chloronaphthalene	<75.2	ug/kg	75.2	1	01/30/17 10:30	01/30/17 21:39	91-58-7	
2-Chlorophenol	<75.2	ug/kg	75.2	1	01/30/17 10:30	01/30/17 21:39	95-57-8	
2-Methylnaphthalene	<75.2	ug/kg	75.2	1	01/30/17 10:30	01/30/17 21:39	91-57-6	
2-Methylphenol(o-Cresol)	<75.2	ug/kg	75.2	1	01/30/17 10:30	01/30/17 21:39	95-48-7	
2-Nitroaniline	<370	ug/kg	370	1	01/30/17 10:30	01/30/17 21:39	88-74-4	
2-Nitrophenol	<370	ug/kg	370	1	01/30/17 10:30	01/30/17 21:39	88-75-5	
3&4-Methylphenol(m&p Cresol)	<75.2	ug/kg	75.					

ANALYTICAL RESULTS

Project: 30 Stewart Ave
Pace Project No.: 7010017

Sample: EP-1 **Lab ID: 7010017001** Collected: 01/25/17 10:00 Received: 01/26/17 14:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Analytical Method: EPA 8270D Preparation Method: EPA 3545A								
Dimethylphthalate	<75.2	ug/kg	75.2	1	01/30/17 10:30	01/30/17 21:39	131-11-3	
Fluoranthene	<75.2	ug/kg	75.2	1	01/30/17 10:30	01/30/17 21:39	206-44-0	
Fluorene	<75.2	ug/kg	75.2	1	01/30/17 10:30	01/30/17 21:39	86-73-7	
Hexachloro-1,3-butadiene	<75.2	ug/kg	75.2	1	01/30/17 10:30	01/30/17 21:39	87-68-3	
Hexachlorobenzene	<75.2	ug/kg	75.2	1	01/30/17 10:30	01/30/17 21:39	118-74-1	
Hexachlorocyclopentadiene	<370	ug/kg	370	1	01/30/17 10:30	01/30/17 21:39	77-47-4	L3
Hexachloroethane	<75.2	ug/kg	75.2	1	01/30/17 10:30	01/30/17 21:39	67-72-1	
Indeno(1,2,3-cd)pyrene	<75.2	ug/kg	75.2	1	01/30/17 10:30	01/30/17 21:39	193-39-5	
Isophorone	<75.2	ug/kg	75.2	1	01/30/17 10:30	01/30/17 21:39	78-59-1	
N-Nitroso-di-n-propylamine	<75.2	ug/kg	75.2	1	01/30/17 10:30	01/30/17 21:39	621-64-7	
N-Nitrosodiphenylamine	<75.2	ug/kg	75.2	1	01/30/17 10:30	01/30/17 21:39	86-30-6	
Naphthalene	<75.2	ug/kg	75.2	1	01/30/17 10:30	01/30/17 21:39	91-20-3	
Nitrobenzene	<75.2	ug/kg	75.2	1	01/30/17 10:30	01/30/17 21:39	98-95-3	
Pentachlorophenol	<752	ug/kg	752	1	01/30/17 10:30	01/30/17 21:39	87-86-5	IC
Phenanthrene	<75.2	ug/kg	75.2	1	01/30/17 10:30	01/30/17 21:39	85-01-8	
Phenol	<75.2	ug/kg	75.2	1	01/30/17 10:30			

ANALYTICAL RESULTS

Project: 30 Stewart Ave
Pace Project No.: 7010017

Sample: EP-1 **Lab ID: 7010017001** Collected: 01/25/17 10:00 Received: 01/26/17 14:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C MSV 5035A-L Low Level		Analytical Method: EPA 8260C Preparation Method: EPA 5035A-L						
1,2-Dichloropropane	<1.9	ug/kg	1.9	1	02/01/17 11:09	02/01/17 13:26	78-87-5	
1,3-Dichlorobenzene	<1.9	ug/kg	1.9	1	02/01/17 11:09	02/01/17 13:26	541-73-1	
1,4-Dichlorobenzene	<1.9	ug/kg	1.9	1	02/01/17 11:09	02/01/17 13:26	106-46-7	
2-Butanone (MEK)	<1.9	ug/kg	1.9	1	02/01/17 11:09	02/01/17 13:26	78-93-3	
2-Hexanone	<1.9	ug/kg	1.9	1	02/01/17 11:09	02/01/17 13:26	591-78-6	
4-Methyl-2-pentanone (MIBK)	<1.9	ug/kg	1.9	1	02/01/17 11:09	02/01/17 13:26	108-10-1	
Acetone	<1.9	ug/kg	1.9	1	02/01/17 11:09	02/01/17 13:26	67-64-1	
Benzene	<1.9	ug/kg	1.9	1	02/01/17 11:09	02/01/17 13:26	71-43-2	
Bromodichloromethane	<1.9	ug/kg	1.9	1	02/01/17 11:09	02/01/17 13:26	75-27-4	
Bromoform	<1.9	ug/kg	1.9	1	02/01/17 11:09	02/01/17 13:26	75-25-2	
Bromomethane	<1.9	ug/kg	1.9	1	02/01/17 11:09	02/01/17 13:26	74-83-9	
Carbon disulfide	<1.9	ug/kg	1.9	1	02/01/17 11:09	02/01/17 13:26	75-15-0	
Carbon tetrachloride	<1.9	ug/kg	1.9	1	02/01/17 11:09	02/01/17 13:26	56-23-5	
Chlorobenzene	<1.9	ug/kg	1.9	1	02/01/17 11:09	02/01/17 13:26	108-90-7	
Chloroethane	<1.9	ug/kg	1.9	1	02/01/17 11:09	02/01/17 13:26	75-00-3	
Chloroform	<1.9	ug/kg	1.9	1	02/01/17 11:09	02/01/17 13:26	67-66-3	</

ANALYTICAL RESULTS

Project: 30 Stewart Ave
Pace Project No.: 7010017

Sample: EP-2 **Lab ID: 7010017002** Collected: 01/25/17 10:15 Received: 01/26/17 14:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Analytical Method: EPA 8270D Preparation Method: EPA 3545A								
1,2,4-Trichlorobenzene	<77.3	ug/kg	77.3	1	01/30/17 10:30	01/30/17 22:08	120-82-1	
2,2'-Oxybis(1-chloropropane)	<77.3	ug/kg	77.3	1	01/30/17 10:30	01/30/17 22:08	108-60-1	
2,4,5-Trichlorophenol	<77.3	ug/kg	77.3	1	01/30/17 10:30	01/30/17 22:08	95-95-4	
2,4,6-Trichlorophenol	<77.3	ug/kg	77.3	1	01/30/17 10:30	01/30/17 22:08	88-06-2	
2,4-Dichlorophenol	<77.3	ug/kg	77.3	1	01/30/17 10:30	01/30/17 22:08	120-83-2	
2,4-Dimethylphenol	<77.3	ug/kg	77.3	1	01/30/17 10:30	01/30/17 22:08	105-67-9	
2,4-Dinitrophenol	<77.3	ug/kg	77.3	1	01/30/17 10:30	01/30/17 22:08	51-28-5	
2,4-Dinitrotoluene	<381	ug/kg	381	1	01/30/17 10:30	01/30/17 22:08	121-14-2	
2,6-Dinitrotoluene	<381	ug/kg	381	1	01/30/17 10:30	01/30/17 22:08	606-20-2	
2-Chloronaphthalene	<77.3	ug/kg	77.3	1	01/30/17 10:30	01/30/17 22:08	91-58-7	
2-Chlorophenol	<77.3	ug/kg	77.3	1	01/30/17 10:30	01/30/17 22:08	95-57-8	
2-Methylnaphthalene	<77.3	ug/kg	77.3	1	01/30/17 10:30	01/30/17 22:08	91-57-6	
2-Methylphenol(o-Cresol)	<77.3	ug/kg	77.3	1	01/30/17 10:30	01/30/17 22:08	95-48-7	
2-Nitroaniline	<381	ug/kg	381	1	01/30/17 10:30	01/30/17 22:08	88-74-4	
2-Nitrophenol	<381	ug/kg	381	1	01/30/17 10:30	01/30/17 22:08	88-75-5	
3&								

ANALYTICAL RESULTS

Project: 30 Stewart Ave
Pace Project No.: 7010017

Sample: EP-2 **Lab ID: 7010017002** Collected: 01/25/17 10:15 Received: 01/26/17 14:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Analytical Method: EPA 8270D Preparation Method: EPA 3545A								
Dimethylphthalate	<77.3	ug/kg	77.3	1	01/30/17 10:30	01/30/17 22:08	131-11-3	
Fluoranthene	<77.3	ug/kg	77.3	1	01/30/17 10:30	01/30/17 22:08	206-44-0	
Fluorene	<77.3	ug/kg	77.3	1	01/30/17 10:30	01/30/17 22:08	86-73-7	
Hexachloro-1,3-butadiene	<77.3	ug/kg	77.3	1	01/30/17 10:30	01/30/17 22:08	87-68-3	
Hexachlorobenzene	<77.3	ug/kg	77.3	1	01/30/17 10:30	01/30/17 22:08	118-74-1	
Hexachlorocyclopentadiene	<381	ug/kg	381	1	01/30/17 10:30	01/30/17 22:08	77-47-4	L3
Hexachloroethane	<77.3	ug/kg	77.3	1	01/30/17 10:30	01/30/17 22:08	67-72-1	
Indeno(1,2,3-cd)pyrene	<77.3	ug/kg	77.3	1	01/30/17 10:30	01/30/17 22:08	193-39-5	
Isophorone	<77.3	ug/kg	77.3	1	01/30/17 10:30	01/30/17 22:08	78-59-1	
N-Nitroso-di-n-propylamine	<77.3	ug/kg	77.3	1	01/30/17 10:30	01/30/17 22:08	621-64-7	
N-Nitrosodiphenylamine	<77.3	ug/kg	77.3	1	01/30/17 10:30	01/30/17 22:08	86-30-6	
Naphthalene	<77.3	ug/kg	77.3	1	01/30/17 10:30	01/30/17 22:08	91-20-3	
Nitrobenzene	<77.3	ug/kg	77.3	1	01/30/17 10:30	01/30/17 22:08	98-95-3	
Pentachlorophenol	<77.3	ug/kg	77.3	1	01/30/17 10:30	01/30/17 22:08	87-86-5	IC
Phenanthrene	<77.3	ug/kg	77.3	1	01/30/17 10:30	01/30/17 22:08	85-01-8	

ANALYTICAL RESULTS

Project: 30 Stewart Ave
Pace Project No.: 7010017

Sample: EP-2 **Lab ID: 7010017002** Collected: 01/25/17 10:15 Received: 01/26/17 14:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C MSV 5035A-L Low Level		Analytical Method: EPA 8260C Preparation Method: EPA 5035A-L						
1,2-Dichlorobenzene	<1.8	ug/kg	1.8	1	01/29/17 09:05	01/29/17 20:25	95-50-1	
1,2-Dichloroethane	<1.8	ug/kg	1.8	1	01/29/17 09:05	01/29/17 20:25	107-06-2	
1,2-Dichloropropane	<1.8	ug/kg	1.8	1	01/29/17 09:05	01/29/17 20:25	78-87-5	
1,3-Dichlorobenzene	<1.8	ug/kg	1.8	1	01/29/17 09:05	01/29/17 20:25	541-73-1	
1,4-Dichlorobenzene	<1.8	ug/kg	1.8	1	01/29/17 09:05	01/29/17 20:25	106-46-7	
2-Butanone (MEK)	<1.8	ug/kg	1.8	1	01/29/17 09:05	01/29/17 20:25	78-93-3	
2-Hexanone	<1.8	ug/kg	1.8	1	01/29/17 09:05	01/29/17 20:25	591-78-6	
4-Methyl-2-pentanone (MIBK)	<1.8	ug/kg	1.8	1	01/29/17 09:05	01/29/17 20:25	108-10-1	
Acetone	9.5	ug/kg	1.8	1	01/29/17 09:05	01/29/17 20:25	67-64-1	
Benzene	<1.8	ug/kg	1.8	1	01/29/17 09:05	01/29/17 20:25	71-43-2	
Bromodichloromethane	<1.8	ug/kg	1.8	1	01/29/17 09:05	01/29/17 20:25	75-27-4	
Bromoform	<1.8	ug/kg	1.8	1	01/29/17 09:05	01/29/17 20:25	75-25-2	
Bromomethane	<1.8	ug/kg	1.8	1	01/29/17 09:05	01/29/17 20:25	74-83-9	
Carbon disulfide	<1.8	ug/kg	1.8	1	01/29/17 09:05	01/29/17 20:25	75-15-0	
Carbon tetrachloride	<1.8	ug/kg	1.8	1	01/29/17 09:05	01/29/17 20:25	56-23-5	
Chlorobenzene	<1.8	ug/kg	1.8	1	01/29/17 09:05	01/29/17 20:25	108-90-7	
Chloroethane	<1.8	ug/kg	1.8	1	01/29/17 09:05	01/29/17 20:25	75-00-3	
Chloroform	<1.8	ug/kg	1.8	1	01/29/17 09:05	01/29/17 20:25	67-66-3	
Chloromethane	<1.8	ug/kg	1.8	1	01/29/17 09:05	01/29/17 20:25	74-87-3	
Cyclohexane	<1.8	ug/kg	1.8	1	01/29/17 09:05	01/29/17 20:25	110-82-7	
Dibromochloromethane	<1.8	ug/kg	1.8	1	01/29/17 09:05	01/29/17 20:25	124-48-1	
Dichlorodifluoromethane	<1.8	ug/kg	1.8	1	01/29/17 09:05	01/29/17 20:25	75-71-8	
Ethylbenzene	<1.8	ug/kg	1.8	1	01/29/17 09:05	01/29/17 20:25	100-41-4	
Isopropylbenzene (Cumene)	<1.8	ug/kg	1.8	1	01/29/17 09:05	01/29/17 20:25	98-82-8	
Methyl acetate	<1.8	ug/kg	1.8	1	01/29/17 09:05	01/29/17 20:25	79-20-9	
Methyl-tert-butyl ether	<1.8	ug/kg	1.8	1	01/29/17 09:05	01/29/17 20:25	1634-04-4	
Methylcyclohexane	<1.8	ug/kg	1.8	1	01/29/17 09:05	01/29/17 20:25	108-87-2	
Methylene Chloride	<1.8	ug/kg	1.8	1	01/29/17 09:05	01/29/17 20:25	75-09-2	
Styrene	<1.8	ug/kg	1.8	1	01/29/17 09:05	01/29/17 20:25	100-42-5	
Tetrachloroethene	<1.8	ug/kg	1.8	1	01/29/17 09:05	01/29/17 20:25	127-18-4	
Toluene	<1.8	ug/kg	1.8	1	01/29/17 09:05	01/29/17 20:25	108-88-3	
Trichloroethene	<1.8	ug/kg	1.8	1	01/29/17 09:05	01/29/17 20:25	79-01-6	
Trichlorofluoromethane	<1.8	ug/kg	1.8	1	01/29/17 09:05	01/29/17 20:25	75-69-4	
Vinyl chloride	<1.8	ug/kg	1.8	1	01/29/17 09:05	01/29/17 20:25	75-01-4	
Xylene (Total)	<1.8	ug/kg	1.8	1	01/29/17 09:05	01/29/17 20:25	1330-20-7	
cis-1,2-Dichloroethene	<1.8	ug/kg	1.8	1	01/29/17 09:05	01/29/17 20:25	156-59-2	
cis-1,3-Dichloropropene	<1.8	ug/kg	1.8	1	01/29/17 09:05	01/29/17 20:25	10061-01-5	
trans-1,2-Dichloroethene	<1.8	ug/kg	1.8	1	01/29/17 09:05	01/29/17 20:25	156-60-5	
trans-1,3-Dichloropropene	<1.8	ug/kg	1.8	1	01/29/17 09:05	01/29/17 20:25	10061-02-6	
Surrogates								
Toluene-d8 (S)	103	%.	43-157	1	01/29/17 09:05	01/29/17 20:25	2037-26-5	
4-Bromofluorobenzene (S)	100	%.	34-145	1	01/29/17 09:05	01/29/17 20:25	460-00-4	
1,2-Dichloroethane-d4 (S)	96	%.	33-150	1	01/29/17 09:05	01/29/17 20:25	17060-07-0	
Tentatively Identified Compounds								
Cyclohexane trimethyl-is	5.2	ug/kg		1	01/29/17 09:05	01/29/17 20:25		N

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 30 Stewart Ave

Pace Project No.: 7010017

Sample: EP-2 **Lab ID: 7010017002** Collected: 01/25/17 10:15 Received: 01/26/17 14:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture Analytical Method: ASTM D2216-92								
Percent Moisture	13.4	%	0.10	1		01/31/17 14:09		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 30 Stewart Ave
Pace Project No.: 7010017

Sample: SW-1 **Lab ID: 7010017003** Collected: 01/25/17 10:30 Received: 01/26/17 14:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Analytical Method: EPA 8270D Preparation Method: EPA 3545A								
1,2,4-Trichlorobenzene	<82.9	ug/kg	82.9	1	01/30/17 10:30	01/30/17 22:37	120-82-1	
2,2'-Oxybis(1-chloropropane)	<82.9	ug/kg	82.9	1	01/30/17 10:30	01/30/17 22:37	108-60-1	
2,4,5-Trichlorophenol	<82.9	ug/kg	82.9	1	01/30/17 10:30	01/30/17 22:37	95-95-4	
2,4,6-Trichlorophenol	<82.9	ug/kg	82.9	1	01/30/17 10:30	01/30/17 22:37	88-06-2	
2,4-Dichlorophenol	<82.9	ug/kg	82.9	1	01/30/17 10:30	01/30/17 22:37	120-83-2	
2,4-Dimethylphenol	<82.9	ug/kg	82.9	1	01/30/17 10:30	01/30/17 22:37	105-67-9	
2,4-Dinitrophenol	<82.9	ug/kg	82.9	1	01/30/17 10:30	01/30/17 22:37	51-28-5	
2,4-Dinitrotoluene	<408	ug/kg	408	1	01/30/17 10:30	01/30/17 22:37	121-14-2	
2,6-Dinitrotoluene	<408	ug/kg	408	1	01/30/17 10:30	01/30/17 22:37	606-20-2	
2-Chloronaphthalene	<82.9	ug/kg	82.9	1	01/30/17 10:30	01/30/17 22:37	91-58-7	
2-Chlorophenol	<82.9	ug/kg	82.9	1	01/30/17 10:30	01/30/17 22:37	95-57-8	
2-Methylnaphthalene	<82.9	ug/kg	82.9	1	01/30/17 10:30	01/30/17 22:37	91-57-6	
2-Methylphenol(o-Cresol)	<82.9	ug/kg	82.9	1	01/30/17 10:30	01/30/17 22:37	95-48-7	
2-Nitroaniline	<408	ug/kg	408	1	01/30/17 10:30	01/30/17 22:37	88-74-4	
2-Nitrophenol	<408	ug/kg	408	1	01/30/17 10:30	01/30/17 22:37	88-75-5	
3&4-Methylphenol(m&p Cresol)	<82.9	ug/kg	82.9	1	01/30/17 10:30	01/30/17 22:37		
3,3'-Dichlorobenzidine	<408	ug/kg	408	1	01/30/17 10:30	01/30/17 22:37	91-94-1	CC
3-Nitroaniline	<408	ug/kg	408	1	01/30/17 10:30	01/30/17 22:37	99-09-2	
4,6-Dinitro-2-methylphenol	<82.9	ug/kg	82.9	1	01/30/17 10:30	01/30/17 22:37	534-52-1	
4-Bromophenylphenyl ether	<82.9	ug/kg	82.9	1	01/30/17 10:30	01/30/17 22:37	101-55-3	
4-Chloro-3-methylphenol	<82.9	ug/kg	82.9	1	01/30/17 10:30	01/30/17 22:37	59-50-7	
4-Chloroaniline	<408	ug/kg	408	1	01/30/17 10:30	01/30/17 22:37	106-47-8	
4-Chlorophenylphenyl ether	<82.9	ug/kg	82.9	1	01/30/17 10:30	01/30/17 22:37	7005-72-3	
4-Nitroaniline	<408	ug/kg	408	1	01/30/17 10:30	01/30/17 22:37	100-01-6	
4-Nitrophenol	<82.9	ug/kg	82.9	1	01/30/17 10:30	01/30/17 22:37	100-02-7	
Acenaphthene	<82.9	ug/kg	82.9	1	01/30/17 10:30	01/30/17 22:37	83-32-9	
Acenaphthylene	<82.9	ug/kg	82.9	1	01/30/17 10:30	01/30/17 22:37	208-96-8	
Acetophenone	<82.9	ug/kg	82.9	1	01/30/17 10:30	01/30/17 22:37	98-86-2	
Anthracene	<82.9	ug/kg	82.9	1	01/30/17 10:30	01/30/17 22:37	120-12-7	
Atrazine	<82.9	ug/kg	82.9	1	01/30/17 10:30	01/30/17 22:37	1912-24-9	IC
Benzaldehyde	<82.9	ug/kg	82.9	1	01/30/17 10:30	01/30/17 22:37	100-52-7	CC,L2
Benzo(a)anthracene	<82.9	ug/kg	82.9	1	01/30/17 10:30	01/30/17 22:37	56-55-3	
Benzo(a)pyrene	<82.9	ug/kg	82.9	1	01/30/17 10:30	01/30/17 22:37	50-32-8	
Benzo(b)fluoranthene	<82.9	ug/kg	82.9	1	01/30/17 10:30	01/30/17 22:37	205-99-2	
Benzo(g,h,i)perylene	<82.9	ug/kg	82.9	1	01/30/17 10:30	01/30/17 22:37	191-24-2	
Benzo(k)fluoranthene	<82.9	ug/kg	82.9	1	01/30/17 10:30	01/30/17 22:37	207-08-9	
Biphenyl (Diphenyl)	<82.9	ug/kg	82.9	1	01/30/17 10:30	01/30/17 22:37	92-52-4	
Butylbenzylphthalate	<82.9	ug/kg	82.9	1	01/30/17 10:30	01/30/17 22:37	85-68-7	
Caprolactam	<82.9	ug/kg	82.9	1	01/30/17 10:30	01/30/17 22:37	105-60-2	
Carbazole	<82.9	ug/kg	82.9	1	01/30/17 10:30	01/30/17 22:37	86-74-8	
Chrysene	<82.9	ug/kg	82.9	1	01/30/17 10:30	01/30/17 22:37	218-01-9	
Di-n-butylphthalate	<82.9	ug/kg	82.9	1	01/30/17 10:30	01/30/17 22:37	84-74-2	
Di-n-octylphthalate	<82.9	ug/kg	82.9	1	01/30/17 10:30	01/30/17 22:37	117-84-0	
Dibenz(a,h)anthracene	<82.9	ug/kg	82.9	1	01/30/17 10:30	01/30/17 22:37	53-70-3	
Dibenzofuran	<82.9	ug/kg	82.9	1	01/30/17 10:30	01/30/17 22:37	132-64-9	
Diethylphthalate	<82.9	ug/kg	82.9	1	01/30/17 10:30	01/30/17 22:37	84-66-2	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 30 Stewart Ave
Pace Project No.: 7010017

Sample: SW-1 **Lab ID: 7010017003** Collected: 01/25/17 10:30 Received: 01/26/17 14:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Analytical Method: EPA 8270D Preparation Method: EPA 3545A								
Dimethylphthalate	<82.9	ug/kg	82.9	1	01/30/17 10:30	01/30/17 22:37	131-11-3	
Fluoranthene	<82.9	ug/kg	82.9	1	01/30/17 10:30	01/30/17 22:37	206-44-0	
Fluorene	<82.9	ug/kg	82.9	1	01/30/17 10:30	01/30/17 22:37	86-73-7	
Hexachloro-1,3-butadiene	<82.9	ug/kg	82.9	1	01/30/17 10:30	01/30/17 22:37	87-68-3	
Hexachlorobenzene	<82.9	ug/kg	82.9	1	01/30/17 10:30	01/30/17 22:37	118-74-1	
Hexachlorocyclopentadiene	<408	ug/kg	408	1	01/30/17 10:30	01/30/17 22:37	77-47-4	L3
Hexachloroethane	<82.9	ug/kg	82.9	1	01/30/17 10:30	01/30/17 22:37	67-72-1	
Indeno(1,2,3-cd)pyrene	<82.9	ug/kg	82.9	1	01/30/17 10:30	01/30/17 22:37	193-39-5	
Isophorone	<82.9	ug/kg	82.9	1	01/30/17 10:30	01/30/17 22:37	78-59-1	
N-Nitroso-di-n-propylamine	<82.9	ug/kg	82.9	1	01/30/17 10:30	01/30/17 22:37	621-64-7	
N-Nitrosodiphenylamine	<82.9	ug/kg	82.9	1	01/30/17 10:30	01/30/17 22:37	86-30-6	
Naphthalene	<82.9	ug/kg	82.9	1	01/30/17 10:30	01/30/17 22:37	91-20-3	
Nitrobenzene	<82.9	ug/kg	82.9	1	01/30/17 10:30	01/30/17 22:37	98-95-3	
Pentachlorophenol	<829	ug/kg	829	1	01/30/17 10:30	01/30/17 22:37	87-86-5	IC
Phenanthrene	<82.9	ug/kg	82.9	1	01/30/17 10:30	01/30/17 22:37	85-01-8	
Phenol	<82.9	ug/kg	82.9	1	01/30/17 10:30	01/30/17 22:37	108-95-2	
Pyrene	<82.9	ug/kg	82.9	1	01/30/17 10:30	01/30/17 22:37	129-00-0	
bis(2-Chloroethoxy)methane	<82.9	ug/kg	82.9	1	01/30/17 10:30	01/30/17 22:37	111-91-1	
bis(2-Chloroethyl) ether	<82.9	ug/kg	82.9	1	01/30/17 10:30	01/30/17 22:37	111-44-4	
bis(2-Ethylhexyl)phthalate	<82.9	ug/kg	82.9	1	01/30/17 10:30	01/30/17 22:37	117-81-7	
Surrogates								
Nitrobenzene-d5 (S)	41	%	23-120	1	01/30/17 10:30	01/30/17 22:37	4165-60-0	
2-Fluorobiphenyl (S)	49	%	30-115	1	01/30/17 10:30	01/30/17 22:37	321-60-8	
p-Terphenyl-d14 (S)	67	%	18-137	1	01/30/17 10:30	01/30/17 22:37	1718-51-0	
Phenol-d5 (S)	52	%	24-113	1	01/30/17 10:30	01/30/17 22:37	4165-62-2	
2-Fluorophenol (S)	44	%	25-121	1	01/30/17 10:30	01/30/17 22:37	367-12-4	
2,4,6-Tribromophenol (S)	53	%	19-122	1	01/30/17 10:30	01/30/17 22:37	118-79-6	
2-Chlorophenol-d4 (S)	46	%	20-130	1	01/30/17 10:30	01/30/17 22:37	93951-73-6	
1,2-Dichlorobenzene-d4 (S)	43	%	20-130	1	01/30/17 10:30	01/30/17 22:37	2199-69-1	
Tentatively Identified Compounds								
2-Pentanone, 4-hydroxy-	214	ug/kg		1	01/30/17 10:30	01/30/17 22:37	4161-60-8	N
2-Pentanone, 4-hydroxy-4	7830	ug/kg		1	01/30/17 10:30	01/30/17 22:37	123-42-2	N
Benzenesulfonamide, N,4-	321	ug/kg		1	01/30/17 10:30	01/30/17 22:37	640-61-9	N
n-Hexadecanoic acid	357	ug/kg		1	01/30/17 10:30	01/30/17 22:37	57-10-3	N
9-Octadecenamide, (Z)-	238	ug/kg		1	01/30/17 10:30	01/30/17 22:37	301-02-0	N
8260C MSV 5035A-L Low Level Analytical Method: EPA 8260C Preparation Method: EPA 5035A-L								
1,1,1-Trichloroethane	<2.0	ug/kg	2.0	1	01/29/17 09:05	01/29/17 23:38	71-55-6	
1,1,2,2-Tetrachloroethane	<2.0	ug/kg	2.0	1	01/29/17 09:05	01/29/17 23:38	79-34-5	
1,1,2-Trichloroethane	<2.0	ug/kg	2.0	1	01/29/17 09:05	01/29/17 23:38	79-00-5	
1,1,2-Trichlorotrifluoroethane	<2.0	ug/kg	2.0	1	01/29/17 09:05	01/29/17 23:38	76-13-1	
1,1-Dichloroethane	<2.0	ug/kg	2.0	1	01/29/17 09:05	01/29/17 23:38	75-34-3	
1,1-Dichloroethene	<2.0	ug/kg	2.0	1	01/29/17 09:05	01/29/17 23:38	75-35-4	
1,2,4-Trichlorobenzene	<2.0	ug/kg	2.0	1	01/29/17 09:05	01/29/17 23:38	120-82-1	
1,2-Dibromo-3-chloropropane	<2.0	ug/kg	2.0	1	01/29/17 09:05	01/29/17 23:38	96-12-8	
1,2-Dibromoethane (EDB)	<2.0	ug/kg	2.0	1	01/29/17 09:05	01/29/17 23:38	106-93-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 30 Stewart Ave
Pace Project No.: 7010017

Sample: SW-1 **Lab ID: 7010017003** Collected: 01/25/17 10:30 Received: 01/26/17 14:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C MSV 5035A-L Low Level		Analytical Method: EPA 8260C Preparation Method: EPA 5035A-L						
1,2-Dichlorobenzene	<2.0	ug/kg	2.0	1	01/29/17 09:05	01/29/17 23:38	95-50-1	
1,2-Dichloroethane	<2.0	ug/kg	2.0	1	01/29/17 09:05	01/29/17 23:38	107-06-2	
1,2-Dichloropropane	<2.0	ug/kg	2.0	1	01/29/17 09:05	01/29/17 23:38	78-87-5	
1,3-Dichlorobenzene	<2.0	ug/kg	2.0	1	01/29/17 09:05	01/29/17 23:38	541-73-1	
1,4-Dichlorobenzene	<2.0	ug/kg	2.0	1	01/29/17 09:05	01/29/17 23:38	106-46-7	
2-Butanone (MEK)	<2.0	ug/kg	2.0	1	01/29/17 09:05	01/29/17 23:38	78-93-3	
2-Hexanone	<2.0	ug/kg	2.0	1	01/29/17 09:05	01/29/17 23:38	591-78-6	
4-Methyl-2-pentanone (MIBK)	<2.0	ug/kg	2.0	1	01/29/17 09:05	01/29/17 23:38	108-10-1	
Acetone	12.2	ug/kg	2.0	1	01/29/17 09:05	01/29/17 23:38	67-64-1	
Benzene	<2.0	ug/kg	2.0	1	01/29/17 09:05	01/29/17 23:38	71-43-2	
Bromodichloromethane	<2.0	ug/kg	2.0	1	01/29/17 09:05	01/29/17 23:38	75-27-4	
Bromoform	<2.0	ug/kg	2.0	1	01/29/17 09:05	01/29/17 23:38	75-25-2	
Bromomethane	<2.0	ug/kg	2.0	1	01/29/17 09:05	01/29/17 23:38	74-83-9	
Carbon disulfide	<2.0	ug/kg	2.0	1	01/29/17 09:05	01/29/17 23:38	75-15-0	
Carbon tetrachloride	<2.0	ug/kg	2.0	1	01/29/17 09:05	01/29/17 23:38	56-23-5	
Chlorobenzene	<2.0	ug/kg	2.0	1	01/29/17 09:05	01/29/17 23:38	108-90-7	
Chloroethane	<2.0	ug/kg	2.0	1	01/29/17 09:05	01/29/17 23:38	75-00-3	
Chloroform	<2.0	ug/kg	2.0	1	01/29/17 09:05	01/29/17 23:38	67-66-3	
Chloromethane	<2.0	ug/kg	2.0	1	01/29/17 09:05	01/29/17 23:38	74-87-3	
Cyclohexane	<2.0	ug/kg	2.0	1	01/29/17 09:05	01/29/17 23:38	110-82-7	
Dibromochloromethane	<2.0	ug/kg	2.0	1	01/29/17 09:05	01/29/17 23:38	124-48-1	
Dichlorodifluoromethane	<2.0	ug/kg	2.0	1	01/29/17 09:05	01/29/17 23:38	75-71-8	
Ethylbenzene	<2.0	ug/kg	2.0	1	01/29/17 09:05	01/29/17 23:38	100-41-4	
Isopropylbenzene (Cumene)	<2.0	ug/kg	2.0	1	01/29/17 09:05	01/29/17 23:38	98-82-8	
Methyl acetate	<2.0	ug/kg	2.0	1	01/29/17 09:05	01/29/17 23:38	79-20-9	
Methyl-tert-butyl ether	<2.0	ug/kg	2.0	1	01/29/17 09:05	01/29/17 23:38	1634-04-4	
Methylcyclohexane	3.2	ug/kg	2.0	1	01/29/17 09:05	01/29/17 23:38	108-87-2	
Methylene Chloride	<2.0	ug/kg	2.0	1	01/29/17 09:05	01/29/17 23:38	75-09-2	
Styrene	<2.0	ug/kg	2.0	1	01/29/17 09:05	01/29/17 23:38	100-42-5	
Tetrachloroethene	<2.0	ug/kg	2.0	1	01/29/17 09:05	01/29/17 23:38	127-18-4	
Toluene	<2.0	ug/kg	2.0	1	01/29/17 09:05	01/29/17 23:38	108-88-3	
Trichloroethene	<2.0	ug/kg	2.0	1	01/29/17 09:05	01/29/17 23:38	79-01-6	
Trichlorofluoromethane	<2.0	ug/kg	2.0	1	01/29/17 09:05	01/29/17 23:38	75-69-4	
Vinyl chloride	<2.0	ug/kg	2.0	1	01/29/17 09:05	01/29/17 23:38	75-01-4	
Xylene (Total)	<2.0	ug/kg	2.0	1	01/29/17 09:05	01/29/17 23:38	1330-20-7	
cis-1,2-Dichloroethene	<2.0	ug/kg	2.0	1	01/29/17 09:05	01/29/17 23:38	156-59-2	
cis-1,3-Dichloropropene	<2.0	ug/kg	2.0	1	01/29/17 09:05	01/29/17 23:38	10061-01-5	
trans-1,2-Dichloroethene	<2.0	ug/kg	2.0	1	01/29/17 09:05	01/29/17 23:38	156-60-5	
trans-1,3-Dichloropropene	<2.0	ug/kg	2.0	1	01/29/17 09:05	01/29/17 23:38	10061-02-6	
Surrogates								
Toluene-d8 (S)	104	%	43-157	1	01/29/17 09:05	01/29/17 23:38	2037-26-5	
4-Bromofluorobenzene (S)	106	%	34-145	1	01/29/17 09:05	01/29/17 23:38	460-00-4	
1,2-Dichloroethane-d4 (S)	97	%	33-150	1	01/29/17 09:05	01/29/17 23:38	17060-07-0	
Tentatively Identified Compounds								
c4 substituted benzene	27.7	ug/kg		1	01/29/17 09:05	01/29/17 23:38		N
c4 substituted benzene	25.1	ug/kg		1	01/29/17 09:05	01/29/17 23:38		N

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 30 Stewart Ave

Pace Project No.: 7010017

Sample: SW-1 **Lab ID: 7010017003** Collected: 01/25/17 10:30 Received: 01/26/17 14:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C MSV 5035A-L Low Level		Analytical Method: EPA 8260C Preparation Method: EPA 5035A-L						
Tentatively Identified Compounds								
c4 substituted benzene	38.4	ug/kg		1	01/29/17 09:05	01/29/17 23:38		N
c5 substituted benzene	29.5	ug/kg		1	01/29/17 09:05	01/29/17 23:38		N
c5 substituted benzene	26.3	ug/kg		1	01/29/17 09:05	01/29/17 23:38		N
Naphthalene,tetrahydro	34.4	ug/kg		1	01/29/17 09:05	01/29/17 23:38		N
c5 substituted benzene	36.4	ug/kg		1	01/29/17 09:05	01/29/17 23:38		N
Naphthalene,tetrahydro	53.6	ug/kg		1	01/29/17 09:05	01/29/17 23:38		N
c5 substituted benzene	29.2	ug/kg		1	01/29/17 09:05	01/29/17 23:38		N
Naphthalene,tetrahydro	32.6	ug/kg		1	01/29/17 09:05	01/29/17 23:38		N

Percent Moisture

Analytical Method: ASTM D2216-92

Percent Moisture	19.2	%	0.10	1	01/31/17 14:10
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ANALYTICAL RESULTS

Project: 30 Stewart Ave
Pace Project No.: 7010017

Sample: SW-2 **Lab ID: 7010017004** Collected: 01/25/17 10:45 Received: 01/26/17 14:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8081 GCS Pesticides Analytical Method: EPA 8081B Preparation Method: EPA 3545A								
Aldrin	<2.0	ug/kg	2.0	1	01/27/17 13:00	02/01/17 17:45	309-00-2	
alpha-BHC	<2.0	ug/kg	2.0	1	01/27/17 13:00	02/01/17 17:45	319-84-6	
beta-BHC	<2.0	ug/kg	2.0	1	01/27/17 13:00	02/01/17 17:45	319-85-7	
delta-BHC	<2.0	ug/kg	2.0	1	01/27/17 13:00	02/01/17 17:45	319-86-8	
gamma-BHC (Lindane)	<2.0	ug/kg	2.0	1	01/27/17 13:00	02/01/17 17:45	58-89-9	
alpha-Chlordane	<2.0	ug/kg	2.0	1	01/27/17 13:00	02/01/17 17:45	5103-71-9	
gamma-Chlordane	<2.0	ug/kg	2.0	1	01/27/17 13:00	02/01/17 17:45	5103-74-2	
4,4'-DDD	<4.0	ug/kg	4.0	1	01/27/17 13:00	02/01/17 17:45	72-54-8	L2
4,4'-DDE	<4.0	ug/kg	4.0	1	01/27/17 13:00	02/01/17 17:45	72-55-9	
4,4'-DDT	<4.0	ug/kg	4.0	1	01/27/17 13:00	02/01/17 17:45	50-29-3	
Dieldrin	<4.0	ug/kg	4.0	1	01/27/17 13:00	02/01/17 17:45	60-57-1	
Endosulfan I	<2.0	ug/kg	2.0	1	01/27/17 13:00	02/01/17 17:45	959-98-8	L2
Endosulfan II	<4.0	ug/kg	4.0	1	01/27/17 13:00	02/01/17 17:45	33213-65-9	L2
Endosulfan sulfate	<4.0	ug/kg	4.0	1	01/27/17 13:00	02/01/17 17:45	1031-07-8	
Endrin	<4.0	ug/kg	4.0	1	01/27/17 13:00	02/01/17 17:45	72-20-8	
Endrin aldehyde	<4.0	ug/kg	4.0	1	01/27/17 13:00	02/01/17 17:45	7421-93-4	
Endrin ketone	<4.0	ug/kg	4.0	1	01/27/17 13:00	02/01/17 17:45	53494-70-5	
Heptachlor	<2.0	ug/kg	2.0	1	01/27/17 13:00	02/01/17 17:45	76-44-8	L2
Heptachlor epoxide	<2.0	ug/kg	2.0	1	01/27/17 13:00	02/01/17 17:45	1024-57-3	
Methoxychlor	<20.5	ug/kg	20.5	1	01/27/17 13:00	02/01/17 17:45	72-43-5	
Toxaphene	<205	ug/kg	205	1	01/27/17 13:00	02/01/17 17:45	8001-35-2	
Surrogates								
Tetrachloro-m-xylene (S)	49	%.	30-150	1	01/27/17 13:00	02/01/17 17:45	877-09-8	
Decachlorobiphenyl (S)	56	%.	30-150	1	01/27/17 13:00	02/01/17 17:45	2051-24-3	
8082 GCS PCB Analytical Method: EPA 8082A Preparation Method: EPA 3545A								
PCB-1016 (Aroclor 1016)	<39.7	ug/kg	39.7	1	01/27/17 13:00	02/01/17 16:50	12674-11-2	
PCB-1221 (Aroclor 1221)	<80.7	ug/kg	80.7	1	01/27/17 13:00	02/01/17 16:50	11104-28-2	
PCB-1232 (Aroclor 1232)	<39.7	ug/kg	39.7	1	01/27/17 13:00	02/01/17 16:50	11141-16-5	
PCB-1242 (Aroclor 1242)	<39.7	ug/kg	39.7	1	01/27/17 13:00	02/01/17 16:50	53469-21-9	
PCB-1248 (Aroclor 1248)	<39.7	ug/kg	39.7	1	01/27/17 13:00	02/01/17 16:50	12672-29-6	
PCB-1254 (Aroclor 1254)	<39.7	ug/kg	39.7	1	01/27/17 13:00	02/01/17 16:50	11097-69-1	
PCB-1260 (Aroclor 1260)	<39.7	ug/kg	39.7	1	01/27/17 13:00	02/01/17 16:50	11096-82-5	
Surrogates								
Tetrachloro-m-xylene (S)	48	%.	30-150	1	01/27/17 13:00	02/01/17 16:50	877-09-8	
Decachlorobiphenyl (S)	61	%.	30-150	1	01/27/17 13:00	02/01/17 16:50	2051-24-3	
8151 Chlorinated Herbicides Analytical Method: EPA 8151A Preparation Method: EPA 8151A								
2,4-D	<12.0	ug/kg	12.0	1	01/31/17 10:26	02/02/17 02:01	94-75-7	
Dicamba	<3.6	ug/kg	3.6	1	01/31/17 10:26	02/02/17 02:01	1918-00-9	
2,4,5-T	<6.0	ug/kg	6.0	1	01/31/17 10:26	02/02/17 02:01	93-76-5	
2,4,5-TP (Silvex)	<6.0	ug/kg	6.0	1	01/31/17 10:26	02/02/17 02:01	93-72-1	
Surrogates								
2,4-DCAA (S)	56	%.	29-136	1	01/31/17 10:26	02/02/17 02:01	19719-28-9	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 30 Stewart Ave
Pace Project No.: 7010017

Sample: SW-2 **Lab ID: 7010017004** Collected: 01/25/17 10:45 Received: 01/26/17 14:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP Analytical Method: EPA 6010C Preparation Method: EPA 3050B								
Aluminum	12200	mg/kg	12.1	1	02/01/17 11:45	02/02/17 00:40	7429-90-5	
Antimony	<3.6	mg/kg	3.6	1	02/01/17 11:45	02/02/17 00:40	7440-36-0	
Arsenic	6.7	mg/kg	0.60	1	02/01/17 11:45	02/02/17 00:40	7440-38-2	
Barium	81.7	mg/kg	12.1	1	02/01/17 11:45	02/02/17 00:40	7440-39-3	
Beryllium	0.37	mg/kg	0.30	1	02/01/17 11:45	02/02/17 00:40	7440-41-7	
Cadmium	0.31	mg/kg	0.15	1	02/01/17 11:45	02/02/17 00:40	7440-43-9	
Calcium	2890	mg/kg	60.3	1	02/01/17 11:45	02/02/17 00:40	7440-70-2	
Chromium	28.7	mg/kg	0.60	1	02/01/17 11:45	02/02/17 00:40	7440-47-3	
Cobalt	9.0	mg/kg	3.0	1	02/01/17 11:45	02/02/17 00:40	7440-48-4	
Copper	23.6	mg/kg	1.5	1	02/01/17 11:45	02/02/17 00:40	7440-50-8	
Iron	19900	mg/kg	6.0	1	02/01/17 11:45	02/02/17 00:40	7439-89-6	
Lead	20.6	mg/kg	0.30	1	02/01/17 11:45	02/02/17 00:40	7439-92-1	
Magnesium	4840	mg/kg	60.3	1	02/01/17 11:45	02/02/17 00:40	7439-95-4	
Manganese	305	mg/kg	0.90	1	02/01/17 11:45	02/02/17 00:40	7439-96-5	
Nickel	16.6	mg/kg	2.4	1	02/01/17 11:45	02/02/17 00:40	7440-02-0	
Potassium	2470	mg/kg	301	1	02/01/17 11:45	02/02/17 00:40	7440-09-7	
Selenium	<0.60	mg/kg	0.60	1	02/01/17 11:45	02/02/17 00:40	7782-49-2	
Silver	<0.60	mg/kg	0.60	1	02/01/17 11:45	02/02/17 00:40	7440-22-4	
Sodium	<301	mg/kg	301	1	02/01/17 11:45	02/02/17 00:40	7440-23-5	
Thallium	<0.60	mg/kg	0.60	1	02/01/17 11:45	02/02/17 00:40	7440-28-0	
Vanadium	35.1	mg/kg	3.0	1	02/01/17 11:45	02/02/17 00:40	7440-62-2	
Zinc	42.9	mg/kg	1.2	1	02/01/17 11:45	02/02/17 00:40	7440-66-6	

7471 Mercury

Analytical Method: EPA 7471B Preparation Method: EPA 7471B

Mercury	<0.043	mg/kg	0.043	1	02/01/17 11:45	02/02/17 15:12	7439-97-6	
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8270 MSSV

Analytical Method: EPA 8270D Preparation Method: EPA 3545A

1,2,4-Trichlorobenzene	<80.7	ug/kg	80.7	1	01/30/17 10:30	01/31/17 01:29	120-82-1	
2,2'-Oxybis(1-chloropropane)	<80.7	ug/kg	80.7	1	01/30/17 10:30	01/31/17 01:29	108-60-1	
2,4,5-Trichlorophenol	<80.7	ug/kg	80.7	1	01/30/17 10:30	01/31/17 01:29	95-95-4	
2,4,6-Trichlorophenol	<80.7	ug/kg	80.7	1	01/30/17 10:30	01/31/17 01:29	88-06-2	
2,4-Dichlorophenol	<80.7	ug/kg	80.7	1	01/30/17 10:30	01/31/17 01:29	120-83-2	
2,4-Dimethylphenol	<80.7	ug/kg	80.7	1	01/30/17 10:30	01/31/17 01:29	105-67-9	
2,4-Dinitrophenol	<80.7	ug/kg	80.7	1	01/30/17 10:30	01/31/17 01:29	51-28-5	
2,4-Dinitrotoluene	<397	ug/kg	397	1	01/30/17 10:30	01/31/17 01:29	121-14-2	
2,6-Dinitrotoluene	<397	ug/kg	397	1	01/30/17 10:30	01/31/17 01:29	606-20-2	
2-Chloronaphthalene	<80.7	ug/kg	80.7	1	01/30/17 10:30	01/31/17 01:29	91-58-7	
2-Chlorophenol	<80.7	ug/kg	80.7	1	01/30/17 10:30	01/31/17 01:29	95-57-8	
2-Methylnaphthalene	<80.7	ug/kg	80.7	1	01/30/17 10:30	01/31/17 01:29	91-57-6	
2-Methylphenol(o-Cresol)	<80.7	ug/kg	80.7	1	01/30/17 10:30	01/31/17 01:29	95-48-7	
2-Nitroaniline	<397	ug/kg	397	1	01/30/17 10:30	01/31/17 01:29	88-74-4	
2-Nitrophenol	<397	ug/kg	397	1	01/30/17 10:30	01/31/17 01:29	88-75-5	
3&4-Methylphenol(m&p Cresol)	<80.7	ug/kg	80.7	1	01/30/17 10:30	01/31/17 01:29		
3,3'-Dichlorobenzidine	<397	ug/kg	397	1	01/30/17 10:30	01/31/17 01:29	91-94-1	CC
3-Nitroaniline	<397	ug/kg	397	1	01/30/17 10:30	01/31/17 01:29	99-09-2	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 30 Stewart Ave
Pace Project No.: 7010017

Sample: SW-2 **Lab ID: 7010017004** Collected: 01/25/17 10:45 Received: 01/26/17 14:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Analytical Method: EPA 8270D Preparation Method: EPA 3545A								
4,6-Dinitro-2-methylphenol	<807	ug/kg	807	1	01/30/17 10:30	01/31/17 01:29	534-52-1	
4-Bromophenylphenyl ether	<80.7	ug/kg	80.7	1	01/30/17 10:30	01/31/17 01:29	101-55-3	
4-Chloro-3-methylphenol	<80.7	ug/kg	80.7	1	01/30/17 10:30	01/31/17 01:29	59-50-7	
4-Chloroaniline	<397	ug/kg	397	1	01/30/17 10:30	01/31/17 01:29	106-47-8	
4-Chlorophenylphenyl ether	<80.7	ug/kg	80.7	1	01/30/17 10:30	01/31/17 01:29	7005-72-3	
4-Nitroaniline	<397	ug/kg	397	1	01/30/17 10:30	01/31/17 01:29	100-01-6	
4-Nitrophenol	<807	ug/kg	807	1	01/30/17 10:30	01/31/17 01:29	100-02-7	
Acenaphthene	<80.7	ug/kg	80.7	1	01/30/17 10:30	01/31/17 01:29	83-32-9	
Acenaphthylene	<80.7	ug/kg	80.7	1	01/30/17 10:30	01/31/17 01:29	208-96-8	
Acetophenone	<80.7	ug/kg	80.7	1	01/30/17 10:30	01/31/17 01:29	98-86-2	
Anthracene	<80.7	ug/kg	80.7	1	01/30/17 10:30	01/31/17 01:29	120-12-7	
Atrazine	<80.7	ug/kg	80.7	1	01/30/17 10:30	01/31/17 01:29	1912-24-9	IC
Benzaldehyde	<80.7	ug/kg	80.7	1	01/30/17 10:30	01/31/17 01:29	100-52-7	CC,L2
Benzo(a)anthracene	<80.7	ug/kg	80.7	1	01/30/17 10:30	01/31/17 01:29	56-55-3	
Benzo(a)pyrene	<80.7	ug/kg	80.7	1	01/30/17 10:30	01/31/17 01:29	50-32-8	
Benzo(b)fluoranthene	<80.7	ug/kg	80.7	1	01/30/17 10:30	01/31/17 01:29	205-99-2	
Benzo(g,h,i)perylene	<80.7	ug/kg	80.7	1	01/30/17 10:30	01/31/17 01:29	191-24-2	
Benzo(k)fluoranthene	<80.7	ug/kg	80.7	1	01/30/17 10:30	01/31/17 01:29	207-08-9	
Biphenyl (Diphenyl)	<80.7	ug/kg	80.7	1	01/30/17 10:30	01/31/17 01:29	92-52-4	
Butylbenzylphthalate	<80.7	ug/kg	80.7	1	01/30/17 10:30	01/31/17 01:29	85-68-7	
Caprolactam	<80.7	ug/kg	80.7	1	01/30/17 10:30	01/31/17 01:29	105-60-2	
Carbazole	<80.7	ug/kg	80.7	1	01/30/17 10:30	01/31/17 01:29	86-74-8	
Chrysene	<80.7	ug/kg	80.7	1	01/30/17 10:30	01/31/17 01:29	218-01-9	
Di-n-butylphthalate	<80.7	ug/kg	80.7	1	01/30/17 10:30	01/31/17 01:29	84-74-2	
Di-n-octylphthalate	<80.7	ug/kg	80.7	1	01/30/17 10:30	01/31/17 01:29	117-84-0	
Dibenz(a,h)anthracene	<80.7	ug/kg	80.7	1	01/30/17 10:30	01/31/17 01:29	53-70-3	
Dibenzofuran	<80.7	ug/kg	80.7	1	01/30/17 10:30	01/31/17 01:29	132-64-9	
Diethylphthalate	<80.7	ug/kg	80.7	1	01/30/17 10:30	01/31/17 01:29	84-66-2	
Dimethylphthalate	<80.7	ug/kg	80.7	1	01/30/17 10:30	01/31/17 01:29	131-11-3	
Fluoranthene	<80.7	ug/kg	80.7	1	01/30/17 10:30	01/31/17 01:29	206-44-0	
Fluorene	<80.7	ug/kg	80.7	1	01/30/17 10:30	01/31/17 01:29	86-73-7	
Hexachloro-1,3-butadiene	<80.7	ug/kg	80.7	1	01/30/17 10:30	01/31/17 01:29	87-68-3	
Hexachlorobenzene	<80.7	ug/kg	80.7	1	01/30/17 10:30	01/31/17 01:29	118-74-1	
Hexachlorocyclopentadiene	<397	ug/kg	397	1	01/30/17 10:30	01/31/17 01:29	77-47-4	L3
Hexachloroethane	<80.7	ug/kg	80.7	1	01/30/17 10:30	01/31/17 01:29	67-72-1	
Indeno(1,2,3-cd)pyrene	<80.7	ug/kg	80.7	1	01/30/17 10:30	01/31/17 01:29	193-39-5	
Isophorone	<80.7	ug/kg	80.7	1	01/30/17 10:30	01/31/17 01:29	78-59-1	
N-Nitroso-di-n-propylamine	<80.7	ug/kg	80.7	1	01/30/17 10:30	01/31/17 01:29	621-64-7	
N-Nitrosodiphenylamine	<80.7	ug/kg	80.7	1	01/30/17 10:30	01/31/17 01:29	86-30-6	
Naphthalene	<80.7	ug/kg	80.7	1	01/30/17 10:30	01/31/17 01:29	91-20-3	
Nitrobenzene	<80.7	ug/kg	80.7	1	01/30/17 10:30	01/31/17 01:29	98-95-3	
Pentachlorophenol	<807	ug/kg	807	1	01/30/17 10:30	01/31/17 01:29	87-86-5	IC
Phenanthrene	<80.7	ug/kg	80.7	1	01/30/17 10:30	01/31/17 01:29	85-01-8	
Phenol	<80.7	ug/kg	80.7	1	01/30/17 10:30	01/31/17 01:29	108-95-2	
Pyrene	<80.7	ug/kg	80.7	1	01/30/17 10:30	01/31/17 01:29	129-00-0	
bis(2-Chloroethoxy)methane	<80.7	ug/kg	80.7	1	01/30/17 10:30	01/31/17 01:29	111-91-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 30 Stewart Ave
Pace Project No.: 7010017

Sample: SW-2 **Lab ID: 7010017004** Collected: 01/25/17 10:45 Received: 01/26/17 14:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Analytical Method: EPA 8270D Preparation Method: EPA 3545A								
bis(2-Chloroethyl) ether	<80.7	ug/kg	80.7	1	01/30/17 10:30	01/31/17 01:29	111-44-4	
bis(2-Ethylhexyl)phthalate	<80.7	ug/kg	80.7	1	01/30/17 10:30	01/31/17 01:29	117-81-7	
Surrogates								
Nitrobenzene-d5 (S)	45	%.	23-120	1	01/30/17 10:30	01/31/17 01:29	4165-60-0	
2-Fluorobiphenyl (S)	48	%.	30-115	1	01/30/17 10:30	01/31/17 01:29	321-60-8	
p-Terphenyl-d14 (S)	60	%.	18-137	1	01/30/17 10:30	01/31/17 01:29	1718-51-0	
Phenol-d5 (S)	44	%.	24-113	1	01/30/17 10:30	01/31/17 01:29	4165-62-2	
2-Fluorophenol (S)	47	%.	25-121	1	01/30/17 10:30	01/31/17 01:29	367-12-4	
2,4,6-Tribromophenol (S)	40	%.	19-122	1	01/30/17 10:30	01/31/17 01:29	118-79-6	
2-Chlorophenol-d4 (S)	41	%.	20-130	1	01/30/17 10:30	01/31/17 01:29	93951-73-6	
1,2-Dichlorobenzene-d4 (S)	38	%.	20-130	1	01/30/17 10:30	01/31/17 01:29	2199-69-1	
Tentatively Identified Compounds								
3-Penten-2-one, 4-methyl	200	ug/kg		1	01/30/17 10:30	01/31/17 01:29	141-79-7	N
2-Pentanone, 4-hydroxy-4	8380	ug/kg		1	01/30/17 10:30	01/31/17 01:29	123-42-2	N
Benzenesulfonamide, N,4-	358	ug/kg		1	01/30/17 10:30	01/31/17 01:29	640-61-9	N
n-Hexadecanoic acid+unkn	365	ug/kg		1	01/30/17 10:30	01/31/17 01:29	57-10-3	N
9-Octadecenamide, (Z)-	177	ug/kg		1	01/30/17 10:30	01/31/17 01:29	301-02-0	N
Cyclononasiloxane, octa	161	ug/kg		1	01/30/17 10:30	01/31/17 01:29	556-71-8	N
8260C MSV 5035A-L Low Level Analytical Method: EPA 8260C Preparation Method: EPA 5035A-L								
1,1,1-Trichloroethane	<1.9	ug/kg	1.9	1	01/29/17 09:05	01/29/17 20:49	71-55-6	
1,1,2,2-Tetrachloroethane	<1.9	ug/kg	1.9	1	01/29/17 09:05	01/29/17 20:49	79-34-5	
1,1,2-Trichloroethane	<1.9	ug/kg	1.9	1	01/29/17 09:05	01/29/17 20:49	79-00-5	
1,1,2-Trichlorotrifluoroethane	<1.9	ug/kg	1.9	1	01/29/17 09:05	01/29/17 20:49	76-13-1	
1,1-Dichloroethane	<1.9	ug/kg	1.9	1	01/29/17 09:05	01/29/17 20:49	75-34-3	
1,1-Dichloroethene	<1.9	ug/kg	1.9	1	01/29/17 09:05	01/29/17 20:49	75-35-4	
1,2,4-Trichlorobenzene	<1.9	ug/kg	1.9	1	01/29/17 09:05	01/29/17 20:49	120-82-1	
1,2-Dibromo-3-chloropropane	<1.9	ug/kg	1.9	1	01/29/17 09:05	01/29/17 20:49	96-12-8	
1,2-Dibromoethane (EDB)	<1.9	ug/kg	1.9	1	01/29/17 09:05	01/29/17 20:49	106-93-4	
1,2-Dichlorobenzene	<1.9	ug/kg	1.9	1	01/29/17 09:05	01/29/17 20:49	95-50-1	
1,2-Dichloroethane	<1.9	ug/kg	1.9	1	01/29/17 09:05	01/29/17 20:49	107-06-2	
1,2-Dichloropropane	<1.9	ug/kg	1.9	1	01/29/17 09:05	01/29/17 20:49	78-87-5	
1,3-Dichlorobenzene	<1.9	ug/kg	1.9	1	01/29/17 09:05	01/29/17 20:49	541-73-1	
1,4-Dichlorobenzene	<1.9	ug/kg	1.9	1	01/29/17 09:05	01/29/17 20:49	106-46-7	
2-Butanone (MEK)	<1.9	ug/kg	1.9	1	01/29/17 09:05	01/29/17 20:49	78-93-3	
2-Hexanone	<1.9	ug/kg	1.9	1	01/29/17 09:05	01/29/17 20:49	591-78-6	
4-Methyl-2-pentanone (MIBK)	<1.9	ug/kg	1.9	1	01/29/17 09:05	01/29/17 20:49	108-10-1	
Acetone	15.6	ug/kg	1.9	1	01/29/17 09:05	01/29/17 20:49	67-64-1	
Benzene	<1.9	ug/kg	1.9	1	01/29/17 09:05	01/29/17 20:49	71-43-2	
Bromodichloromethane	<1.9	ug/kg	1.9	1	01/29/17 09:05	01/29/17 20:49	75-27-4	
Bromoform	<1.9	ug/kg	1.9	1	01/29/17 09:05	01/29/17 20:49	75-25-2	
Bromomethane	<1.9	ug/kg	1.9	1	01/29/17 09:05	01/29/17 20:49	74-83-9	
Carbon disulfide	<1.9	ug/kg	1.9	1	01/29/17 09:05	01/29/17 20:49	75-15-0	
Carbon tetrachloride	<1.9	ug/kg	1.9	1	01/29/17 09:05	01/29/17 20:49	56-23-5	
Chlorobenzene	<1.9	ug/kg	1.9	1	01/29/17 09:05	01/29/17 20:49	108-90-7	
Chloroethane	<1.9	ug/kg	1.9	1	01/29/17 09:05	01/29/17 20:49	75-00-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 30 Stewart Ave
Pace Project No.: 7010017

Sample: SW-2 **Lab ID: 7010017004** Collected: 01/25/17 10:45 Received: 01/26/17 14:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C MSV 5035A-L Low Level Analytical Method: EPA 8260C Preparation Method: EPA 5035A-L								
Chloroform	<1.9	ug/kg	1.9	1	01/29/17 09:05	01/29/17 20:49	67-66-3	
Chloromethane	<1.9	ug/kg	1.9	1	01/29/17 09:05	01/29/17 20:49	74-87-3	
Cyclohexane	<1.9	ug/kg	1.9	1	01/29/17 09:05	01/29/17 20:49	110-82-7	
Dibromochloromethane	<1.9	ug/kg	1.9	1	01/29/17 09:05	01/29/17 20:49	124-48-1	
Dichlorodifluoromethane	<1.9	ug/kg	1.9	1	01/29/17 09:05	01/29/17 20:49	75-71-8	
Ethylbenzene	<1.9	ug/kg	1.9	1	01/29/17 09:05	01/29/17 20:49	100-41-4	
Isopropylbenzene (Cumene)	<1.9	ug/kg	1.9	1	01/29/17 09:05	01/29/17 20:49	98-82-8	
Methyl acetate	<1.9	ug/kg	1.9	1	01/29/17 09:05	01/29/17 20:49	79-20-9	
Methyl-tert-butyl ether	<1.9	ug/kg	1.9	1	01/29/17 09:05	01/29/17 20:49	1634-04-4	
Methylcyclohexane	9.4	ug/kg	1.9	1	01/29/17 09:05	01/29/17 20:49	108-87-2	
Methylene Chloride	<1.9	ug/kg	1.9	1	01/29/17 09:05	01/29/17 20:49	75-09-2	
Styrene	<1.9	ug/kg	1.9	1	01/29/17 09:05	01/29/17 20:49	100-42-5	
Tetrachloroethene	<1.9	ug/kg	1.9	1	01/29/17 09:05	01/29/17 20:49	127-18-4	
Toluene	<1.9	ug/kg	1.9	1	01/29/17 09:05	01/29/17 20:49	108-88-3	
Trichloroethene	<1.9	ug/kg	1.9	1	01/29/17 09:05	01/29/17 20:49	79-01-6	
Trichlorofluoromethane	5.1	ug/kg	1.9	1	01/29/17 09:05	01/29/17 20:49	75-69-4	
Vinyl chloride	<1.9	ug/kg	1.9	1	01/29/17 09:05	01/29/17 20:49	75-01-4	
Xylene (Total)	2.1	ug/kg	1.9	1	01/29/17 09:05	01/29/17 20:49	1330-20-7	
cis-1,2-Dichloroethene	<1.9	ug/kg	1.9	1	01/29/17 09:05	01/29/17 20:49	156-59-2	
cis-1,3-Dichloropropene	<1.9	ug/kg	1.9	1	01/29/17 09:05	01/29/17 20:49	10061-01-5	
trans-1,2-Dichloroethene	<1.9	ug/kg	1.9	1	01/29/17 09:05	01/29/17 20:49	156-60-5	
trans-1,3-Dichloropropene	<1.9	ug/kg	1.9	1	01/29/17 09:05	01/29/17 20:49	10061-02-6	
Surrogates								
Toluene-d8 (S)	105	%	43-157	1	01/29/17 09:05	01/29/17 20:49	2037-26-5	
4-Bromofluorobenzene (S)	104	%	34-145	1	01/29/17 09:05	01/29/17 20:49	460-00-4	
1,2-Dichloroethane-d4 (S)	105	%	33-150	1	01/29/17 09:05	01/29/17 20:49	17060-07-0	
Tentatively Identified Compounds								
Cyclohexane,dimethyl iso	6.7	ug/kg		1	01/29/17 09:05	01/29/17 20:49		N
Cyclohexane,dimethyl iso	7.0	ug/kg		1	01/29/17 09:05	01/29/17 20:49		N
Cyclohexane, ethyl-	5.4	ug/kg		1	01/29/17 09:05	01/29/17 20:49	1678-91-7	N
Cyclohexane,trimethyl-is	20.3	ug/kg		1	01/29/17 09:05	01/29/17 20:49		N
Unknown Cycloalkane	7.9	ug/kg		1	01/29/17 09:05	01/29/17 20:49		N
Unknown Cycloalkane	5.8	ug/kg		1	01/29/17 09:05	01/29/17 20:49		N
Unknown	8.5	ug/kg		1	01/29/17 09:05	01/29/17 20:49		N
c3 substituted benzene	6.5	ug/kg		1	01/29/17 09:05	01/29/17 20:49		N
c4 substituted benzene	5.9	ug/kg		1	01/29/17 09:05	01/29/17 20:49		N

Percent Moisture

Analytical Method: ASTM D2216-92

Percent Moisture	17.0	%	0.10	1	01/31/17 14:12
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REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 30 Stewart Ave
Pace Project No.: 7010017

Sample: SW-3 **Lab ID: 7010017005** Collected: 01/25/17 11:00 Received: 01/26/17 14:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Analytical Method: EPA 8270D Preparation Method: EPA 3545A								
1,2,4-Trichlorobenzene	<78.9	ug/kg	78.9	1	02/01/17 10:00	02/02/17 14:17	120-82-1	
2,2'-Oxybis(1-chloropropane)	<78.9	ug/kg	78.9	1	02/01/17 10:00	02/02/17 14:17	108-60-1	
2,4,5-Trichlorophenol	<78.9	ug/kg	78.9	1	02/01/17 10:00	02/02/17 14:17	95-95-4	
2,4,6-Trichlorophenol	<78.9	ug/kg	78.9	1	02/01/17 10:00	02/02/17 14:17	88-06-2	
2,4-Dichlorophenol	<78.9	ug/kg	78.9	1	02/01/17 10:00	02/02/17 14:17	120-83-2	
2,4-Dimethylphenol	<78.9	ug/kg	78.9	1	02/01/17 10:00	02/02/17 14:17	105-67-9	
2,4-Dinitrophenol	<78.9	ug/kg	78.9	1	02/01/17 10:00	02/02/17 14:17	51-28-5	
2,4-Dinitrotoluene	<389	ug/kg	389	1	02/01/17 10:00	02/02/17 14:17	121-14-2	
2,6-Dinitrotoluene	<389	ug/kg	389	1	02/01/17 10:00	02/02/17 14:17	606-20-2	
2-Chloronaphthalene	<78.9	ug/kg	78.9	1	02/01/17 10:00	02/02/17 14:17	91-58-7	
2-Chlorophenol	<78.9	ug/kg	78.9	1	02/01/17 10:00	02/02/17 14:17	95-57-8	
2-Methylnaphthalene	<78.9	ug/kg	78.9	1	02/01/17 10:00	02/02/17 14:17	91-57-6	
2-Methylphenol(o-Cresol)	<78.9	ug/kg	78.9	1	02/01/17 10:00	02/02/17 14:17	95-48-7	
2-Nitroaniline	<389	ug/kg	389	1	02/01/17 10:00	02/02/17 14:17	88-74-4	
2-Nitrophenol	<389	ug/kg	389	1	02/01/17 10:00	02/02/17 14:17	88-75-5	
3&4-Methylphenol(m&p Cresol)	<78.9	ug/kg	78.9	1	02/01/17 10:00	02/02/17 14:17		
3,3'-Dichlorobenzidine	<389	ug/kg	389	1	02/01/17 10:00	02/02/17 14:17	91-94-1	L2
3-Nitroaniline	<389	ug/kg	389	1	02/01/17 10:00	02/02/17 14:17	99-09-2	
4,6-Dinitro-2-methylphenol	<78.9	ug/kg	78.9	1	02/01/17 10:00	02/02/17 14:17	534-52-1	
4-Bromophenylphenyl ether	<78.9	ug/kg	78.9	1	02/01/17 10:00	02/02/17 14:17	101-55-3	
4-Chloro-3-methylphenol	<78.9	ug/kg	78.9	1	02/01/17 10:00	02/02/17 14:17	59-50-7	
4-Chloroaniline	<389	ug/kg	389	1	02/01/17 10:00	02/02/17 14:17	106-47-8	
4-Chlorophenylphenyl ether	<78.9	ug/kg	78.9	1	02/01/17 10:00	02/02/17 14:17	7005-72-3	
4-Nitroaniline	<389	ug/kg	389	1	02/01/17 10:00	02/02/17 14:17	100-01-6	L2
4-Nitrophenol	<78.9	ug/kg	78.9	1	02/01/17 10:00	02/02/17 14:17	100-02-7	
Acenaphthene	<78.9	ug/kg	78.9	1	02/01/17 10:00	02/02/17 14:17	83-32-9	
Acenaphthylene	<78.9	ug/kg	78.9	1	02/01/17 10:00	02/02/17 14:17	208-96-8	
Acetophenone	<78.9	ug/kg	78.9	1	02/01/17 10:00	02/02/17 14:17	98-86-2	
Anthracene	<78.9	ug/kg	78.9	1	02/01/17 10:00	02/02/17 14:17	120-12-7	
Atrazine	<78.9	ug/kg	78.9	1	02/01/17 10:00	02/02/17 14:17	1912-24-9	IC
Benzaldehyde	<78.9	ug/kg	78.9	1	02/01/17 10:00	02/02/17 14:17	100-52-7	CC,L2
Benzo(a)anthracene	<78.9	ug/kg	78.9	1	02/01/17 10:00	02/02/17 14:17	56-55-3	
Benzo(a)pyrene	<78.9	ug/kg	78.9	1	02/01/17 10:00	02/02/17 14:17	50-32-8	
Benzo(b)fluoranthene	<78.9	ug/kg	78.9	1	02/01/17 10:00	02/02/17 14:17	205-99-2	
Benzo(g,h,i)perylene	<78.9	ug/kg	78.9	1	02/01/17 10:00	02/02/17 14:17	191-24-2	CC
Benzo(k)fluoranthene	<78.9	ug/kg	78.9	1	02/01/17 10:00	02/02/17 14:17	207-08-9	
Biphenyl (Diphenyl)	<78.9	ug/kg	78.9	1	02/01/17 10:00	02/02/17 14:17	92-52-4	
Butylbenzylphthalate	<78.9	ug/kg	78.9	1	02/01/17 10:00	02/02/17 14:17	85-68-7	L2
Caprolactam	<78.9	ug/kg	78.9	1	02/01/17 10:00	02/02/17 14:17	105-60-2	
Carbazole	<78.9	ug/kg	78.9	1	02/01/17 10:00	02/02/17 14:17	86-74-8	
Chrysene	<78.9	ug/kg	78.9	1	02/01/17 10:00	02/02/17 14:17	218-01-9	
Di-n-butylphthalate	79.9	ug/kg	78.9	1	02/01/17 10:00	02/02/17 14:17	84-74-2	B
Di-n-octylphthalate	<78.9	ug/kg	78.9	1	02/01/17 10:00	02/02/17 14:17	117-84-0	
Dibenz(a,h)anthracene	<78.9	ug/kg	78.9	1	02/01/17 10:00	02/02/17 14:17	53-70-3	L2
Dibenzofuran	<78.9	ug/kg	78.9	1	02/01/17 10:00	02/02/17 14:17	132-64-9	
Diethylphthalate	<78.9	ug/kg	78.9	1	02/01/17 10:00	02/02/17 14:17	84-66-2	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 30 Stewart Ave
Pace Project No.: 7010017

Sample: SW-3 **Lab ID: 7010017005** Collected: 01/25/17 11:00 Received: 01/26/17 14:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Analytical Method: EPA 8270D Preparation Method: EPA 3545A								
Dimethylphthalate	<78.9	ug/kg	78.9	1	02/01/17 10:00	02/02/17 14:17	131-11-3	
Fluoranthene	<78.9	ug/kg	78.9	1	02/01/17 10:00	02/02/17 14:17	206-44-0	
Fluorene	<78.9	ug/kg	78.9	1	02/01/17 10:00	02/02/17 14:17	86-73-7	
Hexachloro-1,3-butadiene	<78.9	ug/kg	78.9	1	02/01/17 10:00	02/02/17 14:17	87-68-3	
Hexachlorobenzene	<78.9	ug/kg	78.9	1	02/01/17 10:00	02/02/17 14:17	118-74-1	L2
Hexachlorocyclopentadiene	<389	ug/kg	389	1	02/01/17 10:00	02/02/17 14:17	77-47-4	L3
Hexachloroethane	<78.9	ug/kg	78.9	1	02/01/17 10:00	02/02/17 14:17	67-72-1	
Indeno(1,2,3-cd)pyrene	<78.9	ug/kg	78.9	1	02/01/17 10:00	02/02/17 14:17	193-39-5	
Isophorone	<78.9	ug/kg	78.9	1	02/01/17 10:00	02/02/17 14:17	78-59-1	
N-Nitroso-di-n-propylamine	<78.9	ug/kg	78.9	1	02/01/17 10:00	02/02/17 14:17	621-64-7	
N-Nitrosodiphenylamine	<78.9	ug/kg	78.9	1	02/01/17 10:00	02/02/17 14:17	86-30-6	
Naphthalene	<78.9	ug/kg	78.9	1	02/01/17 10:00	02/02/17 14:17	91-20-3	
Nitrobenzene	<78.9	ug/kg	78.9	1	02/01/17 10:00	02/02/17 14:17	98-95-3	
Pentachlorophenol	<789	ug/kg	789	1	02/01/17 10:00	02/02/17 14:17	87-86-5	IC
Phenanthrene	<78.9	ug/kg	78.9	1	02/01/17 10:00	02/02/17 14:17	85-01-8	
Phenol	<78.9	ug/kg	78.9	1	02/01/17 10:00	02/02/17 14:17	108-95-2	
Pyrene	<78.9	ug/kg	78.9	1	02/01/17 10:00	02/02/17 14:17	129-00-0	
bis(2-Chloroethoxy)methane	<78.9	ug/kg	78.9	1	02/01/17 10:00	02/02/17 14:17	111-91-1	
bis(2-Chloroethyl) ether	<78.9	ug/kg	78.9	1	02/01/17 10:00	02/02/17 14:17	111-44-4	
bis(2-Ethylhexyl)phthalate	<78.9	ug/kg	78.9	1	02/01/17 10:00	02/02/17 14:17	117-81-7	

Surrogates

Nitrobenzene-d5 (S)	61	%	23-120	1	02/01/17 10:00	02/02/17 14:17	4165-60-0	
2-Fluorobiphenyl (S)	57	%	30-115	1	02/01/17 10:00	02/02/17 14:17	321-60-8	
p-Terphenyl-d14 (S)	62	%	18-137	1	02/01/17 10:00	02/02/17 14:17	1718-51-0	
Phenol-d5 (S)	61	%	24-113	1	02/01/17 10:00	02/02/17 14:17	4165-62-2	
2-Fluorophenol (S)	63	%	25-121	1	02/01/17 10:00	02/02/17 14:17	367-12-4	
2,4,6-Tribromophenol (S)	62	%	19-122	1	02/01/17 10:00	02/02/17 14:17	118-79-6	
2-Chlorophenol-d4 (S)	64	%	20-130	1	02/01/17 10:00	02/02/17 14:17	93951-73-6	
1,2-Dichlorobenzene-d4 (S)	60	%	20-130	1	02/01/17 10:00	02/02/17 14:17	2199-69-1	

Tentatively Identified Compounds

2-Pentanone, 4-hydroxy-	158	ug/kg		1	02/01/17 10:00	02/02/17 14:17	4161-60-8	N
2-Pentanone, 4-hydroxy-4	8160	ug/kg		1	02/01/17 10:00	02/02/17 14:17	123-42-2	N

8260C MSV 5035A-L Low Level

Analytical Method: EPA 8260C Preparation Method: EPA 5035A-L

1,1,1-Trichloroethane	<2.1	ug/kg	2.1	1	01/29/17 09:05	01/29/17 21:13	71-55-6	
1,1,2,2-Tetrachloroethane	<2.1	ug/kg	2.1	1	01/29/17 09:05	01/29/17 21:13	79-34-5	
1,1,2-Trichloroethane	<2.1	ug/kg	2.1	1	01/29/17 09:05	01/29/17 21:13	79-00-5	
1,1,2-Trichlorotrifluoroethane	<2.1	ug/kg	2.1	1	01/29/17 09:05	01/29/17 21:13	76-13-1	
1,1-Dichloroethane	<2.1	ug/kg	2.1	1	01/29/17 09:05	01/29/17 21:13	75-34-3	
1,1-Dichloroethene	<2.1	ug/kg	2.1	1	01/29/17 09:05	01/29/17 21:13	75-35-4	
1,2,4-Trichlorobenzene	<2.1	ug/kg	2.1	1	01/29/17 09:05	01/29/17 21:13	120-82-1	
1,2-Dibromo-3-chloropropane	<2.1	ug/kg	2.1	1	01/29/17 09:05	01/29/17 21:13	96-12-8	
1,2-Dibromoethane (EDB)	<2.1	ug/kg	2.1	1	01/29/17 09:05	01/29/17 21:13	106-93-4	
1,2-Dichlorobenzene	<2.1	ug/kg	2.1	1	01/29/17 09:05	01/29/17 21:13	95-50-1	
1,2-Dichloroethane	<2.1	ug/kg	2.1	1	01/29/17 09:05	01/29/17 21:13	107-06-2	
1,2-Dichloropropane	<2.1	ug/kg	2.1	1	01/29/17 09:05	01/29/17 21:13	78-87-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 30 Stewart Ave
Pace Project No.: 7010017

Sample: SW-3 **Lab ID: 7010017005** Collected: 01/25/17 11:00 Received: 01/26/17 14:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C MSV 5035A-L Low Level		Analytical Method: EPA 8260C Preparation Method: EPA 5035A-L						
1,3-Dichlorobenzene	<2.1	ug/kg	2.1	1	01/29/17 09:05	01/29/17 21:13	541-73-1	
1,4-Dichlorobenzene	<2.1	ug/kg	2.1	1	01/29/17 09:05	01/29/17 21:13	106-46-7	
2-Butanone (MEK)	12.8	ug/kg	2.1	1	01/29/17 09:05	01/29/17 21:13	78-93-3	
2-Hexanone	<2.1	ug/kg	2.1	1	01/29/17 09:05	01/29/17 21:13	591-78-6	
4-Methyl-2-pentanone (MIBK)	<2.1	ug/kg	2.1	1	01/29/17 09:05	01/29/17 21:13	108-10-1	
Acetone	161	ug/kg	2.1	1	01/29/17 09:05	01/29/17 21:13	67-64-1	
Benzene	<2.1	ug/kg	2.1	1	01/29/17 09:05	01/29/17 21:13	71-43-2	
Bromodichloromethane	<2.1	ug/kg	2.1	1	01/29/17 09:05	01/29/17 21:13	75-27-4	
Bromoform	<2.1	ug/kg	2.1	1	01/29/17 09:05	01/29/17 21:13	75-25-2	
Bromomethane	<2.1	ug/kg	2.1	1	01/29/17 09:05	01/29/17 21:13	74-83-9	
Carbon disulfide	<2.1	ug/kg	2.1	1	01/29/17 09:05	01/29/17 21:13	75-15-0	
Carbon tetrachloride	<2.1	ug/kg	2.1	1	01/29/17 09:05	01/29/17 21:13	56-23-5	
Chlorobenzene	<2.1	ug/kg	2.1	1	01/29/17 09:05	01/29/17 21:13	108-90-7	
Chloroethane	<2.1	ug/kg	2.1	1	01/29/17 09:05	01/29/17 21:13	75-00-3	
Chloroform	<2.1	ug/kg	2.1	1	01/29/17 09:05	01/29/17 21:13	67-66-3	
Chloromethane	<2.1	ug/kg	2.1	1	01/29/17 09:05	01/29/17 21:13	74-87-3	
Cyclohexane	<2.1	ug/kg	2.1	1	01/29/17 09:05	01/29/17 21:13	110-82-7	
Dibromochloromethane	<2.1	ug/kg	2.1	1	01/29/17 09:05	01/29/17 21:13	124-48-1	
Dichlorodifluoromethane	<2.1	ug/kg	2.1	1	01/29/17 09:05	01/29/17 21:13	75-71-8	
Ethylbenzene	<2.1	ug/kg	2.1	1	01/29/17 09:05	01/29/17 21:13	100-41-4	
Isopropylbenzene (Cumene)	<2.1	ug/kg	2.1	1	01/29/17 09:05	01/29/17 21:13	98-82-8	
Methyl acetate	<2.1	ug/kg	2.1	1	01/29/17 09:05	01/29/17 21:13	79-20-9	
Methyl-tert-butyl ether	<2.1	ug/kg	2.1	1	01/29/17 09:05	01/29/17 21:13	1634-04-4	
Methylcyclohexane	<2.1	ug/kg	2.1	1	01/29/17 09:05	01/29/17 21:13	108-87-2	
Methylene Chloride	<2.1	ug/kg	2.1	1	01/29/17 09:05	01/29/17 21:13	75-09-2	
Styrene	<2.1	ug/kg	2.1	1	01/29/17 09:05	01/29/17 21:13	100-42-5	
Tetrachloroethene	<2.1	ug/kg	2.1	1	01/29/17 09:05	01/29/17 21:13	127-18-4	
Toluene	1.23	ug/kg	2.1	1	01/29/17 09:05	01/29/17 21:13	108-88-3	
Trichloroethene	<2.1	ug/kg	2.1	1	01/29/17 09:05	01/29/17 21:13	79-01-6	
Trichlorofluoromethane	<2.1	ug/kg	2.1	1	01/29/17 09:05	01/29/17 21:13	75-69-4	
Vinyl chloride	<2.1	ug/kg	2.1	1	01/29/17 09:05	01/29/17 21:13	75-01-4	
Xylene (Total)	<2.1	ug/kg	2.1	1	01/29/17 09:05	01/29/17 21:13	1330-20-7	
cis-1,2-Dichloroethene	<2.1	ug/kg	2.1	1	01/29/17 09:05	01/29/17 21:13	156-59-2	
cis-1,3-Dichloropropene	<2.1	ug/kg	2.1	1	01/29/17 09:05	01/29/17 21:13	10061-01-5	
trans-1,2-Dichloroethene	<2.1	ug/kg	2.1	1	01/29/17 09:05	01/29/17 21:13	156-60-5	
trans-1,3-Dichloropropene	<2.1	ug/kg	2.1	1	01/29/17 09:05	01/29/17 21:13	10061-02-6	
Surrogates								
Toluene-d8 (S)	102	%	43-157	1	01/29/17 09:05	01/29/17 21:13	2037-26-5	
4-Bromofluorobenzene (S)	98	%	34-145	1	01/29/17 09:05	01/29/17 21:13	460-00-4	
1,2-Dichloroethane-d4 (S)	119	%	33-150	1	01/29/17 09:05	01/29/17 21:13	17060-07-0	

Percent Moisture

Analytical Method: ASTM D2216-92

Percent Moisture	15.1	%	0.10	1	01/31/17 14:13
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REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 30 Stewart Ave
Pace Project No.: 7010017

Sample: SW-4 **Lab ID: 7010017006** Collected: 01/25/17 11:15 Received: 01/26/17 14:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Analytical Method: EPA 8270D Preparation Method: EPA 3545A								
1,2,4-Trichlorobenzene	<88.5	ug/kg	88.5	1	01/30/17 10:30	01/30/17 23:35	120-82-1	
2,2'-Oxybis(1-chloropropane)	<88.5	ug/kg	88.5	1	01/30/17 10:30	01/30/17 23:35	108-60-1	
2,4,5-Trichlorophenol	<88.5	ug/kg	88.5	1	01/30/17 10:30	01/30/17 23:35	95-95-4	
2,4,6-Trichlorophenol	<88.5	ug/kg	88.5	1	01/30/17 10:30	01/30/17 23:35	88-06-2	
2,4-Dichlorophenol	<88.5	ug/kg	88.5	1	01/30/17 10:30	01/30/17 23:35	120-83-2	
2,4-Dimethylphenol	<88.5	ug/kg	88.5	1	01/30/17 10:30	01/30/17 23:35	105-67-9	
2,4-Dinitrophenol	<885	ug/kg	885	1	01/30/17 10:30	01/30/17 23:35	51-28-5	
2,4-Dinitrotoluene	<436	ug/kg	436	1	01/30/17 10:30	01/30/17 23:35	121-14-2	
2,6-Dinitrotoluene	<436	ug/kg	436	1	01/30/17 10:30	01/30/17 23:35	606-20-2	
2-Chloronaphthalene	<88.5	ug/kg	88.5	1	01/30/17 10:30	01/30/17 23:35	91-58-7	
2-Chlorophenol	<88.5	ug/kg	88.5	1	01/30/17 10:30	01/30/17 23:35	95-57-8	
2-Methylnaphthalene	<88.5	ug/kg	88.5	1	01/30/17 10:30	01/30/17 23:35	91-57-6	
2-Methylphenol(o-Cresol)	<88.5	ug/kg	88.5	1	01/30/17 10:30	01/30/17 23:35	95-48-7	
2-Nitroaniline	<436	ug/kg	436	1	01/30/17 10:30	01/30/17 23:35	88-74-4	
2-Nitrophenol	<436	ug/kg	436	1	01/30/17 10:30	01/30/17 23:35	88-75-5	
3&4-Methylphenol(m&p Cresol)	<88.5	ug/kg	88.5	1	01/30/17 10:30	01/30/17 23:35		
3,3'-Dichlorobenzidine	<436	ug/kg	436	1	01/30/17 10:30	01/30/17 23:35	91-94-1	CC
3-Nitroaniline	<436	ug/kg	436	1	01/30/17 10:30	01/30/17 23:35	99-09-2	
4,6-Dinitro-2-methylphenol	<885	ug/kg	885	1	01/30/17 10:30	01/30/17 23:35	534-52-1	
4-Bromophenylphenyl ether	<88.5	ug/kg	88.5	1	01/30/17 10:30	01/30/17 23:35	101-55-3	
4-Chloro-3-methylphenol	<88.5	ug/kg	88.5	1	01/30/17 10:30	01/30/17 23:35	59-50-7	
4-Chloroaniline	<436	ug/kg	436	1	01/30/17 10:30	01/30/17 23:35	106-47-8	
4-Chlorophenylphenyl ether	<88.5	ug/kg	88.5	1	01/30/17 10:30	01/30/17 23:35	7005-72-3	
4-Nitroaniline	<436	ug/kg	436	1	01/30/17 10:30	01/30/17 23:35	100-01-6	
4-Nitrophenol	<885	ug/kg	885	1	01/30/17 10:30	01/30/17 23:35	100-02-7	
Acenaphthene	<88.5	ug/kg	88.5	1	01/30/17 10:30	01/30/17 23:35	83-32-9	
Acenaphthylene	<88.5	ug/kg	88.5	1	01/30/17 10:30	01/30/17 23:35	208-96-8	
Acetophenone	<88.5	ug/kg	88.5	1	01/30/17 10:30	01/30/17 23:35	98-86-2	
Anthracene	<88.5	ug/kg	88.5	1	01/30/17 10:30	01/30/17 23:35	120-12-7	
Atrazine	<88.5	ug/kg	88.5	1	01/30/17 10:30	01/30/17 23:35	1912-24-9	IC
Benzaldehyde	<88.5	ug/kg	88.5	1	01/30/17 10:30	01/30/17 23:35	100-52-7	CC,L2
Benzo(a)anthracene	<88.5	ug/kg	88.5	1	01/30/17 10:30	01/30/17 23:35	56-55-3	
Benzo(a)pyrene	<88.5	ug/kg	88.5	1	01/30/17 10:30	01/30/17 23:35	50-32-8	
Benzo(b)fluoranthene	<88.5	ug/kg	88.5	1	01/30/17 10:30	01/30/17 23:35	205-99-2	
Benzo(g,h,i)perylene	<88.5	ug/kg	88.5	1	01/30/17 10:30	01/30/17 23:35	191-24-2	
Benzo(k)fluoranthene	<88.5	ug/kg	88.5	1	01/30/17 10:30	01/30/17 23:35	207-08-9	
Biphenyl (Diphenyl)	<88.5	ug/kg	88.5	1	01/30/17 10:30	01/30/17 23:35	92-52-4	
Butylbenzylphthalate	<88.5	ug/kg	88.5	1	01/30/17 10:30	01/30/17 23:35	85-68-7	
Caprolactam	<88.5	ug/kg	88.5	1	01/30/17 10:30	01/30/17 23:35	105-60-2	
Carbazole	<88.5	ug/kg	88.5	1	01/30/17 10:30	01/30/17 23:35	86-74-8	
Chrysene	<88.5	ug/kg	88.5	1	01/30/17 10:30	01/30/17 23:35	218-01-9	
Di-n-butylphthalate	<88.5	ug/kg	88.5	1	01/30/17 10:30	01/30/17 23:35	84-74-2	
Di-n-octylphthalate	<88.5	ug/kg	88.5	1	01/30/17 10:30	01/30/17 23:35	117-84-0	
Dibenz(a,h)anthracene	<88.5	ug/kg	88.5	1	01/30/17 10:30	01/30/17 23:35	53-70-3	
Dibenzofuran	<88.5	ug/kg	88.5	1	01/30/17 10:30	01/30/17 23:35	132-64-9	
Diethylphthalate	<88.5	ug/kg	88.5	1	01/30/17 10:30	01/30/17 23:35	84-66-2	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 30 Stewart Ave
Pace Project No.: 7010017

Sample: SW-4 **Lab ID: 7010017006** Collected: 01/25/17 11:15 Received: 01/26/17 14:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Analytical Method: EPA 8270D Preparation Method: EPA 3545A								
Dimethylphthalate	<88.5	ug/kg	88.5	1	01/30/17 10:30	01/30/17 23:35	131-11-3	
Fluoranthene	<88.5	ug/kg	88.5	1	01/30/17 10:30	01/30/17 23:35	206-44-0	
Fluorene	<88.5	ug/kg	88.5	1	01/30/17 10:30	01/30/17 23:35	86-73-7	
Hexachloro-1,3-butadiene	<88.5	ug/kg	88.5	1	01/30/17 10:30	01/30/17 23:35	87-68-3	
Hexachlorobenzene	<88.5	ug/kg	88.5	1	01/30/17 10:30	01/30/17 23:35	118-74-1	
Hexachlorocyclopentadiene	<436	ug/kg	436	1	01/30/17 10:30	01/30/17 23:35	77-47-4	L3
Hexachloroethane	<88.5	ug/kg	88.5	1	01/30/17 10:30	01/30/17 23:35	67-72-1	
Indeno(1,2,3-cd)pyrene	<88.5	ug/kg	88.5	1	01/30/17 10:30	01/30/17 23:35	193-39-5	
Isophorone	<88.5	ug/kg	88.5	1	01/30/17 10:30	01/30/17 23:35	78-59-1	
N-Nitroso-di-n-propylamine	<88.5	ug/kg	88.5	1	01/30/17 10:30	01/30/17 23:35	621-64-7	
N-Nitrosodiphenylamine	<88.5	ug/kg	88.5	1	01/30/17 10:30	01/30/17 23:35	86-30-6	
Naphthalene	<88.5	ug/kg	88.5	1	01/30/17 10:30	01/30/17 23:35	91-20-3	
Nitrobenzene	<88.5	ug/kg	88.5	1	01/30/17 10:30	01/30/17 23:35	98-95-3	
Pentachlorophenol	<885	ug/kg	885	1	01/30/17 10:30	01/30/17 23:35	87-86-5	IC
Phenanthrene	<88.5	ug/kg	88.5	1	01/30/17 10:30	01/30/17 23:35	85-01-8	
Phenol	<88.5	ug/kg	88.5	1	01/30/17 10:30	01/30/17 23:35	108-95-2	
Pyrene	<88.5	ug/kg	88.5	1	01/30/17 10:30	01/30/17 23:35	129-00-0	
bis(2-Chloroethoxy)methane	<88.5	ug/kg	88.5	1	01/30/17 10:30	01/30/17 23:35	111-91-1	
bis(2-Chloroethyl) ether	<88.5	ug/kg	88.5	1	01/30/17 10:30	01/30/17 23:35	111-44-4	
bis(2-Ethylhexyl)phthalate	<88.5	ug/kg	88.5	1	01/30/17 10:30	01/30/17 23:35	117-81-7	
Surrogates								
Nitrobenzene-d5 (S)	51	%	23-120	1	01/30/17 10:30	01/30/17 23:35	4165-60-0	
2-Fluorobiphenyl (S)	58	%	30-115	1	01/30/17 10:30	01/30/17 23:35	321-60-8	
p-Terphenyl-d14 (S)	61	%	18-137	1	01/30/17 10:30	01/30/17 23:35	1718-51-0	
Phenol-d5 (S)	58	%	24-113	1	01/30/17 10:30	01/30/17 23:35	4165-62-2	
2-Fluorophenol (S)	54	%	25-121	1	01/30/17 10:30	01/30/17 23:35	367-12-4	
2,4,6-Tribromophenol (S)	67	%	19-122	1	01/30/17 10:30	01/30/17 23:35	118-79-6	
2-Chlorophenol-d4 (S)	53	%	20-130	1	01/30/17 10:30	01/30/17 23:35	93951-73-6	
1,2-Dichlorobenzene-d4 (S)	40	%	20-130	1	01/30/17 10:30	01/30/17 23:35	2199-69-1	
Tentatively Identified Compounds								
3-Penten-2-one, 4-methyl	435	ug/kg		1	01/30/17 10:30	01/30/17 23:35	141-79-7	N
2-Pentanone, 4-hydroxy-	194	ug/kg		1	01/30/17 10:30	01/30/17 23:35	4161-60-8	N
2-Pentanone, 4-hydroxy-4	10500	ug/kg		1	01/30/17 10:30	01/30/17 23:35	123-42-2	N
n-Hexadecanoic acid	289	ug/kg		1	01/30/17 10:30	01/30/17 23:35	57-10-3	N
9-Octadecenamide, (Z)-	653	ug/kg		1	01/30/17 10:30	01/30/17 23:35	301-02-0	N
Cyclononasiloxane, octa	246	ug/kg		1	01/30/17 10:30	01/30/17 23:35	556-71-8	N
Unknown	256	ug/kg		1	01/30/17 10:30	01/30/17 23:35		N
Unknown	196	ug/kg		1	01/30/17 10:30	01/30/17 23:35		N
8260C MSV 5035A-L Low Level Analytical Method: EPA 8260C Preparation Method: EPA 5035A-L								
1,1,1-Trichloroethane	<2.2	ug/kg	2.2	1	01/29/17 09:05	01/29/17 21:37	71-55-6	
1,1,2,2-Tetrachloroethane	<2.2	ug/kg	2.2	1	01/29/17 09:05	01/29/17 21:37	79-34-5	
1,1,2-Trichloroethane	<2.2	ug/kg	2.2	1	01/29/17 09:05	01/29/17 21:37	79-00-5	
1,1,2-Trichlorotrifluoroethane	<2.2	ug/kg	2.2	1	01/29/17 09:05	01/29/17 21:37	76-13-1	
1,1-Dichloroethane	<2.2	ug/kg	2.2	1	01/29/17 09:05	01/29/17 21:37	75-34-3	
1,1-Dichloroethene	<2.2	ug/kg	2.2	1	01/29/17 09:05	01/29/17 21:37	75-35-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 30 Stewart Ave
Pace Project No.: 7010017

Sample: SW-4 **Lab ID: 7010017006** Collected: 01/25/17 11:15 Received: 01/26/17 14:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C MSV 5035A-L Low Level		Analytical Method: EPA 8260C Preparation Method: EPA 5035A-L						
1,2,4-Trichlorobenzene	<2.2	ug/kg	2.2	1	01/29/17 09:05	01/29/17 21:37	120-82-1	
1,2-Dibromo-3-chloropropane	<2.2	ug/kg	2.2	1	01/29/17 09:05	01/29/17 21:37	96-12-8	
1,2-Dibromoethane (EDB)	<2.2	ug/kg	2.2	1	01/29/17 09:05	01/29/17 21:37	106-93-4	
1,2-Dichlorobenzene	<2.2	ug/kg	2.2	1	01/29/17 09:05	01/29/17 21:37	95-50-1	
1,2-Dichloroethane	<2.2	ug/kg	2.2	1	01/29/17 09:05	01/29/17 21:37	107-06-2	
1,2-Dichloropropane	<2.2	ug/kg	2.2	1	01/29/17 09:05	01/29/17 21:37	78-87-5	
1,3-Dichlorobenzene	<2.2	ug/kg	2.2	1	01/29/17 09:05	01/29/17 21:37	541-73-1	
1,4-Dichlorobenzene	<2.2	ug/kg	2.2	1	01/29/17 09:05	01/29/17 21:37	106-46-7	
2-Butanone (MEK)	1.4J	ug/kg	2.2	1	01/29/17 09:05	01/29/17 21:37	78-93-3	
2-Hexanone	<2.2	ug/kg	2.2	1	01/29/17 09:05	01/29/17 21:37	591-78-6	
4-Methyl-2-pentanone (MIBK)	<2.2	ug/kg	2.2	1	01/29/17 09:05	01/29/17 21:37	108-10-1	
Acetone	24.9	ug/kg	2.2	1	01/29/17 09:05	01/29/17 21:37	67-64-1	
Benzene	<2.2	ug/kg	2.2	1	01/29/17 09:05	01/29/17 21:37	71-43-2	
Bromodichloromethane	<2.2	ug/kg	2.2	1	01/29/17 09:05	01/29/17 21:37	75-27-4	
Bromoform	<2.2	ug/kg	2.2	1	01/29/17 09:05	01/29/17 21:37	75-25-2	
Bromomethane	<2.2	ug/kg	2.2	1	01/29/17 09:05	01/29/17 21:37	74-83-9	
Carbon disulfide	<2.2	ug/kg	2.2	1	01/29/17 09:05	01/29/17 21:37	75-15-0	
Carbon tetrachloride	<2.2	ug/kg	2.2	1	01/29/17 09:05	01/29/17 21:37	56-23-5	
Chlorobenzene	<2.2	ug/kg	2.2	1	01/29/17 09:05	01/29/17 21:37	108-90-7	
Chloroethane	<2.2	ug/kg	2.2	1	01/29/17 09:05	01/29/17 21:37	75-00-3	
Chloroform	<2.2	ug/kg	2.2	1	01/29/17 09:05	01/29/17 21:37	67-66-3	
Chloromethane	<2.2	ug/kg	2.2	1	01/29/17 09:05	01/29/17 21:37	74-87-3	
Cyclohexane	<2.2	ug/kg	2.2	1	01/29/17 09:05	01/29/17 21:37	110-82-7	
Dibromochloromethane	<2.2	ug/kg	2.2	1	01/29/17 09:05	01/29/17 21:37	124-48-1	
Dichlorodifluoromethane	<2.2	ug/kg	2.2	1	01/29/17 09:05	01/29/17 21:37	75-71-8	
Ethylbenzene	<2.2	ug/kg	2.2	1	01/29/17 09:05	01/29/17 21:37	100-41-4	
Isopropylbenzene (Cumene)	<2.2	ug/kg	2.2	1	01/29/17 09:05	01/29/17 21:37	98-82-8	
Methyl acetate	<2.2	ug/kg	2.2	1	01/29/17 09:05	01/29/17 21:37	79-20-9	
Methyl-tert-butyl ether	4.2	ug/kg	2.2	1	01/29/17 09:05	01/29/17 21:37	1634-04-4	
Methylcyclohexane	<2.2	ug/kg	2.2	1	01/29/17 09:05	01/29/17 21:37	108-87-2	
Methylene Chloride	<2.2	ug/kg	2.2	1	01/29/17 09:05	01/29/17 21:37	75-09-2	
Styrene	<2.2	ug/kg	2.2	1	01/29/17 09:05	01/29/17 21:37	100-42-5	
Tetrachloroethene	<2.2	ug/kg	2.2	1	01/29/17 09:05	01/29/17 21:37	127-18-4	
Toluene	1.2J	ug/kg	2.2	1	01/29/17 09:05	01/29/17 21:37	108-88-3	
Trichloroethene	<2.2	ug/kg	2.2	1	01/29/17 09:05	01/29/17 21:37	79-01-6	
Trichlorofluoromethane	<2.2	ug/kg	2.2	1	01/29/17 09:05	01/29/17 21:37	75-69-4	
Vinyl chloride	<2.2	ug/kg	2.2	1	01/29/17 09:05	01/29/17 21:37	75-01-4	
Xylene (Total)	<2.2	ug/kg	2.2	1	01/29/17 09:05	01/29/17 21:37	1330-20-7	
cis-1,2-Dichloroethene	<2.2	ug/kg	2.2	1	01/29/17 09:05	01/29/17 21:37	156-59-2	
cis-1,3-Dichloropropene	<2.2	ug/kg	2.2	1	01/29/17 09:05	01/29/17 21:37	10061-01-5	
trans-1,2-Dichloroethene	<2.2	ug/kg	2.2	1	01/29/17 09:05	01/29/17 21:37	156-60-5	
trans-1,3-Dichloropropene	<2.2	ug/kg	2.2	1	01/29/17 09:05	01/29/17 21:37	10061-02-6	
Surrogates								
Toluene-d8 (S)	102	%.	43-157	1	01/29/17 09:05	01/29/17 21:37	2037-26-5	
4-Bromofluorobenzene (S)	97	%.	34-145	1	01/29/17 09:05	01/29/17 21:37	460-00-4	
1,2-Dichloroethane-d4 (S)	128	%.	33-150	1	01/29/17 09:05	01/29/17 21:37	17060-07-0	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 30 Stewart Ave

Pace Project No.: 7010017

Sample: SW-4 **Lab ID: 7010017006** Collected: 01/25/17 11:15 Received: 01/26/17 14:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture Analytical Method: ASTM D2216-92								
Percent Moisture	24.3	%	0.10	1		01/31/17 14:14		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 30 Stewart Ave
Pace Project No.: 7010017

Sample: SW-5 **Lab ID: 7010017007** Collected: 01/25/17 11:30 Received: 01/26/17 14:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Analytical Method: EPA 8270D Preparation Method: EPA 3545A								
1,2,4-Trichlorobenzene	<82.8	ug/kg	82.8	1	01/30/17 10:30	01/31/17 01:56	120-82-1	
2,2'-Oxybis(1-chloropropane)	<82.8	ug/kg	82.8	1	01/30/17 10:30	01/31/17 01:56	108-60-1	
2,4,5-Trichlorophenol	<82.8	ug/kg	82.8	1	01/30/17 10:30	01/31/17 01:56	95-95-4	
2,4,6-Trichlorophenol	<82.8	ug/kg	82.8	1	01/30/17 10:30	01/31/17 01:56	88-06-2	
2,4-Dichlorophenol	<82.8	ug/kg	82.8	1	01/30/17 10:30	01/31/17 01:56	120-83-2	
2,4-Dimethylphenol	<82.8	ug/kg	82.8	1	01/30/17 10:30	01/31/17 01:56	105-67-9	
2,4-Dinitrophenol	<828	ug/kg	828	1	01/30/17 10:30	01/31/17 01:56	51-28-5	
2,4-Dinitrotoluene	<408	ug/kg	408	1	01/30/17 10:30	01/31/17 01:56	121-14-2	
2,6-Dinitrotoluene	<408	ug/kg	408	1	01/30/17 10:30	01/31/17 01:56	606-20-2	
2-Chloronaphthalene	<82.8	ug/kg	82.8	1	01/30/17 10:30	01/31/17 01:56	91-58-7	
2-Chlorophenol	<82.8	ug/kg	82.8	1	01/30/17 10:30	01/31/17 01:56	95-57-8	
2-Methylnaphthalene	130	ug/kg	82.8	1	01/30/17 10:30	01/31/17 01:56	91-57-6	
2-Methylphenol(o-Cresol)	<82.8	ug/kg	82.8	1	01/30/17 10:30	01/31/17 01:56	95-48-7	
2-Nitroaniline	<408	ug/kg	408	1	01/30/17 10:30	01/31/17 01:56	88-74-4	
2-Nitrophenol	<408	ug/kg	408	1	01/30/17 10:30	01/31/17 01:56	88-75-5	
3&4-Methylphenol(m&p Cresol)	<82.8	ug/kg	82.8	1	01/30/17 10:30	01/31/17 01:56		
3,3'-Dichlorobenzidine	<408	ug/kg	408	1	01/30/17 10:30	01/31/17 01:56	91-94-1	CC
3-Nitroaniline	<408	ug/kg	408	1	01/30/17 10:30	01/31/17 01:56	99-09-2	
4,6-Dinitro-2-methylphenol	<828	ug/kg	828	1	01/30/17 10:30	01/31/17 01:56	534-52-1	
4-Bromophenylphenyl ether	<82.8	ug/kg	82.8	1	01/30/17 10:30	01/31/17 01:56	101-55-3	
4-Chloro-3-methylphenol	<82.8	ug/kg	82.8	1	01/30/17 10:30	01/31/17 01:56	59-50-7	
4-Chloroaniline	<408	ug/kg	408	1	01/30/17 10:30	01/31/17 01:56	106-47-8	
4-Chlorophenylphenyl ether	<82.8	ug/kg	82.8	1	01/30/17 10:30	01/31/17 01:56	7005-72-3	
4-Nitroaniline	<408	ug/kg	408	1	01/30/17 10:30	01/31/17 01:56	100-01-6	
4-Nitrophenol	<828	ug/kg	828	1	01/30/17 10:30	01/31/17 01:56	100-02-7	
Acenaphthene	161	ug/kg	82.8	1	01/30/17 10:30	01/31/17 01:56	83-32-9	
Acenaphthylene	<82.8	ug/kg	82.8	1	01/30/17 10:30	01/31/17 01:56	208-96-8	
Acetophenone	<82.8	ug/kg	82.8	1	01/30/17 10:30	01/31/17 01:56	98-86-2	
Anthracene	348	ug/kg	82.8	1	01/30/17 10:30	01/31/17 01:56	120-12-7	
Atrazine	<82.8	ug/kg	82.8	1	01/30/17 10:30	01/31/17 01:56	1912-24-9	IC
Benzaldehyde	<82.8	ug/kg	82.8	1	01/30/17 10:30	01/31/17 01:56	100-52-7	CC,L2
Benzo(a)anthracene	835	ug/kg	82.8	1	01/30/17 10:30	01/31/17 01:56	56-55-3	
Benzo(a)pyrene	655	ug/kg	82.8	1	01/30/17 10:30	01/31/17 01:56	50-32-8	
Benzo(b)fluoranthene	862	ug/kg	82.8	1	01/30/17 10:30	01/31/17 01:56	205-99-2	
Benzo(g,h,i)perylene	298	ug/kg	82.8	1	01/30/17 10:30	01/31/17 01:56	191-24-2	
Benzo(k)fluoranthene	360	ug/kg	82.8	1	01/30/17 10:30	01/31/17 01:56	207-08-9	
Biphenyl (Diphenyl)	<82.8	ug/kg	82.8	1	01/30/17 10:30	01/31/17 01:56	92-52-4	
Butylbenzylphthalate	<82.8	ug/kg	82.8	1	01/30/17 10:30	01/31/17 01:56	85-68-7	
Caprolactam	<82.8	ug/kg	82.8	1	01/30/17 10:30	01/31/17 01:56	105-60-2	
Carbazole	<82.8	ug/kg	82.8	1	01/30/17 10:30	01/31/17 01:56	86-74-8	
Chrysene	860	ug/kg	82.8	1	01/30/17 10:30	01/31/17 01:56	218-01-9	
Di-n-butylphthalate	<82.8	ug/kg	82.8	1	01/30/17 10:30	01/31/17 01:56	84-74-2	
Di-n-octylphthalate	<82.8	ug/kg	82.8	1	01/30/17 10:30	01/31/17 01:56	117-84-0	
Dibenz(a,h)anthracene	101	ug/kg	82.8	1	01/30/17 10:30	01/31/17 01:56	53-70-3	
Dibenzofuran	187	ug/kg	82.8	1	01/30/17 10:30	01/31/17 01:56	132-64-9	
Diethylphthalate	<82.8	ug/kg	82.8	1	01/30/17 10:30	01/31/17 01:56	84-66-2	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 30 Stewart Ave
Pace Project No.: 7010017

Sample: SW-5 **Lab ID: 7010017007** Collected: 01/25/17 11:30 Received: 01/26/17 14:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Analytical Method: EPA 8270D Preparation Method: EPA 3545A								
Dimethylphthalate	<82.8	ug/kg	82.8	1	01/30/17 10:30	01/31/17 01:56	131-11-3	
Fluoranthene	1800	ug/kg	82.8	1	01/30/17 10:30	01/31/17 01:56	206-44-0	
Fluorene	267	ug/kg	82.8	1	01/30/17 10:30	01/31/17 01:56	86-73-7	
Hexachloro-1,3-butadiene	<82.8	ug/kg	82.8	1	01/30/17 10:30	01/31/17 01:56	87-68-3	
Hexachlorobenzene	<82.8	ug/kg	82.8	1	01/30/17 10:30	01/31/17 01:56	118-74-1	
Hexachlorocyclopentadiene	<408	ug/kg	408	1	01/30/17 10:30	01/31/17 01:56	77-47-4	L3
Hexachloroethane	<82.8	ug/kg	82.8	1	01/30/17 10:30	01/31/17 01:56	67-72-1	
Indeno(1,2,3-cd)pyrene	312	ug/kg	82.8	1	01/30/17 10:30	01/31/17 01:56	193-39-5	
Isophorone	<82.8	ug/kg	82.8	1	01/30/17 10:30	01/31/17 01:56	78-59-1	
N-Nitroso-di-n-propylamine	<82.8	ug/kg	82.8	1	01/30/17 10:30	01/31/17 01:56	621-64-7	
N-Nitrosodiphenylamine	<82.8	ug/kg	82.8	1	01/30/17 10:30	01/31/17 01:56	86-30-6	
Naphthalene	193	ug/kg	82.8	1	01/30/17 10:30	01/31/17 01:56	91-20-3	
Nitrobenzene	<82.8	ug/kg	82.8	1	01/30/17 10:30	01/31/17 01:56	98-95-3	
Pentachlorophenol	<828	ug/kg	828	1	01/30/17 10:30	01/31/17 01:56	87-86-5	IC
Phenanthrene	927	ug/kg	82.8	1	01/30/17 10:30	01/31/17 01:56	85-01-8	
Phenol	<82.8	ug/kg	82.8	1	01/30/17 10:30	01/31/17 01:56	108-95-2	
Pyrene	1560	ug/kg	82.8	1	01/30/17 10:30	01/31/17 01:56	129-00-0	
bis(2-Chloroethoxy)methane	<82.8	ug/kg	82.8	1	01/30/17 10:30	01/31/17 01:56	111-91-1	
bis(2-Chloroethyl) ether	<82.8	ug/kg	82.8	1	01/30/17 10:30	01/31/17 01:56	111-44-4	
bis(2-Ethylhexyl)phthalate	<82.8	ug/kg	82.8	1	01/30/17 10:30	01/31/17 01:56	117-81-7	
Surrogates								
Nitrobenzene-d5 (S)	53	%	23-120	1	01/30/17 10:30	01/31/17 01:56	4165-60-0	
2-Fluorobiphenyl (S)	62	%	30-115	1	01/30/17 10:30	01/31/17 01:56	321-60-8	
p-Terphenyl-d14 (S)	92	%	18-137	1	01/30/17 10:30	01/31/17 01:56	1718-51-0	
Phenol-d5 (S)	60	%	24-113	1	01/30/17 10:30	01/31/17 01:56	4165-62-2	
2-Fluorophenol (S)	53	%	25-121	1	01/30/17 10:30	01/31/17 01:56	367-12-4	
2,4,6-Tribromophenol (S)	76	%	19-122	1	01/30/17 10:30	01/31/17 01:56	118-79-6	
2-Chlorophenol-d4 (S)	55	%	20-130	1	01/30/17 10:30	01/31/17 01:56	93951-73-6	
1,2-Dichlorobenzene-d4 (S)	45	%	20-130	1	01/30/17 10:30	01/31/17 01:56	2199-69-1	
Tentatively Identified Compounds								
2-Pentanone, 4-hydroxy-4	10400	ug/kg		1	01/30/17 10:30	01/31/17 01:56	123-42-2	N
Branched alkane+unknown	204	ug/kg		1	01/30/17 10:30	01/31/17 01:56		N
Straight-chain Alkane	205	ug/kg		1	01/30/17 10:30	01/31/17 01:56		N
dimethyl Naphthalene iso	213	ug/kg		1	01/30/17 10:30	01/31/17 01:56		N
Branched Alkane	295	ug/kg		1	01/30/17 10:30	01/31/17 01:56		N
n-Hexadecanoic acid	807	ug/kg		1	01/30/17 10:30	01/31/17 01:56	57-10-3	N
Octadecanoic acid	194	ug/kg		1	01/30/17 10:30	01/31/17 01:56	57-11-4	N
substituted PNA	259	ug/kg		1	01/30/17 10:30	01/31/17 01:56		N
Substituted PNA	171	ug/kg		1	01/30/17 10:30	01/31/17 01:56		N
Benzo[e]pyrene	554	ug/kg		1	01/30/17 10:30	01/31/17 01:56	192-97-2	N
Branched Alkane+unknown	221	ug/kg		1	01/30/17 10:30	01/31/17 01:56		N

8260C MSV 5035A-L Low Level

Analytical Method: EPA 8260C Preparation Method: EPA 5035A-L

1,1,1-Trichloroethane	<2.0	ug/kg	2.0	1	01/29/17 09:05	01/29/17 23:14	71-55-6	
1,1,2,2-Tetrachloroethane	<2.0	ug/kg	2.0	1	01/29/17 09:05	01/29/17 23:14	79-34-5	
1,1,2-Trichloroethane	<2.0	ug/kg	2.0	1	01/29/17 09:05	01/29/17 23:14	79-00-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 30 Stewart Ave
Pace Project No.: 7010017

Sample: SW-5 **Lab ID: 7010017007** Collected: 01/25/17 11:30 Received: 01/26/17 14:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C MSV 5035A-L Low Level		Analytical Method: EPA 8260C Preparation Method: EPA 5035A-L						
1,1,2-Trichlorotrifluoroethane	<2.0	ug/kg	2.0	1	01/29/17 09:05	01/29/17 23:14	76-13-1	
1,1-Dichloroethane	<2.0	ug/kg	2.0	1	01/29/17 09:05	01/29/17 23:14	75-34-3	
1,1-Dichloroethene	<2.0	ug/kg	2.0	1	01/29/17 09:05	01/29/17 23:14	75-35-4	
1,2,4-Trichlorobenzene	<2.0	ug/kg	2.0	1	01/29/17 09:05	01/29/17 23:14	120-82-1	
1,2-Dibromo-3-chloropropane	<2.0	ug/kg	2.0	1	01/29/17 09:05	01/29/17 23:14	96-12-8	
1,2-Dibromoethane (EDB)	<2.0	ug/kg	2.0	1	01/29/17 09:05	01/29/17 23:14	106-93-4	
1,2-Dichlorobenzene	<2.0	ug/kg	2.0	1	01/29/17 09:05	01/29/17 23:14	95-50-1	
1,2-Dichloroethane	<2.0	ug/kg	2.0	1	01/29/17 09:05	01/29/17 23:14	107-06-2	
1,2-Dichloropropane	<2.0	ug/kg	2.0	1	01/29/17 09:05	01/29/17 23:14	78-87-5	
1,3-Dichlorobenzene	<2.0	ug/kg	2.0	1	01/29/17 09:05	01/29/17 23:14	541-73-1	
1,4-Dichlorobenzene	<2.0	ug/kg	2.0	1	01/29/17 09:05	01/29/17 23:14	106-46-7	
2-Butanone (MEK)	7.0	ug/kg	2.0	1	01/29/17 09:05	01/29/17 23:14	78-93-3	
2-Hexanone	<2.0	ug/kg	2.0	1	01/29/17 09:05	01/29/17 23:14	591-78-6	
4-Methyl-2-pentanone (MIBK)	<2.0	ug/kg	2.0	1	01/29/17 09:05	01/29/17 23:14	108-10-1	
Acetone	73.5	ug/kg	2.0	1	01/29/17 09:05	01/29/17 23:14	67-64-1	
Benzene	<2.0	ug/kg	2.0	1	01/29/17 09:05	01/29/17 23:14	71-43-2	
Bromodichloromethane	<2.0	ug/kg	2.0	1	01/29/17 09:05	01/29/17 23:14	75-27-4	
Bromoform	<2.0	ug/kg	2.0	1	01/29/17 09:05	01/29/17 23:14	75-25-2	
Bromomethane	<2.0	ug/kg	2.0	1	01/29/17 09:05	01/29/17 23:14	74-83-9	
Carbon disulfide	<2.0	ug/kg	2.0	1	01/29/17 09:05	01/29/17 23:14	75-15-0	
Carbon tetrachloride	<2.0	ug/kg	2.0	1	01/29/17 09:05	01/29/17 23:14	56-23-5	
Chlorobenzene	<2.0	ug/kg	2.0	1	01/29/17 09:05	01/29/17 23:14	108-90-7	
Chloroethane	<2.0	ug/kg	2.0	1	01/29/17 09:05	01/29/17 23:14	75-00-3	
Chloroform	<2.0	ug/kg	2.0	1	01/29/17 09:05	01/29/17 23:14	67-66-3	
Chloromethane	<2.0	ug/kg	2.0	1	01/29/17 09:05	01/29/17 23:14	74-87-3	
Cyclohexane	1.5J	ug/kg	2.0	1	01/29/17 09:05	01/29/17 23:14	110-82-7	
Dibromochloromethane	<2.0	ug/kg	2.0	1	01/29/17 09:05	01/29/17 23:14	124-48-1	
Dichlorodifluoromethane	<2.0	ug/kg	2.0	1	01/29/17 09:05	01/29/17 23:14	75-71-8	
Ethylbenzene	<2.0	ug/kg	2.0	1	01/29/17 09:05	01/29/17 23:14	100-41-4	
Isopropylbenzene (Cumene)	1.5J	ug/kg	2.0	1	01/29/17 09:05	01/29/17 23:14	98-82-8	
Methyl acetate	<2.0	ug/kg	2.0	1	01/29/17 09:05	01/29/17 23:14	79-20-9	
Methyl-tert-butyl ether	2.4	ug/kg	2.0	1	01/29/17 09:05	01/29/17 23:14	1634-04-4	CC
Methylcyclohexane	5.1	ug/kg	2.0	1	01/29/17 09:05	01/29/17 23:14	108-87-2	
Methylene Chloride	<2.0	ug/kg	2.0	1	01/29/17 09:05	01/29/17 23:14	75-09-2	
Styrene	<2.0	ug/kg	2.0	1	01/29/17 09:05	01/29/17 23:14	100-42-5	
Tetrachloroethene	<2.0	ug/kg	2.0	1	01/29/17 09:05	01/29/17 23:14	127-18-4	
Toluene	<2.0	ug/kg	2.0	1	01/29/17 09:05	01/29/17 23:14	108-88-3	
Trichloroethene	<2.0	ug/kg	2.0	1	01/29/17 09:05	01/29/17 23:14	79-01-6	
Trichlorofluoromethane	<2.0	ug/kg	2.0	1	01/29/17 09:05	01/29/17 23:14	75-69-4	
Vinyl chloride	<2.0	ug/kg	2.0	1	01/29/17 09:05	01/29/17 23:14	75-01-4	
Xylene (Total)	<2.0	ug/kg	2.0	1	01/29/17 09:05	01/29/17 23:14	1330-20-7	
cis-1,2-Dichloroethene	<2.0	ug/kg	2.0	1	01/29/17 09:05	01/29/17 23:14	156-59-2	
cis-1,3-Dichloropropene	<2.0	ug/kg	2.0	1	01/29/17 09:05	01/29/17 23:14	10061-01-5	
trans-1,2-Dichloroethene	<2.0	ug/kg	2.0	1	01/29/17 09:05	01/29/17 23:14	156-60-5	
trans-1,3-Dichloropropene	<2.0	ug/kg	2.0	1	01/29/17 09:05	01/29/17 23:14	10061-02-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 30 Stewart Ave

Pace Project No.: 7010017

Sample: SW-5 **Lab ID:** 7010017007 **Collected:** 01/25/17 11:30 **Received:** 01/26/17 14:45 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C MSV 5035A-L Low Level Analytical Method: EPA 8260C Preparation Method: EPA 5035A-L								
Surrogates								
Toluene-d8 (S)	106	%.	43-157	1	01/29/17 09:05	01/29/17 23:14	2037-26-5	
4-Bromofluorobenzene (S)	105	%.	34-145	1	01/29/17 09:05	01/29/17 23:14	460-00-4	
1,2-Dichloroethane-d4 (S)	107	%.	33-150	1	01/29/17 09:05	01/29/17 23:14	17060-07-0	
Tentatively Identified Compounds								
c3 substituted benzene	29.6	ug/kg		1	01/29/17 09:05	01/29/17 23:14		N
c3 substituted benzene	21.9	ug/kg		1	01/29/17 09:05	01/29/17 23:14		N
c4 substituted benzene	28.6	ug/kg		1	01/29/17 09:05	01/29/17 23:14		N
c4 substituted benzene	23.8	ug/kg		1	01/29/17 09:05	01/29/17 23:14		N
c4 substituted benzene	46.1	ug/kg		1	01/29/17 09:05	01/29/17 23:14		N
Naphthalene,tetrahydro	20.8	ug/kg		1	01/29/17 09:05	01/29/17 23:14		N
c5 substituted benzene	22.7	ug/kg		1	01/29/17 09:05	01/29/17 23:14		N
Naphthalene,tetrahydro	44.8	ug/kg		1	01/29/17 09:05	01/29/17 23:14		N
c5 substituted benzene	19.4	ug/kg		1	01/29/17 09:05	01/29/17 23:14		N
Naphthalene,tetrahydro	29.8	ug/kg		1	01/29/17 09:05	01/29/17 23:14		N
Percent Moisture Analytical Method: ASTM D2216-92								
Percent Moisture	19.1	%	0.10	1		01/31/17 14:14		

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ANALYTICAL RESULTS

Project: 30 Stewart Ave
Pace Project No.: 7010017

Sample: SW-6 **Lab ID: 7010017008** Collected: 01/25/17 11:45 Received: 01/26/17 14:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Analytical Method: EPA 8270D Preparation Method: EPA 3545A								
1,2,4-Trichlorobenzene	<79.6	ug/kg	79.6	1	01/30/17 10:30	01/31/17 00:04	120-82-1	
2,2'-Oxybis(1-chloropropane)	<79.6	ug/kg	79.6	1	01/30/17 10:30	01/31/17 00:04	108-60-1	
2,4,5-Trichlorophenol	<79.6	ug/kg	79.6	1	01/30/17 10:30	01/31/17 00:04	95-95-4	
2,4,6-Trichlorophenol	<79.6	ug/kg	79.6	1	01/30/17 10:30	01/31/17 00:04	88-06-2	
2,4-Dichlorophenol	<79.6	ug/kg	79.6	1	01/30/17 10:30	01/31/17 00:04	120-83-2	
2,4-Dimethylphenol	<79.6	ug/kg	79.6	1	01/30/17 10:30	01/31/17 00:04	105-67-9	
2,4-Dinitrophenol	<796	ug/kg	796	1	01/30/17 10:30	01/31/17 00:04	51-28-5	
2,4-Dinitrotoluene	<392	ug/kg	392	1	01/30/17 10:30	01/31/17 00:04	121-14-2	
2,6-Dinitrotoluene	<392	ug/kg	392	1	01/30/17 10:30	01/31/17 00:04	606-20-2	
2-Chloronaphthalene	<79.6	ug/kg	79.6	1	01/30/17 10:30	01/31/17 00:04	91-58-7	
2-Chlorophenol	<79.6	ug/kg	79.6	1	01/30/17 10:30	01/31/17 00:04	95-57-8	
2-Methylnaphthalene	<79.6	ug/kg	79.6	1	01/30/17 10:30	01/31/17 00:04	91-57-6	
2-Methylphenol(o-Cresol)	<79.6	ug/kg	79.6	1	01/30/17 10:30	01/31/17 00:04	95-48-7	
2-Nitroaniline	<392	ug/kg	392	1	01/30/17 10:30	01/31/17 00:04	88-74-4	
2-Nitrophenol	<392	ug/kg	392	1	01/30/17 10:30	01/31/17 00:04	88-75-5	
3&4-Methylphenol(m&p Cresol)	<79.6	ug/kg	79.6	1	01/30/17 10:30	01/31/17 00:04		
3,3'-Dichlorobenzidine	<392	ug/kg	392	1	01/30/17 10:30	01/31/17 00:04	91-94-1	CC
3-Nitroaniline	<392	ug/kg	392	1	01/30/17 10:30	01/31/17 00:04	99-09-2	
4,6-Dinitro-2-methylphenol	<796	ug/kg	796	1	01/30/17 10:30	01/31/17 00:04	534-52-1	
4-Bromophenylphenyl ether	<79.6	ug/kg	79.6	1	01/30/17 10:30	01/31/17 00:04	101-55-3	
4-Chloro-3-methylphenol	<79.6	ug/kg	79.6	1	01/30/17 10:30	01/31/17 00:04	59-50-7	
4-Chloroaniline	<392	ug/kg	392	1	01/30/17 10:30	01/31/17 00:04	106-47-8	
4-Chlorophenylphenyl ether	<79.6	ug/kg	79.6	1	01/30/17 10:30	01/31/17 00:04	7005-72-3	
4-Nitroaniline	<392	ug/kg	392	1	01/30/17 10:30	01/31/17 00:04	100-01-6	
4-Nitrophenol	<796	ug/kg	796	1	01/30/17 10:30	01/31/17 00:04	100-02-7	
Acenaphthene	<79.6	ug/kg	79.6	1	01/30/17 10:30	01/31/17 00:04	83-32-9	
Acenaphthylene	<79.6	ug/kg	79.6	1	01/30/17 10:30	01/31/17 00:04	208-96-8	
Acetophenone	<79.6	ug/kg	79.6	1	01/30/17 10:30	01/31/17 00:04	98-86-2	
Anthracene	<79.6	ug/kg	79.6	1	01/30/17 10:30	01/31/17 00:04	120-12-7	
Atrazine	<79.6	ug/kg	79.6	1	01/30/17 10:30	01/31/17 00:04	1912-24-9	IC
Benzaldehyde	<79.6	ug/kg	79.6	1	01/30/17 10:30	01/31/17 00:04	100-52-7	CC,L2
Benzo(a)anthracene	<79.6	ug/kg	79.6	1	01/30/17 10:30	01/31/17 00:04	56-55-3	
Benzo(a)pyrene	<79.6	ug/kg	79.6	1	01/30/17 10:30	01/31/17 00:04	50-32-8	
Benzo(b)fluoranthene	<79.6	ug/kg	79.6	1	01/30/17 10:30	01/31/17 00:04	205-99-2	
Benzo(g,h,i)perylene	<79.6	ug/kg	79.6	1	01/30/17 10:30	01/31/17 00:04	191-24-2	
Benzo(k)fluoranthene	<79.6	ug/kg	79.6	1	01/30/17 10:30	01/31/17 00:04	207-08-9	
Biphenyl (Diphenyl)	<79.6	ug/kg	79.6	1	01/30/17 10:30	01/31/17 00:04	92-52-4	
Butylbenzylphthalate	<79.6	ug/kg	79.6	1	01/30/17 10:30	01/31/17 00:04	85-68-7	
Caprolactam	<79.6	ug/kg	79.6	1	01/30/17 10:30	01/31/17 00:04	105-60-2	
Carbazole	<79.6	ug/kg	79.6	1	01/30/17 10:30	01/31/17 00:04	86-74-8	
Chrysene	<79.6	ug/kg	79.6	1	01/30/17 10:30	01/31/17 00:04	218-01-9	
Di-n-butylphthalate	<79.6	ug/kg	79.6	1	01/30/17 10:30	01/31/17 00:04	84-74-2	
Di-n-octylphthalate	<79.6	ug/kg	79.6	1	01/30/17 10:30	01/31/17 00:04	117-84-0	
Dibenz(a,h)anthracene	<79.6	ug/kg	79.6	1	01/30/17 10:30	01/31/17 00:04	53-70-3	
Dibenzofuran	<79.6	ug/kg	79.6	1	01/30/17 10:30	01/31/17 00:04	132-64-9	
Diethylphthalate	<79.6	ug/kg	79.6	1	01/30/17 10:30	01/31/17 00:04	84-66-2	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 30 Stewart Ave
Pace Project No.: 7010017

Sample: SW-6 **Lab ID: 7010017008** Collected: 01/25/17 11:45 Received: 01/26/17 14:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Analytical Method: EPA 8270D Preparation Method: EPA 3545A								
Dimethylphthalate	<79.6	ug/kg	79.6	1	01/30/17 10:30	01/31/17 00:04	131-11-3	
Fluoranthene	<79.6	ug/kg	79.6	1	01/30/17 10:30	01/31/17 00:04	206-44-0	
Fluorene	<79.6	ug/kg	79.6	1	01/30/17 10:30	01/31/17 00:04	86-73-7	
Hexachloro-1,3-butadiene	<79.6	ug/kg	79.6	1	01/30/17 10:30	01/31/17 00:04	87-68-3	
Hexachlorobenzene	<79.6	ug/kg	79.6	1	01/30/17 10:30	01/31/17 00:04	118-74-1	
Hexachlorocyclopentadiene	<392	ug/kg	392	1	01/30/17 10:30	01/31/17 00:04	77-47-4	L3
Hexachloroethane	<79.6	ug/kg	79.6	1	01/30/17 10:30	01/31/17 00:04	67-72-1	
Indeno(1,2,3-cd)pyrene	<79.6	ug/kg	79.6	1	01/30/17 10:30	01/31/17 00:04	193-39-5	
Isophorone	<79.6	ug/kg	79.6	1	01/30/17 10:30	01/31/17 00:04	78-59-1	
N-Nitroso-di-n-propylamine	<79.6	ug/kg	79.6	1	01/30/17 10:30	01/31/17 00:04	621-64-7	
N-Nitrosodiphenylamine	<79.6	ug/kg	79.6	1	01/30/17 10:30	01/31/17 00:04	86-30-6	
Naphthalene	<79.6	ug/kg	79.6	1	01/30/17 10:30	01/31/17 00:04	91-20-3	
Nitrobenzene	<79.6	ug/kg	79.6	1	01/30/17 10:30	01/31/17 00:04	98-95-3	
Pentachlorophenol	<796	ug/kg	796	1	01/30/17 10:30	01/31/17 00:04	87-86-5	IC
Phenanthrene	<79.6	ug/kg	79.6	1	01/30/17 10:30	01/31/17 00:04	85-01-8	
Phenol	<79.6	ug/kg	79.6	1	01/30/17 10:30	01/31/17 00:04	108-95-2	
Pyrene	<79.6	ug/kg	79.6	1	01/30/17 10:30	01/31/17 00:04	129-00-0	
bis(2-Chloroethoxy)methane	<79.6	ug/kg	79.6	1	01/30/17 10:30	01/31/17 00:04	111-91-1	
bis(2-Chloroethyl) ether	<79.6	ug/kg	79.6	1	01/30/17 10:30	01/31/17 00:04	111-44-4	
bis(2-Ethylhexyl)phthalate	<79.6	ug/kg	79.6	1	01/30/17 10:30	01/31/17 00:04	117-81-7	
Surrogates								
Nitrobenzene-d5 (S)	57	%	23-120	1	01/30/17 10:30	01/31/17 00:04	4165-60-0	
2-Fluorobiphenyl (S)	63	%	30-115	1	01/30/17 10:30	01/31/17 00:04	321-60-8	
p-Terphenyl-d14 (S)	93	%	18-137	1	01/30/17 10:30	01/31/17 00:04	1718-51-0	
Phenol-d5 (S)	63	%	24-113	1	01/30/17 10:30	01/31/17 00:04	4165-62-2	
2-Fluorophenol (S)	57	%	25-121	1	01/30/17 10:30	01/31/17 00:04	367-12-4	
2,4,6-Tribromophenol (S)	62	%	19-122	1	01/30/17 10:30	01/31/17 00:04	118-79-6	
2-Chlorophenol-d4 (S)	52	%	20-130	1	01/30/17 10:30	01/31/17 00:04	93951-73-6	
1,2-Dichlorobenzene-d4 (S)	43	%	20-130	1	01/30/17 10:30	01/31/17 00:04	2199-69-1	
Tentatively Identified Compounds								
3-Penten-2-one, 4-methyl	217	ug/kg		1	01/30/17 10:30	01/31/17 00:04	141-79-7	N
2-Pentanone, 4-hydroxy-	158	ug/kg		1	01/30/17 10:30	01/31/17 00:04	4161-60-8	N
2-Pentanone, 4-hydroxy-4	11200	ug/kg		1	01/30/17 10:30	01/31/17 00:04	123-42-2	N
n-Hexadecanoic acid	341	ug/kg		1	01/30/17 10:30	01/31/17 00:04	57-10-3	N
9-Octadecenamide, (Z)-	767	ug/kg		1	01/30/17 10:30	01/31/17 00:04	301-02-0	N
Hexasiloxane, tetradeca	229	ug/kg		1	01/30/17 10:30	01/31/17 00:04	107-52-8	N
8260C MSV 5035A-L Low Level Analytical Method: EPA 8260C Preparation Method: EPA 5035A-L								
1,1,1-Trichloroethane	<1.9	ug/kg	1.9	1	01/29/17 09:05	01/29/17 22:01	71-55-6	
1,1,2,2-Tetrachloroethane	<1.9	ug/kg	1.9	1	01/29/17 09:05	01/29/17 22:01	79-34-5	
1,1,2-Trichloroethane	<1.9	ug/kg	1.9	1	01/29/17 09:05	01/29/17 22:01	79-00-5	
1,1,2-Trichlorotrifluoroethane	<1.9	ug/kg	1.9	1	01/29/17 09:05	01/29/17 22:01	76-13-1	
1,1-Dichloroethane	<1.9	ug/kg	1.9	1	01/29/17 09:05	01/29/17 22:01	75-34-3	
1,1-Dichloroethene	<1.9	ug/kg	1.9	1	01/29/17 09:05	01/29/17 22:01	75-35-4	
1,2,4-Trichlorobenzene	<1.9	ug/kg	1.9	1	01/29/17 09:05	01/29/17 22:01	120-82-1	
1,2-Dibromo-3-chloropropane	<1.9	ug/kg	1.9	1	01/29/17 09:05	01/29/17 22:01	96-12-8	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 30 Stewart Ave
Pace Project No.: 7010017

Sample: SW-6 **Lab ID: 7010017008** Collected: 01/25/17 11:45 Received: 01/26/17 14:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C MSV 5035A-L Low Level		Analytical Method: EPA 8260C Preparation Method: EPA 5035A-L						
1,2-Dibromoethane (EDB)	<1.9	ug/kg	1.9	1	01/29/17 09:05	01/29/17 22:01	106-93-4	
1,2-Dichlorobenzene	<1.9	ug/kg	1.9	1	01/29/17 09:05	01/29/17 22:01	95-50-1	
1,2-Dichloroethane	<1.9	ug/kg	1.9	1	01/29/17 09:05	01/29/17 22:01	107-06-2	
1,2-Dichloropropane	<1.9	ug/kg	1.9	1	01/29/17 09:05	01/29/17 22:01	78-87-5	
1,3-Dichlorobenzene	<1.9	ug/kg	1.9	1	01/29/17 09:05	01/29/17 22:01	541-73-1	
1,4-Dichlorobenzene	<1.9	ug/kg	1.9	1	01/29/17 09:05	01/29/17 22:01	106-46-7	
2-Butanone (MEK)	<1.9	ug/kg	1.9	1	01/29/17 09:05	01/29/17 22:01	78-93-3	
2-Hexanone	<1.9	ug/kg	1.9	1	01/29/17 09:05	01/29/17 22:01	591-78-6	
4-Methyl-2-pentanone (MIBK)	<1.9	ug/kg	1.9	1	01/29/17 09:05	01/29/17 22:01	108-10-1	
Acetone	30.9	ug/kg	1.9	1	01/29/17 09:05	01/29/17 22:01	67-64-1	
Benzene	<1.9	ug/kg	1.9	1	01/29/17 09:05	01/29/17 22:01	71-43-2	
Bromodichloromethane	<1.9	ug/kg	1.9	1	01/29/17 09:05	01/29/17 22:01	75-27-4	
Bromoform	<1.9	ug/kg	1.9	1	01/29/17 09:05	01/29/17 22:01	75-25-2	
Bromomethane	<1.9	ug/kg	1.9	1	01/29/17 09:05	01/29/17 22:01	74-83-9	
Carbon disulfide	<1.9	ug/kg	1.9	1	01/29/17 09:05	01/29/17 22:01	75-15-0	
Carbon tetrachloride	<1.9	ug/kg	1.9	1	01/29/17 09:05	01/29/17 22:01	56-23-5	
Chlorobenzene	<1.9	ug/kg	1.9	1	01/29/17 09:05	01/29/17 22:01	108-90-7	
Chloroethane	<1.9	ug/kg	1.9	1	01/29/17 09:05	01/29/17 22:01	75-00-3	
Chloroform	<1.9	ug/kg	1.9	1	01/29/17 09:05	01/29/17 22:01	67-66-3	
Chloromethane	<1.9	ug/kg	1.9	1	01/29/17 09:05	01/29/17 22:01	74-87-3	
Cyclohexane	<1.9	ug/kg	1.9	1	01/29/17 09:05	01/29/17 22:01	110-82-7	
Dibromochloromethane	<1.9	ug/kg	1.9	1	01/29/17 09:05	01/29/17 22:01	124-48-1	
Dichlorodifluoromethane	<1.9	ug/kg	1.9	1	01/29/17 09:05	01/29/17 22:01	75-71-8	
Ethylbenzene	<1.9	ug/kg	1.9	1	01/29/17 09:05	01/29/17 22:01	100-41-4	
Isopropylbenzene (Cumene)	<1.9	ug/kg	1.9	1	01/29/17 09:05	01/29/17 22:01	98-82-8	
Methyl acetate	<1.9	ug/kg	1.9	1	01/29/17 09:05	01/29/17 22:01	79-20-9	
Methyl-tert-butyl ether	<1.9	ug/kg	1.9	1	01/29/17 09:05	01/29/17 22:01	1634-04-4	
Methylcyclohexane	<1.9	ug/kg	1.9	1	01/29/17 09:05	01/29/17 22:01	108-87-2	
Methylene Chloride	<1.9	ug/kg	1.9	1	01/29/17 09:05	01/29/17 22:01	75-09-2	
Styrene	<1.9	ug/kg	1.9	1	01/29/17 09:05	01/29/17 22:01	100-42-5	
Tetrachloroethene	<1.9	ug/kg	1.9	1	01/29/17 09:05	01/29/17 22:01	127-18-4	
Toluene	1.03	ug/kg	1.9	1	01/29/17 09:05	01/29/17 22:01	108-88-3	
Trichloroethene	<1.9	ug/kg	1.9	1	01/29/17 09:05	01/29/17 22:01	79-01-6	
Trichlorofluoromethane	<1.9	ug/kg	1.9	1	01/29/17 09:05	01/29/17 22:01	75-69-4	
Vinyl chloride	<1.9	ug/kg	1.9	1	01/29/17 09:05	01/29/17 22:01	75-01-4	
Xylene (Total)	<1.9	ug/kg	1.9	1	01/29/17 09:05	01/29/17 22:01	1330-20-7	
cis-1,2-Dichloroethene	<1.9	ug/kg	1.9	1	01/29/17 09:05	01/29/17 22:01	156-59-2	
cis-1,3-Dichloropropene	<1.9	ug/kg	1.9	1	01/29/17 09:05	01/29/17 22:01	10061-01-5	
trans-1,2-Dichloroethene	<1.9	ug/kg	1.9	1	01/29/17 09:05	01/29/17 22:01	156-60-5	
trans-1,3-Dichloropropene	<1.9	ug/kg	1.9	1	01/29/17 09:05	01/29/17 22:01	10061-02-6	
Surrogates								
Toluene-d8 (S)	101	%.	43-157	1	01/29/17 09:05	01/29/17 22:01	2037-26-5	
4-Bromofluorobenzene (S)	97	%.	34-145	1	01/29/17 09:05	01/29/17 22:01	460-00-4	
1,2-Dichloroethane-d4 (S)	131	%.	33-150	1	01/29/17 09:05	01/29/17 22:01	17060-07-0	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 30 Stewart Ave

Pace Project No.: 7010017

Sample: SW-6 **Lab ID: 7010017008** Collected: 01/25/17 11:45 Received: 01/26/17 14:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture Analytical Method: ASTM D2216-92								
Percent Moisture	15.8	%	0.10	1		01/31/17 14:15		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 30 Stewart Ave
Pace Project No.: 7010017

Sample: DSB-1 **Lab ID:** 7010017009 **Collected:** 01/25/17 12:00 **Received:** 01/26/17 14:45 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8081 GCS Pesticides Analytical Method: EPA 8081B Preparation Method: EPA 3545A								
Aldrin	<2.2	ug/kg	2.2	1	01/27/17 13:00	02/01/17 18:37	309-00-2	
alpha-BHC	<2.2	ug/kg	2.2	1	01/27/17 13:00	02/01/17 18:37	319-84-6	
beta-BHC	<2.2	ug/kg	2.2	1	01/27/17 13:00	02/01/17 18:37	319-85-7	
delta-BHC	<2.2	ug/kg	2.2	1	01/27/17 13:00	02/01/17 18:37	319-86-8	
gamma-BHC (Lindane)	<2.2	ug/kg	2.2	1	01/27/17 13:00	02/01/17 18:37	58-89-9	
alpha-Chlordane	<2.2	ug/kg	2.2	1	01/27/17 13:00	02/01/17 18:37	5103-71-9	
gamma-Chlordane	<2.2	ug/kg	2.2	1	01/27/17 13:00	02/01/17 18:37	5103-74-2	
4,4'-DDD	<4.3	ug/kg	4.3	1	01/27/17 13:00	02/01/17 18:37	72-54-8	L2
4,4'-DDE	<4.3	ug/kg	4.3	1	01/27/17 13:00	02/01/17 18:37	72-55-9	
4,4'-DDT	<4.3	ug/kg	4.3	1	01/27/17 13:00	02/01/17 18:37	50-29-3	
Dieldrin	<4.3	ug/kg	4.3	1	01/27/17 13:00	02/01/17 18:37	60-57-1	
Endosulfan I	<2.2	ug/kg	2.2	1	01/27/17 13:00	02/01/17 18:37	959-98-8	L2
Endosulfan II	<4.3	ug/kg	4.3	1	01/27/17 13:00	02/01/17 18:37	33213-65-9	L2
Endosulfan sulfate	<4.3	ug/kg	4.3	1	01/27/17 13:00	02/01/17 18:37	1031-07-8	
Endrin	<4.3	ug/kg	4.3	1	01/27/17 13:00	02/01/17 18:37	72-20-8	
Endrin aldehyde	<4.3	ug/kg	4.3	1	01/27/17 13:00	02/01/17 18:37	7421-93-4	
Endrin ketone	<4.3	ug/kg	4.3	1	01/27/17 13:00	02/01/17 18:37	53494-70-5	
Heptachlor	<2.2	ug/kg	2.2	1	01/27/17 13:00	02/01/17 18:37	76-44-8	L2
Heptachlor epoxide	<2.2	ug/kg	2.2	1	01/27/17 13:00	02/01/17 18:37	1024-57-3	
Methoxychlor	<21.9	ug/kg	21.9	1	01/27/17 13:00	02/01/17 18:37	72-43-5	
Toxaphene	<219	ug/kg	219	1	01/27/17 13:00	02/01/17 18:37	8001-35-2	
Surrogates								
Tetrachloro-m-xylene (S)	37	%.	30-150	1	01/27/17 13:00	02/01/17 18:37	877-09-8	
Decachlorobiphenyl (S)	45	%.	30-150	1	01/27/17 13:00	02/01/17 18:37	2051-24-3	
8082 GCS PCB Analytical Method: EPA 8082A Preparation Method: EPA 3545A								
PCB-1016 (Aroclor 1016)	<42.6	ug/kg	42.6	1	01/27/17 13:00	02/01/17 17:03	12674-11-2	
PCB-1221 (Aroclor 1221)	<86.5	ug/kg	86.5	1	01/27/17 13:00	02/01/17 17:03	11104-28-2	
PCB-1232 (Aroclor 1232)	<42.6	ug/kg	42.6	1	01/27/17 13:00	02/01/17 17:03	11141-16-5	
PCB-1242 (Aroclor 1242)	<42.6	ug/kg	42.6	1	01/27/17 13:00	02/01/17 17:03	53469-21-9	
PCB-1248 (Aroclor 1248)	<42.6	ug/kg	42.6	1	01/27/17 13:00	02/01/17 17:03	12672-29-6	
PCB-1254 (Aroclor 1254)	<42.6	ug/kg	42.6	1	01/27/17 13:00	02/01/17 17:03	11097-69-1	
PCB-1260 (Aroclor 1260)	<42.6	ug/kg	42.6	1	01/27/17 13:00	02/01/17 17:03	11096-82-5	
Surrogates								
Tetrachloro-m-xylene (S)	44	%.	30-150	1	01/27/17 13:00	02/01/17 17:03	877-09-8	
Decachlorobiphenyl (S)	48	%.	30-150	1	01/27/17 13:00	02/01/17 17:03	2051-24-3	
8151 Chlorinated Herbicides Analytical Method: EPA 8151A Preparation Method: EPA 8151A								
2,4-D	<12.9	ug/kg	12.9	1	01/31/17 10:26	02/02/17 02:18	94-75-7	
Dicamba	8.4	ug/kg	3.9	1	01/31/17 10:26	02/02/17 02:18	1918-00-9	B
2,4,5-T	<6.4	ug/kg	6.4	1	01/31/17 10:26	02/02/17 02:18	93-76-5	
2,4,5-TP (Silvex)	<6.4	ug/kg	6.4	1	01/31/17 10:26	02/02/17 02:18	93-72-1	
Surrogates								
2,4-DCAA (S)	44	%.	29-136	1	01/31/17 10:26	02/02/17 02:18	19719-28-9	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 30 Stewart Ave
Pace Project No.: 7010017

Sample: DSB-1 **Lab ID:** 7010017009 **Collected:** 01/25/17 12:00 **Received:** 01/26/17 14:45 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP Analytical Method: EPA 6010C Preparation Method: EPA 3050B								
Aluminum	12300	mg/kg	12.9	1	02/01/17 11:45	02/02/17 00:45	7429-90-5	M1
Antimony	<3.9	mg/kg	3.9	1	02/01/17 11:45	02/02/17 00:45	7440-36-0	M1
Arsenic	6.8	mg/kg	0.65	1	02/01/17 11:45	02/02/17 00:45	7440-38-2	
Barium	60.8	mg/kg	12.9	1	02/01/17 11:45	02/02/17 00:45	7440-39-3	M1
Beryllium	1.4	mg/kg	0.32	1	02/01/17 11:45	02/02/17 00:45	7440-41-7	
Cadmium	0.25	mg/kg	0.16	1	02/01/17 11:45	02/02/17 00:45	7440-43-9	
Calcium	359	mg/kg	64.6	1	02/01/17 11:45	02/02/17 00:45	7440-70-2	
Chromium	16.4	mg/kg	0.65	1	02/01/17 11:45	02/02/17 00:45	7440-47-3	
Cobalt	7.1	mg/kg	3.2	1	02/01/17 11:45	02/02/17 00:45	7440-48-4	
Copper	17.6	mg/kg	1.6	1	02/01/17 11:45	02/02/17 00:45	7440-50-8	
Iron	21900	mg/kg	6.5	1	02/01/17 11:45	02/02/17 00:45	7439-89-6	M1
Lead	7.8	mg/kg	0.32	1	02/01/17 11:45	02/02/17 00:45	7439-92-1	
Magnesium	2110	mg/kg	64.6	1	02/01/17 11:45	02/02/17 00:45	7439-95-4	
Manganese	278	mg/kg	0.97	1	02/01/17 11:45	02/02/17 00:45	7439-96-5	M1
Nickel	10.9	mg/kg	2.6	1	02/01/17 11:45	02/02/17 00:45	7440-02-0	
Potassium	2030	mg/kg	323	1	02/01/17 11:45	02/02/17 00:45	7440-09-7	
Selenium	<0.65	mg/kg	0.65	1	02/01/17 11:45	02/02/17 00:45	7782-49-2	
Silver	<0.65	mg/kg	0.65	1	02/01/17 11:45	02/02/17 00:45	7440-22-4	
Sodium	<323	mg/kg	323	1	02/01/17 11:45	02/02/17 00:45	7440-23-5	
Thallium	<0.65	mg/kg	0.65	1	02/01/17 11:45	02/02/17 00:45	7440-28-0	
Vanadium	25.2	mg/kg	3.2	1	02/01/17 11:45	02/02/17 00:45	7440-62-2	
Zinc	28.3	mg/kg	1.3	1	02/01/17 11:45	02/02/17 00:45	7440-66-6	

7471 Mercury

Analytical Method: EPA 7471B Preparation Method: EPA 7471B

Mercury	<0.048	mg/kg	0.048	1	02/01/17 11:45	02/02/17 15:15	7439-97-6	
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8270 MSSV

Analytical Method: EPA 8270D Preparation Method: EPA 3545A

1,2,4-Trichlorobenzene	<86.5	ug/kg	86.5	1	01/30/17 10:30	01/31/17 00:33	120-82-1	
2,2'-Oxybis(1-chloropropane)	<86.5	ug/kg	86.5	1	01/30/17 10:30	01/31/17 00:33	108-60-1	
2,4,5-Trichlorophenol	<86.5	ug/kg	86.5	1	01/30/17 10:30	01/31/17 00:33	95-95-4	
2,4,6-Trichlorophenol	<86.5	ug/kg	86.5	1	01/30/17 10:30	01/31/17 00:33	88-06-2	
2,4-Dichlorophenol	<86.5	ug/kg	86.5	1	01/30/17 10:30	01/31/17 00:33	120-83-2	
2,4-Dimethylphenol	<86.5	ug/kg	86.5	1	01/30/17 10:30	01/31/17 00:33	105-67-9	
2,4-Dinitrophenol	<86.5	ug/kg	86.5	1	01/30/17 10:30	01/31/17 00:33	51-28-5	
2,4-Dinitrotoluene	<426	ug/kg	426	1	01/30/17 10:30	01/31/17 00:33	121-14-2	
2,6-Dinitrotoluene	<426	ug/kg	426	1	01/30/17 10:30	01/31/17 00:33	606-20-2	
2-Chloronaphthalene	<86.5	ug/kg	86.5	1	01/30/17 10:30	01/31/17 00:33	91-58-7	
2-Chlorophenol	<86.5	ug/kg	86.5	1	01/30/17 10:30	01/31/17 00:33	95-57-8	
2-Methylnaphthalene	<86.5	ug/kg	86.5	1	01/30/17 10:30	01/31/17 00:33	91-57-6	
2-Methylphenol(o-Cresol)	<86.5	ug/kg	86.5	1	01/30/17 10:30	01/31/17 00:33	95-48-7	
2-Nitroaniline	<426	ug/kg	426	1	01/30/17 10:30	01/31/17 00:33	88-74-4	
2-Nitrophenol	<426	ug/kg	426	1	01/30/17 10:30	01/31/17 00:33	88-75-5	
3&4-Methylphenol(m&p Cresol)	<86.5	ug/kg	86.5	1	01/30/17 10:30	01/31/17 00:33		
3,3'-Dichlorobenzidine	<426	ug/kg	426	1	01/30/17 10:30	01/31/17 00:33	91-94-1	CC
3-Nitroaniline	<426	ug/kg	426	1	01/30/17 10:30	01/31/17 00:33	99-09-2	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 30 Stewart Ave
Pace Project No.: 7010017

Sample: DSB-1 **Lab ID:** 7010017009 **Collected:** 01/25/17 12:00 **Received:** 01/26/17 14:45 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Analytical Method: EPA 8270D Preparation Method: EPA 3545A								
4,6-Dinitro-2-methylphenol	<865	ug/kg	865	1	01/30/17 10:30	01/31/17 00:33	534-52-1	
4-Bromophenylphenyl ether	<86.5	ug/kg	86.5	1	01/30/17 10:30	01/31/17 00:33	101-55-3	
4-Chloro-3-methylphenol	<86.5	ug/kg	86.5	1	01/30/17 10:30	01/31/17 00:33	59-50-7	
4-Chloroaniline	<426	ug/kg	426	1	01/30/17 10:30	01/31/17 00:33	106-47-8	
4-Chlorophenylphenyl ether	<86.5	ug/kg	86.5	1	01/30/17 10:30	01/31/17 00:33	7005-72-3	
4-Nitroaniline	<426	ug/kg	426	1	01/30/17 10:30	01/31/17 00:33	100-01-6	
4-Nitrophenol	<865	ug/kg	865	1	01/30/17 10:30	01/31/17 00:33	100-02-7	
Acenaphthene	<86.5	ug/kg	86.5	1	01/30/17 10:30	01/31/17 00:33	83-32-9	
Acenaphthylene	<86.5	ug/kg	86.5	1	01/30/17 10:30	01/31/17 00:33	208-96-8	
Acetophenone	<86.5	ug/kg	86.5	1	01/30/17 10:30	01/31/17 00:33	98-86-2	
Anthracene	<86.5	ug/kg	86.5	1	01/30/17 10:30	01/31/17 00:33	120-12-7	
Atrazine	<86.5	ug/kg	86.5	1	01/30/17 10:30	01/31/17 00:33	1912-24-9	IC
Benzaldehyde	<86.5	ug/kg	86.5	1	01/30/17 10:30	01/31/17 00:33	100-52-7	CC,L2
Benzo(a)anthracene	<86.5	ug/kg	86.5	1	01/30/17 10:30	01/31/17 00:33	56-55-3	
Benzo(a)pyrene	<86.5	ug/kg	86.5	1	01/30/17 10:30	01/31/17 00:33	50-32-8	
Benzo(b)fluoranthene	<86.5	ug/kg	86.5	1	01/30/17 10:30	01/31/17 00:33	205-99-2	
Benzo(g,h,i)perylene	<86.5	ug/kg	86.5	1	01/30/17 10:30	01/31/17 00:33	191-24-2	
Benzo(k)fluoranthene	<86.5	ug/kg	86.5	1	01/30/17 10:30	01/31/17 00:33	207-08-9	
Biphenyl (Diphenyl)	<86.5	ug/kg	86.5	1	01/30/17 10:30	01/31/17 00:33	92-52-4	
Butylbenzylphthalate	<86.5	ug/kg	86.5	1	01/30/17 10:30	01/31/17 00:33	85-68-7	
Caprolactam	<86.5	ug/kg	86.5	1	01/30/17 10:30	01/31/17 00:33	105-60-2	
Carbazole	<86.5	ug/kg	86.5	1	01/30/17 10:30	01/31/17 00:33	86-74-8	
Chrysene	<86.5	ug/kg	86.5	1	01/30/17 10:30	01/31/17 00:33	218-01-9	
Di-n-butylphthalate	<86.5	ug/kg	86.5	1	01/30/17 10:30	01/31/17 00:33	84-74-2	
Di-n-octylphthalate	<86.5	ug/kg	86.5	1	01/30/17 10:30	01/31/17 00:33	117-84-0	
Dibenz(a,h)anthracene	<86.5	ug/kg	86.5	1	01/30/17 10:30	01/31/17 00:33	53-70-3	
Dibenzofuran	<86.5	ug/kg	86.5	1	01/30/17 10:30	01/31/17 00:33	132-64-9	
Diethylphthalate	<86.5	ug/kg	86.5	1	01/30/17 10:30	01/31/17 00:33	84-66-2	
Dimethylphthalate	<86.5	ug/kg	86.5	1	01/30/17 10:30	01/31/17 00:33	131-11-3	
Fluoranthene	<86.5	ug/kg	86.5	1	01/30/17 10:30	01/31/17 00:33	206-44-0	
Fluorene	<86.5	ug/kg	86.5	1	01/30/17 10:30	01/31/17 00:33	86-73-7	
Hexachloro-1,3-butadiene	<86.5	ug/kg	86.5	1	01/30/17 10:30	01/31/17 00:33	87-68-3	
Hexachlorobenzene	<86.5	ug/kg	86.5	1	01/30/17 10:30	01/31/17 00:33	118-74-1	
Hexachlorocyclopentadiene	<426	ug/kg	426	1	01/30/17 10:30	01/31/17 00:33	77-47-4	L3
Hexachloroethane	<86.5	ug/kg	86.5	1	01/30/17 10:30	01/31/17 00:33	67-72-1	
Indeno(1,2,3-cd)pyrene	<86.5	ug/kg	86.5	1	01/30/17 10:30	01/31/17 00:33	193-39-5	
Isophorone	<86.5	ug/kg	86.5	1	01/30/17 10:30	01/31/17 00:33	78-59-1	
N-Nitroso-di-n-propylamine	<86.5	ug/kg	86.5	1	01/30/17 10:30	01/31/17 00:33	621-64-7	
N-Nitrosodiphenylamine	<86.5	ug/kg	86.5	1	01/30/17 10:30	01/31/17 00:33	86-30-6	
Naphthalene	<86.5	ug/kg	86.5	1	01/30/17 10:30	01/31/17 00:33	91-20-3	
Nitrobenzene	<86.5	ug/kg	86.5	1	01/30/17 10:30	01/31/17 00:33	98-95-3	
Pentachlorophenol	<865	ug/kg	865	1	01/30/17 10:30	01/31/17 00:33	87-86-5	IC
Phenanthrene	<86.5	ug/kg	86.5	1	01/30/17 10:30	01/31/17 00:33	85-01-8	
Phenol	<86.5	ug/kg	86.5	1	01/30/17 10:30	01/31/17 00:33	108-95-2	
Pyrene	<86.5	ug/kg	86.5	1	01/30/17 10:30	01/31/17 00:33	129-00-0	
bis(2-Chloroethoxy)methane	<86.5	ug/kg	86.5	1	01/30/17 10:30	01/31/17 00:33	111-91-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 30 Stewart Ave
Pace Project No.: 7010017

Sample: DSB-1 **Lab ID: 7010017009** Collected: 01/25/17 12:00 Received: 01/26/17 14:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Analytical Method: EPA 8270D Preparation Method: EPA 3545A								
bis(2-Chloroethyl) ether	<86.5	ug/kg	86.5	1	01/30/17 10:30	01/31/17 00:33	111-44-4	
bis(2-Ethylhexyl)phthalate	<86.5	ug/kg	86.5	1	01/30/17 10:30	01/31/17 00:33	117-81-7	
Surrogates								
Nitrobenzene-d5 (S)	51	%.	23-120	1	01/30/17 10:30	01/31/17 00:33	4165-60-0	
2-Fluorobiphenyl (S)	59	%.	30-115	1	01/30/17 10:30	01/31/17 00:33	321-60-8	
p-Terphenyl-d14 (S)	80	%.	18-137	1	01/30/17 10:30	01/31/17 00:33	1718-51-0	
Phenol-d5 (S)	66	%.	24-113	1	01/30/17 10:30	01/31/17 00:33	4165-62-2	
2-Fluorophenol (S)	58	%.	25-121	1	01/30/17 10:30	01/31/17 00:33	367-12-4	
2,4,6-Tribromophenol (S)	72	%.	19-122	1	01/30/17 10:30	01/31/17 00:33	118-79-6	
2-Chlorophenol-d4 (S)	63	%.	20-130	1	01/30/17 10:30	01/31/17 00:33	93951-73-6	
1,2-Dichlorobenzene-d4 (S)	45	%.	20-130	1	01/30/17 10:30	01/31/17 00:33	2199-69-1	
Tentatively Identified Compounds								
3-Penten-2-one, 4-methyl	814	ug/kg		1	01/30/17 10:30	01/31/17 00:33	141-79-7	N
2-Pentanone, 4-hydroxy-	288	ug/kg		1	01/30/17 10:30	01/31/17 00:33	4161-60-8	N
2-Pentanone, 4-hydroxy-4	17200	ug/kg		1	01/30/17 10:30	01/31/17 00:33	123-42-2	N
n-Hexadecanoic acid	517	ug/kg		1	01/30/17 10:30	01/31/17 00:33	57-10-3	N
Cyclononasiloxane, octa	200	ug/kg		1	01/30/17 10:30	01/31/17 00:33	556-71-8	N
Unknown siloxane	256	ug/kg		1	01/30/17 10:30	01/31/17 00:33		N
Heptasiloxane, hexadeca	181	ug/kg		1	01/30/17 10:30	01/31/17 00:33	541-01-5	N
8260C MSV 5035A-L Low Level Analytical Method: EPA 8260C Preparation Method: EPA 5035A-L								
1,1,1-Trichloroethane	<2.1	ug/kg	2.1	1	01/29/17 09:05	01/29/17 22:26	71-55-6	
1,1,2,2-Tetrachloroethane	<2.1	ug/kg	2.1	1	01/29/17 09:05	01/29/17 22:26	79-34-5	
1,1,2-Trichloroethane	<2.1	ug/kg	2.1	1	01/29/17 09:05	01/29/17 22:26	79-00-5	
1,1,2-Trichlorotrifluoroethane	<2.1	ug/kg	2.1	1	01/29/17 09:05	01/29/17 22:26	76-13-1	
1,1-Dichloroethane	<2.1	ug/kg	2.1	1	01/29/17 09:05	01/29/17 22:26	75-34-3	
1,1-Dichloroethene	<2.1	ug/kg	2.1	1	01/29/17 09:05	01/29/17 22:26	75-35-4	
1,2,4-Trichlorobenzene	<2.1	ug/kg	2.1	1	01/29/17 09:05	01/29/17 22:26	120-82-1	
1,2-Dibromo-3-chloropropane	<2.1	ug/kg	2.1	1	01/29/17 09:05	01/29/17 22:26	96-12-8	
1,2-Dibromoethane (EDB)	<2.1	ug/kg	2.1	1	01/29/17 09:05	01/29/17 22:26	106-93-4	
1,2-Dichlorobenzene	<2.1	ug/kg	2.1	1	01/29/17 09:05	01/29/17 22:26	95-50-1	
1,2-Dichloroethane	<2.1	ug/kg	2.1	1	01/29/17 09:05	01/29/17 22:26	107-06-2	
1,2-Dichloropropane	<2.1	ug/kg	2.1	1	01/29/17 09:05	01/29/17 22:26	78-87-5	
1,3-Dichlorobenzene	<2.1	ug/kg	2.1	1	01/29/17 09:05	01/29/17 22:26	541-73-1	
1,4-Dichlorobenzene	<2.1	ug/kg	2.1	1	01/29/17 09:05	01/29/17 22:26	106-46-7	
2-Butanone (MEK)	8.1	ug/kg	2.1	1	01/29/17 09:05	01/29/17 22:26	78-93-3	
2-Hexanone	<2.1	ug/kg	2.1	1	01/29/17 09:05	01/29/17 22:26	591-78-6	
4-Methyl-2-pentanone (MIBK)	<2.1	ug/kg	2.1	1	01/29/17 09:05	01/29/17 22:26	108-10-1	
Acetone	24.8	ug/kg	2.1	1	01/29/17 09:05	01/29/17 22:26	67-64-1	
Benzene	108	ug/kg	2.1	1	01/29/17 09:05	01/29/17 22:26	71-43-2	
Bromodichloromethane	<2.1	ug/kg	2.1	1	01/29/17 09:05	01/29/17 22:26	75-27-4	
Bromoform	<2.1	ug/kg	2.1	1	01/29/17 09:05	01/29/17 22:26	75-25-2	
Bromomethane	<2.1	ug/kg	2.1	1	01/29/17 09:05	01/29/17 22:26	74-83-9	
Carbon disulfide	<2.1	ug/kg	2.1	1	01/29/17 09:05	01/29/17 22:26	75-15-0	
Carbon tetrachloride	<2.1	ug/kg	2.1	1	01/29/17 09:05	01/29/17 22:26	56-23-5	
Chlorobenzene	<2.1	ug/kg	2.1	1	01/29/17 09:05	01/29/17 22:26	108-90-7	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 30 Stewart Ave
Pace Project No.: 7010017

Sample: DSB-1 **Lab ID:** 7010017009 **Collected:** 01/25/17 12:00 **Received:** 01/26/17 14:45 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C MSV 5035A-L Low Level Analytical Method: EPA 8260C Preparation Method: EPA 5035A-L								
Chloroethane	<2.1	ug/kg	2.1	1	01/29/17 09:05	01/29/17 22:26	75-00-3	
Chloroform	<2.1	ug/kg	2.1	1	01/29/17 09:05	01/29/17 22:26	67-66-3	
Chloromethane	<2.1	ug/kg	2.1	1	01/29/17 09:05	01/29/17 22:26	74-87-3	
Cyclohexane	<2.1	ug/kg	2.1	1	01/29/17 09:05	01/29/17 22:26	110-82-7	
Dibromochloromethane	<2.1	ug/kg	2.1	1	01/29/17 09:05	01/29/17 22:26	124-48-1	
Dichlorodifluoromethane	<2.1	ug/kg	2.1	1	01/29/17 09:05	01/29/17 22:26	75-71-8	
Ethylbenzene	<2.1	ug/kg	2.1	1	01/29/17 09:05	01/29/17 22:26	100-41-4	
Isopropylbenzene (Cumene)	<2.1	ug/kg	2.1	1	01/29/17 09:05	01/29/17 22:26	98-82-8	
Methyl acetate	<2.1	ug/kg	2.1	1	01/29/17 09:05	01/29/17 22:26	79-20-9	
Methyl-tert-butyl ether	<2.1	ug/kg	2.1	1	01/29/17 09:05	01/29/17 22:26	1634-04-4	
Methylcyclohexane	<2.1	ug/kg	2.1	1	01/29/17 09:05	01/29/17 22:26	108-87-2	
Methylene Chloride	<2.1	ug/kg	2.1	1	01/29/17 09:05	01/29/17 22:26	75-09-2	
Styrene	<2.1	ug/kg	2.1	1	01/29/17 09:05	01/29/17 22:26	100-42-5	
Tetrachloroethene	<2.1	ug/kg	2.1	1	01/29/17 09:05	01/29/17 22:26	127-18-4	
Toluene	<2.1	ug/kg	2.1	1	01/29/17 09:05	01/29/17 22:26	108-88-3	
Trichloroethene	<2.1	ug/kg	2.1	1	01/29/17 09:05	01/29/17 22:26	79-01-6	
Trichlorofluoromethane	<2.1	ug/kg	2.1	1	01/29/17 09:05	01/29/17 22:26	75-69-4	
Vinyl chloride	<2.1	ug/kg	2.1	1	01/29/17 09:05	01/29/17 22:26	75-01-4	
Xylene (Total)	<2.1	ug/kg	2.1	1	01/29/17 09:05	01/29/17 22:26	1330-20-7	
cis-1,2-Dichloroethene	<2.1	ug/kg	2.1	1	01/29/17 09:05	01/29/17 22:26	156-59-2	
cis-1,3-Dichloropropene	<2.1	ug/kg	2.1	1	01/29/17 09:05	01/29/17 22:26	10061-01-5	
trans-1,2-Dichloroethene	<2.1	ug/kg	2.1	1	01/29/17 09:05	01/29/17 22:26	156-60-5	
trans-1,3-Dichloropropene	<2.1	ug/kg	2.1	1	01/29/17 09:05	01/29/17 22:26	10061-02-6	
Surrogates								
Toluene-d8 (S)	101	%	43-157	1	01/29/17 09:05	01/29/17 22:26	2037-26-5	
4-Bromofluorobenzene (S)	98	%	34-145	1	01/29/17 09:05	01/29/17 22:26	460-00-4	
1,2-Dichloroethane-d4 (S)	101	%	33-150	1	01/29/17 09:05	01/29/17 22:26	17060-07-0	
Tentatively Identified Compounds								
Unknown	12.7	ug/kg		1	01/29/17 09:05	01/29/17 22:26		N
Butane	17.2	ug/kg		1	01/29/17 09:05	01/29/17 22:26	106-97-8	N
Unknown	11.5	ug/kg		1	01/29/17 09:05	01/29/17 22:26		N
Branched alkane	19.7	ug/kg		1	01/29/17 09:05	01/29/17 22:26		N
Branched alkane	8.9	ug/kg		1	01/29/17 09:05	01/29/17 22:26		N
Percent Moisture Analytical Method: ASTM D2216-92								
Percent Moisture	22.5	%	0.10	1		01/31/17 14:15		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 30 Stewart Ave
Pace Project No.: 7010017

Sample: DUP-1 **Lab ID:** 7010017010 **Collected:** 01/25/17 00:00 **Received:** 01/26/17 14:45 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Analytical Method: EPA 8270D Preparation Method: EPA 3545A								
1,2,4-Trichlorobenzene	<75.8	ug/kg	75.8	1	01/30/17 10:30	01/31/17 01:01	120-82-1	
2,2'-Oxybis(1-chloropropane)	<75.8	ug/kg	75.8	1	01/30/17 10:30	01/31/17 01:01	108-60-1	
2,4,5-Trichlorophenol	<75.8	ug/kg	75.8	1	01/30/17 10:30	01/31/17 01:01	95-95-4	
2,4,6-Trichlorophenol	<75.8	ug/kg	75.8	1	01/30/17 10:30	01/31/17 01:01	88-06-2	
2,4-Dichlorophenol	<75.8	ug/kg	75.8	1	01/30/17 10:30	01/31/17 01:01	120-83-2	
2,4-Dimethylphenol	<75.8	ug/kg	75.8	1	01/30/17 10:30	01/31/17 01:01	105-67-9	
2,4-Dinitrophenol	<75.8	ug/kg	75.8	1	01/30/17 10:30	01/31/17 01:01	51-28-5	
2,4-Dinitrotoluene	<373	ug/kg	373	1	01/30/17 10:30	01/31/17 01:01	121-14-2	
2,6-Dinitrotoluene	<373	ug/kg	373	1	01/30/17 10:30	01/31/17 01:01	606-20-2	
2-Chloronaphthalene	<75.8	ug/kg	75.8	1	01/30/17 10:30	01/31/17 01:01	91-58-7	
2-Chlorophenol	<75.8	ug/kg	75.8	1	01/30/17 10:30	01/31/17 01:01	95-57-8	
2-Methylnaphthalene	<75.8	ug/kg	75.8	1	01/30/17 10:30	01/31/17 01:01	91-57-6	
2-Methylphenol(o-Cresol)	<75.8	ug/kg	75.8	1	01/30/17 10:30	01/31/17 01:01	95-48-7	
2-Nitroaniline	<373	ug/kg	373	1	01/30/17 10:30	01/31/17 01:01	88-74-4	
2-Nitrophenol	<373	ug/kg	373	1	01/30/17 10:30	01/31/17 01:01	88-75-5	
3&4-Methylphenol(m&p Cresol)	<75.8	ug/kg	75.8	1	01/30/17 10:30	01/31/17 01:01		
3,3'-Dichlorobenzidine	<373	ug/kg	373	1	01/30/17 10:30	01/31/17 01:01	91-94-1	CC
3-Nitroaniline	<373	ug/kg	373	1	01/30/17 10:30	01/31/17 01:01	99-09-2	
4,6-Dinitro-2-methylphenol	<75.8	ug/kg	75.8	1	01/30/17 10:30	01/31/17 01:01	534-52-1	
4-Bromophenylphenyl ether	<75.8	ug/kg	75.8	1	01/30/17 10:30	01/31/17 01:01	101-55-3	
4-Chloro-3-methylphenol	<75.8	ug/kg	75.8	1	01/30/17 10:30	01/31/17 01:01	59-50-7	
4-Chloroaniline	<373	ug/kg	373	1	01/30/17 10:30	01/31/17 01:01	106-47-8	
4-Chlorophenylphenyl ether	<75.8	ug/kg	75.8	1	01/30/17 10:30	01/31/17 01:01	7005-72-3	
4-Nitroaniline	<373	ug/kg	373	1	01/30/17 10:30	01/31/17 01:01	100-01-6	
4-Nitrophenol	<75.8	ug/kg	75.8	1	01/30/17 10:30	01/31/17 01:01	100-02-7	
Acenaphthene	<75.8	ug/kg	75.8	1	01/30/17 10:30	01/31/17 01:01	83-32-9	
Acenaphthylene	<75.8	ug/kg	75.8	1	01/30/17 10:30	01/31/17 01:01	208-96-8	
Acetophenone	<75.8	ug/kg	75.8	1	01/30/17 10:30	01/31/17 01:01	98-86-2	
Anthracene	<75.8	ug/kg	75.8	1	01/30/17 10:30	01/31/17 01:01	120-12-7	
Atrazine	<75.8	ug/kg	75.8	1	01/30/17 10:30	01/31/17 01:01	1912-24-9	IC
Benzaldehyde	<75.8	ug/kg	75.8	1	01/30/17 10:30	01/31/17 01:01	100-52-7	CC,L2
Benzo(a)anthracene	<75.8	ug/kg	75.8	1	01/30/17 10:30	01/31/17 01:01	56-55-3	
Benzo(a)pyrene	<75.8	ug/kg	75.8	1	01/30/17 10:30	01/31/17 01:01	50-32-8	
Benzo(b)fluoranthene	<75.8	ug/kg	75.8	1	01/30/17 10:30	01/31/17 01:01	205-99-2	
Benzo(g,h,i)perylene	<75.8	ug/kg	75.8	1	01/30/17 10:30	01/31/17 01:01	191-24-2	
Benzo(k)fluoranthene	<75.8	ug/kg	75.8	1	01/30/17 10:30	01/31/17 01:01	207-08-9	
Biphenyl (Diphenyl)	<75.8	ug/kg	75.8	1	01/30/17 10:30	01/31/17 01:01	92-52-4	
Butylbenzylphthalate	<75.8	ug/kg	75.8	1	01/30/17 10:30	01/31/17 01:01	85-68-7	
Caprolactam	<75.8	ug/kg	75.8	1	01/30/17 10:30	01/31/17 01:01	105-60-2	
Carbazole	<75.8	ug/kg	75.8	1	01/30/17 10:30	01/31/17 01:01	86-74-8	
Chrysene	<75.8	ug/kg	75.8	1	01/30/17 10:30	01/31/17 01:01	218-01-9	
Di-n-butylphthalate	<75.8	ug/kg	75.8	1	01/30/17 10:30	01/31/17 01:01	84-74-2	
Di-n-octylphthalate	<75.8	ug/kg	75.8	1	01/30/17 10:30	01/31/17 01:01	117-84-0	
Dibenz(a,h)anthracene	<75.8	ug/kg	75.8	1	01/30/17 10:30	01/31/17 01:01	53-70-3	
Dibenzofuran	<75.8	ug/kg	75.8	1	01/30/17 10:30	01/31/17 01:01	132-64-9	
Diethylphthalate	<75.8	ug/kg	75.8	1	01/30/17 10:30	01/31/17 01:01	84-66-2	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 30 Stewart Ave
Pace Project No.: 7010017

Sample: DUP-1 **Lab ID:** 7010017010 **Collected:** 01/25/17 00:00 **Received:** 01/26/17 14:45 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Analytical Method: EPA 8270D Preparation Method: EPA 3545A								
Dimethylphthalate	<75.8	ug/kg	75.8	1	01/30/17 10:30	01/31/17 01:01	131-11-3	
Fluoranthene	<75.8	ug/kg	75.8	1	01/30/17 10:30	01/31/17 01:01	206-44-0	
Fluorene	<75.8	ug/kg	75.8	1	01/30/17 10:30	01/31/17 01:01	86-73-7	
Hexachloro-1,3-butadiene	<75.8	ug/kg	75.8	1	01/30/17 10:30	01/31/17 01:01	87-68-3	
Hexachlorobenzene	<75.8	ug/kg	75.8	1	01/30/17 10:30	01/31/17 01:01	118-74-1	
Hexachlorocyclopentadiene	<373	ug/kg	373	1	01/30/17 10:30	01/31/17 01:01	77-47-4	L3
Hexachloroethane	<75.8	ug/kg	75.8	1	01/30/17 10:30	01/31/17 01:01	67-72-1	
Indeno(1,2,3-cd)pyrene	<75.8	ug/kg	75.8	1	01/30/17 10:30	01/31/17 01:01	193-39-5	
Isophorone	<75.8	ug/kg	75.8	1	01/30/17 10:30	01/31/17 01:01	78-59-1	
N-Nitroso-di-n-propylamine	<75.8	ug/kg	75.8	1	01/30/17 10:30	01/31/17 01:01	621-64-7	
N-Nitrosodiphenylamine	<75.8	ug/kg	75.8	1	01/30/17 10:30	01/31/17 01:01	86-30-6	
Naphthalene	<75.8	ug/kg	75.8	1	01/30/17 10:30	01/31/17 01:01	91-20-3	
Nitrobenzene	<75.8	ug/kg	75.8	1	01/30/17 10:30	01/31/17 01:01	98-95-3	
Pentachlorophenol	<758	ug/kg	758	1	01/30/17 10:30	01/31/17 01:01	87-86-5	IC
Phenanthrene	<75.8	ug/kg	75.8	1	01/30/17 10:30	01/31/17 01:01	85-01-8	
Phenol	<75.8	ug/kg	75.8	1	01/30/17 10:30	01/31/17 01:01	108-95-2	
Pyrene	<75.8	ug/kg	75.8	1	01/30/17 10:30	01/31/17 01:01	129-00-0	
bis(2-Chloroethoxy)methane	<75.8	ug/kg	75.8	1	01/30/17 10:30	01/31/17 01:01	111-91-1	
bis(2-Chloroethyl) ether	<75.8	ug/kg	75.8	1	01/30/17 10:30	01/31/17 01:01	111-44-4	
bis(2-Ethylhexyl)phthalate	<75.8	ug/kg	75.8	1	01/30/17 10:30	01/31/17 01:01	117-81-7	
Surrogates								
Nitrobenzene-d5 (S)	48	%	23-120	1	01/30/17 10:30	01/31/17 01:01	4165-60-0	
2-Fluorobiphenyl (S)	52	%	30-115	1	01/30/17 10:30	01/31/17 01:01	321-60-8	
p-Terphenyl-d14 (S)	75	%	18-137	1	01/30/17 10:30	01/31/17 01:01	1718-51-0	
Phenol-d5 (S)	58	%	24-113	1	01/30/17 10:30	01/31/17 01:01	4165-62-2	
2-Fluorophenol (S)	55	%	25-121	1	01/30/17 10:30	01/31/17 01:01	367-12-4	
2,4,6-Tribromophenol (S)	48	%	19-122	1	01/30/17 10:30	01/31/17 01:01	118-79-6	
2-Chlorophenol-d4 (S)	55	%	20-130	1	01/30/17 10:30	01/31/17 01:01	93951-73-6	
1,2-Dichlorobenzene-d4 (S)	33	%	20-130	1	01/30/17 10:30	01/31/17 01:01	2199-69-1	
Tentatively Identified Compounds								
3-Penten-2-one, 4-methyl	183	ug/kg		1	01/30/17 10:30	01/31/17 01:01	141-79-7	N
2-Pentanone, 4-hydroxy-4	9060	ug/kg		1	01/30/17 10:30	01/31/17 01:01	123-42-2	N
Unknown Organic Acid	262	ug/kg		1	01/30/17 10:30	01/31/17 01:01		N
9-Octadecenamide, (Z)-	195	ug/kg		1	01/30/17 10:30	01/31/17 01:01	301-02-0	N
8260C MSV 5035A-L Low Level Analytical Method: EPA 8260C Preparation Method: EPA 5035A-L								
1,1,1-Trichloroethane	<1.9	ug/kg	1.9	1	01/29/17 09:05	01/29/17 22:50	71-55-6	
1,1,2,2-Tetrachloroethane	<1.9	ug/kg	1.9	1	01/29/17 09:05	01/29/17 22:50	79-34-5	
1,1,2-Trichloroethane	<1.9	ug/kg	1.9	1	01/29/17 09:05	01/29/17 22:50	79-00-5	
1,1,2-Trichlorotrifluoroethane	<1.9	ug/kg	1.9	1	01/29/17 09:05	01/29/17 22:50	76-13-1	
1,1-Dichloroethane	<1.9	ug/kg	1.9	1	01/29/17 09:05	01/29/17 22:50	75-34-3	
1,1-Dichloroethene	<1.9	ug/kg	1.9	1	01/29/17 09:05	01/29/17 22:50	75-35-4	
1,2,4-Trichlorobenzene	<1.9	ug/kg	1.9	1	01/29/17 09:05	01/29/17 22:50	120-82-1	
1,2-Dibromo-3-chloropropane	<1.9	ug/kg	1.9	1	01/29/17 09:05	01/29/17 22:50	96-12-8	
1,2-Dibromoethane (EDB)	<1.9	ug/kg	1.9	1	01/29/17 09:05	01/29/17 22:50	106-93-4	
1,2-Dichlorobenzene	<1.9	ug/kg	1.9	1	01/29/17 09:05	01/29/17 22:50	95-50-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 30 Stewart Ave
Pace Project No.: 7010017

Sample: DUP-1 **Lab ID:** 7010017010 **Collected:** 01/25/17 00:00 **Received:** 01/26/17 14:45 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C MSV 5035A-L Low Level		Analytical Method: EPA 8260C Preparation Method: EPA 5035A-L						
1,2-Dichloroethane	<1.9	ug/kg	1.9	1	01/29/17 09:05	01/29/17 22:50	107-06-2	
1,2-Dichloropropane	<1.9	ug/kg	1.9	1	01/29/17 09:05	01/29/17 22:50	78-87-5	
1,3-Dichlorobenzene	<1.9	ug/kg	1.9	1	01/29/17 09:05	01/29/17 22:50	541-73-1	
1,4-Dichlorobenzene	<1.9	ug/kg	1.9	1	01/29/17 09:05	01/29/17 22:50	106-46-7	
2-Butanone (MEK)	<1.9	ug/kg	1.9	1	01/29/17 09:05	01/29/17 22:50	78-93-3	
2-Hexanone	<1.9	ug/kg	1.9	1	01/29/17 09:05	01/29/17 22:50	591-78-6	
4-Methyl-2-pentanone (MIBK)	<1.9	ug/kg	1.9	1	01/29/17 09:05	01/29/17 22:50	108-10-1	
Acetone	5.4	ug/kg	1.9	1	01/29/17 09:05	01/29/17 22:50	67-64-1	
Benzene	<1.9	ug/kg	1.9	1	01/29/17 09:05	01/29/17 22:50	71-43-2	
Bromodichloromethane	<1.9	ug/kg	1.9	1	01/29/17 09:05	01/29/17 22:50	75-27-4	
Bromoform	<1.9	ug/kg	1.9	1	01/29/17 09:05	01/29/17 22:50	75-25-2	
Bromomethane	<1.9	ug/kg	1.9	1	01/29/17 09:05	01/29/17 22:50	74-83-9	
Carbon disulfide	<1.9	ug/kg	1.9	1	01/29/17 09:05	01/29/17 22:50	75-15-0	
Carbon tetrachloride	<1.9	ug/kg	1.9	1	01/29/17 09:05	01/29/17 22:50	56-23-5	
Chlorobenzene	<1.9	ug/kg	1.9	1	01/29/17 09:05	01/29/17 22:50	108-90-7	
Chloroethane	<1.9	ug/kg	1.9	1	01/29/17 09:05	01/29/17 22:50	75-00-3	
Chloroform	<1.9	ug/kg	1.9	1	01/29/17 09:05	01/29/17 22:50	67-66-3	
Chloromethane	<1.9	ug/kg	1.9	1	01/29/17 09:05	01/29/17 22:50	74-87-3	
Cyclohexane	<1.9	ug/kg	1.9	1	01/29/17 09:05	01/29/17 22:50	110-82-7	
Dibromochloromethane	<1.9	ug/kg	1.9	1	01/29/17 09:05	01/29/17 22:50	124-48-1	
Dichlorodifluoromethane	<1.9	ug/kg	1.9	1	01/29/17 09:05	01/29/17 22:50	75-71-8	
Ethylbenzene	<1.9	ug/kg	1.9	1	01/29/17 09:05	01/29/17 22:50	100-41-4	
Isopropylbenzene (Cumene)	<1.9	ug/kg	1.9	1	01/29/17 09:05	01/29/17 22:50	98-82-8	
Methyl acetate	<1.9	ug/kg	1.9	1	01/29/17 09:05	01/29/17 22:50	79-20-9	
Methyl-tert-butyl ether	<1.9	ug/kg	1.9	1	01/29/17 09:05	01/29/17 22:50	1634-04-4	
Methylcyclohexane	<1.9	ug/kg	1.9	1	01/29/17 09:05	01/29/17 22:50	108-87-2	
Methylene Chloride	<1.9	ug/kg	1.9	1	01/29/17 09:05	01/29/17 22:50	75-09-2	
Styrene	<1.9	ug/kg	1.9	1	01/29/17 09:05	01/29/17 22:50	100-42-5	
Tetrachloroethene	<1.9	ug/kg	1.9	1	01/29/17 09:05	01/29/17 22:50	127-18-4	
Toluene	<1.9	ug/kg	1.9	1	01/29/17 09:05	01/29/17 22:50	108-88-3	
Trichloroethene	<1.9	ug/kg	1.9	1	01/29/17 09:05	01/29/17 22:50	79-01-6	
Trichlorofluoromethane	<1.9	ug/kg	1.9	1	01/29/17 09:05	01/29/17 22:50	75-69-4	
Vinyl chloride	<1.9	ug/kg	1.9	1	01/29/17 09:05	01/29/17 22:50	75-01-4	
Xylene (Total)	<1.9	ug/kg	1.9	1	01/29/17 09:05	01/29/17 22:50	1330-20-7	
cis-1,2-Dichloroethene	<1.9	ug/kg	1.9	1	01/29/17 09:05	01/29/17 22:50	156-59-2	
cis-1,3-Dichloropropene	<1.9	ug/kg	1.9	1	01/29/17 09:05	01/29/17 22:50	10061-01-5	
trans-1,2-Dichloroethene	<1.9	ug/kg	1.9	1	01/29/17 09:05	01/29/17 22:50	156-60-5	
trans-1,3-Dichloropropene	<1.9	ug/kg	1.9	1	01/29/17 09:05	01/29/17 22:50	10061-02-6	
Surrogates								
Toluene-d8 (S)	103	%	43-157	1	01/29/17 09:05	01/29/17 22:50	2037-26-5	
4-Bromofluorobenzene (S)	99	%	34-145	1	01/29/17 09:05	01/29/17 22:50	460-00-4	
1,2-Dichloroethane-d4 (S)	123	%	33-150	1	01/29/17 09:05	01/29/17 22:50	17060-07-0	

Percent Moisture

Analytical Method: ASTM D2216-92

Percent Moisture	11.6	%	0.10	1	01/31/17 14:15
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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 30 Stewart Ave

Pace Project No.: 7010017

QC Batch: 12373

Analysis Method: EPA 7471B

QC Batch Method: EPA 7471B

Analysis Description: 7471 Mercury

Associated Lab Samples: 7010017004, 7010017009

METHOD BLANK: 61867

Matrix: Solid

Associated Lab Samples: 7010017004, 7010017009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	mg/kg	<0.035	0.035	02/02/17 15:09	

LABORATORY CONTROL SAMPLE: 61868

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/kg	.18	0.15	87	80-120	

MATRIX SPIKE SAMPLE: 61869

Parameter	Units	7010017009 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Mercury	mg/kg	<0.048	.23	0.27	112	80-120	

SAMPLE DUPLICATE: 61870

Parameter	Units	7010017009 Result	Dup Result	RPD	Qualifiers
Mercury	mg/kg	<0.048	<0.048		

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QUALITY CONTROL DATA

Project: 30 Stewart Ave

Pace Project No.: 7010017

QC Batch:	12372	Analysis Method:	EPA 6010C
QC Batch Method:	EPA 3050B	Analysis Description:	6010 MET
Associated Lab Samples:	7010017004, 7010017009		

METHOD BLANK: 61861 Matrix: Solid

Associated Lab Samples: 7010017004, 7010017009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aluminum	mg/kg	<10.0	10.0	02/02/17 00:30	
Antimony	mg/kg	<3.0	3.0	02/02/17 00:30	
Arsenic	mg/kg	<0.50	0.50	02/02/17 00:30	
Barium	mg/kg	<10.0	10.0	02/02/17 00:30	
Beryllium	mg/kg	<0.25	0.25	02/02/17 00:30	
Cadmium	mg/kg	<0.12	0.12	02/02/17 00:30	
Calcium	mg/kg	<50.0	50.0	02/02/17 00:30	
Chromium	mg/kg	<0.50	0.50	02/02/17 00:30	
Cobalt	mg/kg	<2.5	2.5	02/02/17 00:30	
Copper	mg/kg	<1.2	1.2	02/02/17 00:30	
Iron	mg/kg	<5.0	5.0	02/02/17 00:30	
Lead	mg/kg	<0.25	0.25	02/02/17 00:30	
Magnesium	mg/kg	<50.0	50.0	02/02/17 00:30	
Manganese	mg/kg	<0.75	0.75	02/02/17 00:30	
Nickel	mg/kg	<2.0	2.0	02/02/17 00:30	
Potassium	mg/kg	<250	250	02/02/17 00:30	
Selenium	mg/kg	<0.50	0.50	02/02/17 00:30	
Silver	mg/kg	<0.50	0.50	02/02/17 00:30	
Sodium	mg/kg	157J	250	02/02/17 00:30	
Thallium	mg/kg	<0.50	0.50	02/02/17 00:30	
Vanadium	mg/kg	<2.5	2.5	02/02/17 00:30	
Zinc	mg/kg	0.41J	1.0	02/02/17 00:30	

LABORATORY CONTROL SAMPLE: 61862

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Aluminum	mg/kg	8060	6540	81	80-120	
Antimony	mg/kg	123	77.9	64	1-200	
Arsenic	mg/kg	145	138	95	80-120	
Barium	mg/kg	208	197	95	80-120	
Beryllium	mg/kg	97	96.5	99	80-120	
Cadmium	mg/kg	87.3	83.0	95	80-120	
Calcium	mg/kg	5670	5630	99	80-120	
Chromium	mg/kg	143	136	95	80-120	
Cobalt	mg/kg	154	149	97	80-120	
Copper	mg/kg	172	162	94	80-120	
Iron	mg/kg	15000	13400	90	46.8-154	
Lead	mg/kg	146	141	97	80-120	
Magnesium	mg/kg	2630	2460	93	80-120	
Manganese	mg/kg	308	281	91	80-120	

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QUALITY CONTROL DATA

Project: 30 Stewart Ave
Pace Project No.: 7010017

LABORATORY CONTROL SAMPLE: 61862

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nickel	mg/kg	129	125	98	80-120	
Potassium	mg/kg	2390	2460	103	71.6-128	
Selenium	mg/kg	177	167	94	80-120	
Silver	mg/kg	31.2	29.9	96	80-120	
Sodium	mg/kg	866	821	95	73-127	
Thallium	mg/kg	141	137	98	80-120	
Vanadium	mg/kg	115	105	92	80-120	
Zinc	mg/kg	193	181	94	80-120	

MATRIX SPIKE SAMPLE: 61864

Parameter	Units	7010017009 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Aluminum	mg/kg	12300	323	18400	1890	75-125	M1
Antimony	mg/kg	<3.9	48.4	19.2	40	75-125	M1
Arsenic	mg/kg	6.8	32.3	34.8	87	75-125	
Barium	mg/kg	60.8	32.3	81.7	65	75-125	M1
Beryllium	mg/kg	1.4	3.2	4.4	93	75-125	
Cadmium	mg/kg	0.25	3.2	3.2	92	75-125	
Calcium	mg/kg	359	1610	1880	94	75-125	
Chromium	mg/kg	16.4	16.1	31.5	94	75-125	
Cobalt	mg/kg	7.1	32.3	37.0	93	75-125	
Copper	mg/kg	17.6	16.1	30.0	77	75-125	
Iron	mg/kg	21900	129	19800	-1590	75-125	M1
Lead	mg/kg	7.8	32.3	38.1	94	75-125	
Magnesium	mg/kg	2110	1610	3480	85	75-125	
Manganese	mg/kg	278	16.1	243	-212	75-125	M1
Nickel	mg/kg	10.9	16.1	27.0	100	75-125	
Potassium	mg/kg	2030	3230	4700	83	75-125	
Selenium	mg/kg	<0.65	48.4	42.8	88	75-125	
Silver	mg/kg	<0.65	16.1	13.5	84	75-125	
Sodium	mg/kg	<323	3230	2860	89	75-125	
Thallium	mg/kg	<0.65	48.4	44.3	92	75-125	
Vanadium	mg/kg	25.2	32.3	53.6	88	75-125	
Zinc	mg/kg	28.3	64.5	82.6	84	75-125	

SAMPLE DUPLICATE: 61863

Parameter	Units	7010017009 Result	Dup Result	RPD	Qualifiers
Aluminum	mg/kg	12300	13200	7	
Antimony	mg/kg	<3.9	<3.9		
Arsenic	mg/kg	6.8	6.7	2	
Barium	mg/kg	60.8	59.3	2	
Beryllium	mg/kg	1.4	1.6	8	
Cadmium	mg/kg	0.25	0.27	5	

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QUALITY CONTROL DATA

Project: 30 Stewart Ave

Pace Project No.: 7010017

SAMPLE DUPLICATE: 61863

Parameter	Units	7010017009 Result	Dup Result	RPD	Qualifiers
Calcium	mg/kg	359	424	17	
Chromium	mg/kg	16.4	17.0	4	
Cobalt	mg/kg	7.1	7.5	6	
Copper	mg/kg	17.6	18.2	4	
Iron	mg/kg	21900	22100	1	
Lead	mg/kg	7.8	8.4	8	
Magnesium	mg/kg	2110	2280	8	
Manganese	mg/kg	278	270	3	
Nickel	mg/kg	10.9	11.6	6	
Potassium	mg/kg	2030	2200	8	
Selenium	mg/kg	<0.65	<0.64		
Silver	mg/kg	<0.65	<0.64		
Sodium	mg/kg	<323	80.0J		
Thallium	mg/kg	<0.65	<0.64		
Vanadium	mg/kg	25.2	26.4	5	
Zinc	mg/kg	28.3	32.1	13	

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QUALITY CONTROL DATA

Project: 30 Stewart Ave
Pace Project No.: 7010017

QC Batch: 12145 Analysis Method: EPA 8260C
QC Batch Method: EPA 5035A-L Analysis Description: 8260 MSV 5035A-L Low Level
Associated Lab Samples: 7010017002, 7010017003, 7010017004, 7010017005, 7010017006, 7010017007, 7010017008, 7010017009, 7010017010

METHOD BLANK: 61057 Matrix: Solid
Associated Lab Samples: 7010017002, 7010017003, 7010017004, 7010017005, 7010017006, 7010017007, 7010017008, 7010017009, 7010017010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/kg	<2.0	2.0	01/29/17 13:25	
1,1,2,2-Tetrachloroethane	ug/kg	<2.0	2.0	01/29/17 13:25	
1,1,2-Trichloroethane	ug/kg	<2.0	2.0	01/29/17 13:25	
1,1,2-Trichlorotrifluoroethane	ug/kg	<2.0	2.0	01/29/17 13:25	
1,1-Dichloroethane	ug/kg	<2.0	2.0	01/29/17 13:25	
1,1-Dichloroethene	ug/kg	<2.0	2.0	01/29/17 13:25	
1,2,4-Trichlorobenzene	ug/kg	<2.0	2.0	01/29/17 13:25	
1,2-Dibromo-3-chloropropane	ug/kg	<2.0	2.0	01/29/17 13:25	
1,2-Dibromoethane (EDB)	ug/kg	<2.0	2.0	01/29/17 13:25	
1,2-Dichlorobenzene	ug/kg	<2.0	2.0	01/29/17 13:25	
1,2-Dichloroethane	ug/kg	<2.0	2.0	01/29/17 13:25	
1,2-Dichloropropane	ug/kg	<2.0	2.0	01/29/17 13:25	
1,3-Dichlorobenzene	ug/kg	<2.0	2.0	01/29/17 13:25	
1,4-Dichlorobenzene	ug/kg	<2.0	2.0	01/29/17 13:25	
2-Butanone (MEK)	ug/kg	<2.0	2.0	01/29/17 13:25	
2-Hexanone	ug/kg	<2.0	2.0	01/29/17 13:25	
4-Methyl-2-pentanone (MIBK)	ug/kg	<2.0	2.0	01/29/17 13:25	
Acetone	ug/kg	<2.0	2.0	01/29/17 13:25	
Benzene	ug/kg	<2.0	2.0	01/29/17 13:25	
Bromodichloromethane	ug/kg	<2.0	2.0	01/29/17 13:25	
Bromoform	ug/kg	<2.0	2.0	01/29/17 13:25	
Bromomethane	ug/kg	<2.0	2.0	01/29/17 13:25	
Carbon disulfide	ug/kg	<2.0	2.0	01/29/17 13:25	
Carbon tetrachloride	ug/kg	<2.0	2.0	01/29/17 13:25	
Chlorobenzene	ug/kg	<2.0	2.0	01/29/17 13:25	
Chloroethane	ug/kg	<2.0	2.0	01/29/17 13:25	
Chloroform	ug/kg	<2.0	2.0	01/29/17 13:25	
Chloromethane	ug/kg	<2.0	2.0	01/29/17 13:25	
cis-1,2-Dichloroethene	ug/kg	<2.0	2.0	01/29/17 13:25	
cis-1,3-Dichloropropene	ug/kg	<2.0	2.0	01/29/17 13:25	
Cyclohexane	ug/kg	<2.0	2.0	01/29/17 13:25	
Dibromochloromethane	ug/kg	<2.0	2.0	01/29/17 13:25	
Dichlorodifluoromethane	ug/kg	<2.0	2.0	01/29/17 13:25	
Ethylbenzene	ug/kg	<2.0	2.0	01/29/17 13:25	
Isopropylbenzene (Cumene)	ug/kg	<2.0	2.0	01/29/17 13:25	
Methyl acetate	ug/kg	<2.0	2.0	01/29/17 13:25	
Methyl-tert-butyl ether	ug/kg	<2.0	2.0	01/29/17 13:25	
Methylcyclohexane	ug/kg	<2.0	2.0	01/29/17 13:25	
Methylene Chloride	ug/kg	<2.0	2.0	01/29/17 13:25	
Styrene	ug/kg	<2.0	2.0	01/29/17 13:25	

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QUALITY CONTROL DATA

Project: 30 Stewart Ave
Pace Project No.: 7010017

METHOD BLANK: 61057

Matrix: Solid

Associated Lab Samples: 7010017002, 7010017003, 7010017004, 7010017005, 7010017006, 7010017007, 7010017008, 7010017009, 7010017010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Tetrachloroethene	ug/kg	<2.0	2.0	01/29/17 13:25	
Toluene	ug/kg	<2.0	2.0	01/29/17 13:25	
trans-1,2-Dichloroethene	ug/kg	<2.0	2.0	01/29/17 13:25	
trans-1,3-Dichloropropene	ug/kg	<2.0	2.0	01/29/17 13:25	
Trichloroethene	ug/kg	<2.0	2.0	01/29/17 13:25	
Trichlorofluoromethane	ug/kg	<2.0	2.0	01/29/17 13:25	
Vinyl chloride	ug/kg	<2.0	2.0	01/29/17 13:25	
Xylene (Total)	ug/kg	<2.0	2.0	01/29/17 13:25	
1,2-Dichloroethane-d4 (S)	%	110	33-150	01/29/17 13:25	
4-Bromofluorobenzene (S)	%	98	34-145	01/29/17 13:25	
Toluene-d8 (S)	%	101	43-157	01/29/17 13:25	

LABORATORY CONTROL SAMPLE: 61058

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/kg	50	54.7	109	59-134	
1,1,2,2-Tetrachloroethane	ug/kg	50	57.0	114	69-132	
1,1,2-Trichloroethane	ug/kg	50	58.1	116	73-135	
1,1,2-Trichlorotrifluoroethane	ug/kg	50	51.1	102	45-156	
1,1-Dichloroethane	ug/kg	50	53.8	108	53-160	
1,1-Dichloroethene	ug/kg	50	51.3	103	47-152	
1,2,4-Trichlorobenzene	ug/kg	50	53.8	108	52-140	
1,2-Dibromo-3-chloropropane	ug/kg	50	59.9	120	57-140	
1,2-Dibromoethane (EDB)	ug/kg	50	56.9	114	76-138	
1,2-Dichlorobenzene	ug/kg	50	54.3	109	67-125	
1,2-Dichloroethane	ug/kg	50	56.8	114	65-143	
1,2-Dichloropropane	ug/kg	50	55.9	112	72-131	
1,3-Dichlorobenzene	ug/kg	50	55.2	110	64-124	
1,4-Dichlorobenzene	ug/kg	50	54.9	110	61-127	
2-Butanone (MEK)	ug/kg	50	53.1	106	52-164	
2-Hexanone	ug/kg	50	48.3	97	66-151	
4-Methyl-2-pentanone (MIBK)	ug/kg	50	58.5	117	63-154	
Acetone	ug/kg	50	40.0	80	23-196	
Benzene	ug/kg	50	55.4	111	65-129	
Bromodichloromethane	ug/kg	50	60.7	121	74-141	
Bromoform	ug/kg	50	63.9	128	59-136	CC
Bromomethane	ug/kg	50	71.8	144	32-182	CC
Carbon disulfide	ug/kg	50	53.5	107	26-160	
Carbon tetrachloride	ug/kg	50	57.4	115	57-135	
Chlorobenzene	ug/kg	50	55.9	112	62-136	
Chloroethane	ug/kg	50	49.7	99	50-159	
Chloroform	ug/kg	50	55.0	110	71-135	
Chloromethane	ug/kg	50	54.6	109	44-139	

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QUALITY CONTROL DATA

Project: 30 Stewart Ave
Pace Project No.: 7010017

LABORATORY CONTROL SAMPLE: 61058

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
cis-1,2-Dichloroethene	ug/kg	50	55.2	110	75-130	
cis-1,3-Dichloropropene	ug/kg	50	59.2	118	74-140	
Cyclohexane	ug/kg	50	46.6	93	21-139	
Dibromochloromethane	ug/kg	50	62.7	125	71-133	CC
Dichlorodifluoromethane	ug/kg	50	59.6	119	10-155	CC
Ethylbenzene	ug/kg	50	55.3	111	59-135	
Isopropylbenzene (Cumene)	ug/kg	50	53.9	108	56-129	
Methyl acetate	ug/kg	50	50.2	100	33-176	
Methyl-tert-butyl ether	ug/kg	50	60.2	120	25-171	CC
Methylcyclohexane	ug/kg	50	50.6	101	24-141	
Methylene Chloride	ug/kg	50	51.0	102	50-164	
Styrene	ug/kg	50	56.8	114	73-133	
Tetrachloroethene	ug/kg	50	54.7	109	10-176	
Toluene	ug/kg	50	54.7	109	66-131	
trans-1,2-Dichloroethene	ug/kg	50	54.8	110	53-157	
trans-1,3-Dichloropropene	ug/kg	50	59.2	118	66-144	
Trichloroethene	ug/kg	50	54.4	109	62-130	
Trichlorofluoromethane	ug/kg	50	50.3	101	38-166	
Vinyl chloride	ug/kg	50	51.2	102	45-137	
Xylene (Total)	ug/kg	150	167	111	62-135	
1,2-Dichloroethane-d4 (S)	%			95	33-150	
4-Bromofluorobenzene (S)	%			100	34-145	
Toluene-d8 (S)	%			101	43-157	

MATRIX SPIKE SAMPLE: 61451

Parameter	Units	7010101004 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/kg	<1.7	45	61.1	136	59-134	M1
1,1,2,2-Tetrachloroethane	ug/kg	<1.7	45	43.8	97	69-132	
1,1,2-Trichloroethane	ug/kg	<1.7	45	46.2	103	73-135	
1,1,2-Trichlorotrifluoroethane	ug/kg	<1.7	45	50.6	112	45-156	
1,1-Dichloroethane	ug/kg	<1.7	45	53.8	120	53-160	
1,1-Dichloroethene	ug/kg	<1.7	45	52.5	117	47-152	
1,2,4-Trichlorobenzene	ug/kg	<1.7	45	44.6	99	52-140	
1,2-Dibromo-3-chloropropane	ug/kg	<1.7	45	35.3	78	57-140	
1,2-Dibromoethane (EDB)	ug/kg	<1.7	45	44.7	99	76-138	
1,2-Dichlorobenzene	ug/kg	<1.7	45	47.4	106	67-125	
1,2-Dichloroethane	ug/kg	<1.7	45	51.1	114	65-143	
1,2-Dichloropropane	ug/kg	<1.7	45	49.8	111	72-131	
1,3-Dichlorobenzene	ug/kg	<1.7	45	48.0	107	64-124	
1,4-Dichlorobenzene	ug/kg	<1.7	45	46.9	104	61-127	
2-Butanone (MEK)	ug/kg	<1.7	45	45.9	102	52-164	
2-Hexanone	ug/kg	<1.7	45	39.7	88	66-151	
4-Methyl-2-pentanone (MIBK)	ug/kg	<1.7	45	45.7	102	63-154	
Acetone	ug/kg	12.3	45	38.3	58	23-196	

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QUALITY CONTROL DATA

Project: 30 Stewart Ave
Pace Project No.: 7010017

MATRIX SPIKE SAMPLE: 61451		7010101004	Spike	MS	MS	% Rec	
Parameter	Units	Result	Conc.	Result	% Rec	Limits	Qualifiers
Benzene	ug/kg	<1.7	45	63.8	142	65-129	M1
Bromodichloromethane	ug/kg	<1.7	45	49.2	109	74-141	
Bromoform	ug/kg	<1.7	45	49.9	111	59-136	CC
Bromomethane	ug/kg	<1.7	45	72.8	162	32-182	CC
Carbon disulfide	ug/kg	<1.7	45	54.8	122	26-160	
Carbon tetrachloride	ug/kg	<1.7	45	61.6	137	57-135	M1
Chlorobenzene	ug/kg	<1.7	45	52.0	116	62-136	
Chloroethane	ug/kg	<1.7	45	53.7	120	50-159	
Chloroform	ug/kg	<1.7	45	52.3	116	71-135	
Chloromethane	ug/kg	<1.7	45	59.7	133	44-139	
cis-1,2-Dichloroethene	ug/kg	<1.7	45	54.1	120	75-130	
cis-1,3-Dichloropropene	ug/kg	<1.7	45	50.9	113	74-140	
Cyclohexane	ug/kg	<1.7	45	55.2	123	21-139	
Dibromochloromethane	ug/kg	<1.7	45	53.1	118	71-133	CC
Dichlorodifluoromethane	ug/kg	<1.7	45	54.0	120	10-155	CC
Ethylbenzene	ug/kg	<1.7	45	52.3	116	59-135	
Isopropylbenzene (Cumene)	ug/kg	<1.7	45	48.4	108	56-129	
Methyl acetate	ug/kg	<1.7	45	30.9	69	33-176	
Methyl-tert-butyl ether	ug/kg	<1.7	45	57.7	128	25-171	CC
Methylcyclohexane	ug/kg	<1.7	45	47.1	105	24-141	
Methylene Chloride	ug/kg	<1.7	45	50.1	108	50-164	
Styrene	ug/kg	<1.7	45	41.9	93	73-133	
Tetrachloroethene	ug/kg	<1.7	45	53.1	118	10-176	
Toluene	ug/kg	<1.7	45	48.2	107	66-131	
trans-1,2-Dichloroethene	ug/kg	<1.7	45	54.6	121	53-157	
trans-1,3-Dichloropropene	ug/kg	<1.7	45	50.9	113	66-144	
Trichloroethene	ug/kg	<1.7	45	47.3	105	62-130	
Trichlorofluoromethane	ug/kg	<1.7	45	52.2	116	38-166	
Vinyl chloride	ug/kg	<1.7	45	54.9	122	45-137	
Xylene (Total)	ug/kg	<1.7	135	154	114	62-135	
1,2-Dichloroethane-d4 (S)	%				110	33-150	
4-Bromofluorobenzene (S)	%				100	34-145	
Toluene-d8 (S)	%				104	43-157	

SAMPLE DUPLICATE: 61450

Parameter	Units	7010101002	Dup	RPD	Qualifiers
		Result	Result		
1,1,1-Trichloroethane	ug/kg	<2.2	<2.2		
1,1,2,2-Tetrachloroethane	ug/kg	<2.2	<2.2		
1,1,2-Trichloroethane	ug/kg	<2.2	<2.2		
1,1,2-Trichlorotrifluoroethane	ug/kg	<2.2	<2.2		
1,1-Dichloroethane	ug/kg	<2.2	<2.2		
1,1-Dichloroethene	ug/kg	<2.2	<2.2		
1,2,4-Trichlorobenzene	ug/kg	<2.2	<2.2		
1,2-Dibromo-3-chloropropane	ug/kg	<2.2	<2.2		

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QUALITY CONTROL DATA

Project: 30 Stewart Ave

Pace Project No.: 7010017

SAMPLE DUPLICATE: 61450

Parameter	Units	7010101002 Result	Dup Result	RPD	Qualifiers
1,2-Dibromoethane (EDB)	ug/kg	<2.2	<2.2		
1,2-Dichlorobenzene	ug/kg	<2.2	<2.2		
1,2-Dichloroethane	ug/kg	<2.2	<2.2		
1,2-Dichloropropane	ug/kg	<2.2	<2.2		
1,3-Dichlorobenzene	ug/kg	<2.2	<2.2		
1,4-Dichlorobenzene	ug/kg	<2.2	<2.2		
2-Butanone (MEK)	ug/kg	<2.2	<2.2		
2-Hexanone	ug/kg	<2.2	<2.2		
4-Methyl-2-pentanone (MIBK)	ug/kg	<2.2	<2.2		
Acetone	ug/kg	13.0	6.8	63 D6	
Benzene	ug/kg	<2.2	<2.2		
Bromodichloromethane	ug/kg	<2.2	<2.2		
Bromoform	ug/kg	<2.2	<2.2		
Bromomethane	ug/kg	<2.2	<2.2		
Carbon disulfide	ug/kg	<2.2	<2.2		
Carbon tetrachloride	ug/kg	<2.2	<2.2		
Chlorobenzene	ug/kg	<2.2	<2.2		
Chloroethane	ug/kg	<2.2	<2.2		
Chloroform	ug/kg	<2.2	<2.2		
Chloromethane	ug/kg	<2.2	<2.2		
cis-1,2-Dichloroethene	ug/kg	<2.2	<2.2		
cis-1,3-Dichloropropene	ug/kg	<2.2	<2.2		
Cyclohexane	ug/kg	<2.2	<2.2		
Dibromochloromethane	ug/kg	<2.2	<2.2		
Dichlorodifluoromethane	ug/kg	<2.2	<2.2		
Ethylbenzene	ug/kg	<2.2	<2.2		
Isopropylbenzene (Cumene)	ug/kg	<2.2	<2.2		
Methyl acetate	ug/kg	<2.2	<2.2		
Methyl-tert-butyl ether	ug/kg	<2.2	<2.2		
Methylcyclohexane	ug/kg	<2.2	<2.2		
Methylene Chloride	ug/kg	<2.2	1.5J		
Styrene	ug/kg	<2.2	<2.2		
Tetrachloroethene	ug/kg	<2.2	<2.2		
Toluene	ug/kg	<2.2	<2.2		
trans-1,2-Dichloroethene	ug/kg	<2.2	<2.2		
trans-1,3-Dichloropropene	ug/kg	<2.2	<2.2		
Trichloroethene	ug/kg	<2.2	<2.2		
Trichlorofluoromethane	ug/kg	<2.2	<2.2		
Vinyl chloride	ug/kg	<2.2	<2.2		
Xylene (Total)	ug/kg	<2.2	<2.2		
1,2-Dichloroethane-d4 (S)	%.	103	108	3	
4-Bromofluorobenzene (S)	%.	101	102	1	
Toluene-d8 (S)	%.	99	100	1	

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QUALITY CONTROL DATA

Project: 30 Stewart Ave
Pace Project No.: 7010017

QC Batch: 12478	Analysis Method: EPA 8260C
QC Batch Method: EPA 5035A-L	Analysis Description: 8260 MSV 5035A-L Low Level
Associated Lab Samples: 7010017001	

METHOD BLANK: 62605 Matrix: Solid
Associated Lab Samples: 7010017001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/kg	<2.0	2.0	02/01/17 12:10	
1,1,2,2-Tetrachloroethane	ug/kg	<2.0	2.0	02/01/17 12:10	
1,1,2-Trichloroethane	ug/kg	<2.0	2.0	02/01/17 12:10	
1,1,2-Trichlorotrifluoroethane	ug/kg	<2.0	2.0	02/01/17 12:10	
1,1-Dichloroethane	ug/kg	<2.0	2.0	02/01/17 12:10	
1,1-Dichloroethene	ug/kg	<2.0	2.0	02/01/17 12:10	
1,2,4-Trichlorobenzene	ug/kg	<2.0	2.0	02/01/17 12:10	
1,2-Dibromo-3-chloropropane	ug/kg	<2.0	2.0	02/01/17 12:10	
1,2-Dibromoethane (EDB)	ug/kg	<2.0	2.0	02/01/17 12:10	
1,2-Dichlorobenzene	ug/kg	<2.0	2.0	02/01/17 12:10	
1,2-Dichloroethane	ug/kg	<2.0	2.0	02/01/17 12:10	
1,2-Dichloropropane	ug/kg	<2.0	2.0	02/01/17 12:10	
1,3-Dichlorobenzene	ug/kg	<2.0	2.0	02/01/17 12:10	
1,4-Dichlorobenzene	ug/kg	<2.0	2.0	02/01/17 12:10	
2-Butanone (MEK)	ug/kg	<2.0	2.0	02/01/17 12:10	
2-Hexanone	ug/kg	<2.0	2.0	02/01/17 12:10	
4-Methyl-2-pentanone (MIBK)	ug/kg	<2.0	2.0	02/01/17 12:10	
Acetone	ug/kg	<2.0	2.0	02/01/17 12:10	
Benzene	ug/kg	<2.0	2.0	02/01/17 12:10	
Bromodichloromethane	ug/kg	<2.0	2.0	02/01/17 12:10	
Bromoform	ug/kg	<2.0	2.0	02/01/17 12:10	
Bromomethane	ug/kg	<2.0	2.0	02/01/17 12:10	
Carbon disulfide	ug/kg	<2.0	2.0	02/01/17 12:10	
Carbon tetrachloride	ug/kg	<2.0	2.0	02/01/17 12:10	
Chlorobenzene	ug/kg	<2.0	2.0	02/01/17 12:10	
Chloroethane	ug/kg	<2.0	2.0	02/01/17 12:10	
Chloroform	ug/kg	<2.0	2.0	02/01/17 12:10	
Chloromethane	ug/kg	<2.0	2.0	02/01/17 12:10	
cis-1,2-Dichloroethene	ug/kg	<2.0	2.0	02/01/17 12:10	
cis-1,3-Dichloropropene	ug/kg	<2.0	2.0	02/01/17 12:10	
Cyclohexane	ug/kg	<2.0	2.0	02/01/17 12:10	
Dibromochloromethane	ug/kg	<2.0	2.0	02/01/17 12:10	
Dichlorodifluoromethane	ug/kg	<2.0	2.0	02/01/17 12:10	
Ethylbenzene	ug/kg	<2.0	2.0	02/01/17 12:10	
Isopropylbenzene (Cumene)	ug/kg	<2.0	2.0	02/01/17 12:10	
Methyl acetate	ug/kg	<2.0	2.0	02/01/17 12:10	
Methyl-tert-butyl ether	ug/kg	<2.0	2.0	02/01/17 12:10	
Methylcyclohexane	ug/kg	<2.0	2.0	02/01/17 12:10	
Methylene Chloride	ug/kg	<2.0	2.0	02/01/17 12:10	
Styrene	ug/kg	<2.0	2.0	02/01/17 12:10	
Tetrachloroethene	ug/kg	<2.0	2.0	02/01/17 12:10	

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QUALITY CONTROL DATA

Project: 30 Stewart Ave

Pace Project No.: 7010017

METHOD BLANK: 62605

Matrix: Solid

Associated Lab Samples: 7010017001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Toluene	ug/kg	<2.0	2.0	02/01/17 12:10	
trans-1,2-Dichloroethene	ug/kg	<2.0	2.0	02/01/17 12:10	
trans-1,3-Dichloropropene	ug/kg	<2.0	2.0	02/01/17 12:10	
Trichloroethene	ug/kg	<2.0	2.0	02/01/17 12:10	
Trichlorofluoromethane	ug/kg	<2.0	2.0	02/01/17 12:10	
Vinyl chloride	ug/kg	<2.0	2.0	02/01/17 12:10	
Xylene (Total)	ug/kg	<2.0	2.0	02/01/17 12:10	
1,2-Dichloroethane-d4 (S)	%	100	33-150	02/01/17 12:10	
4-Bromofluorobenzene (S)	%	103	34-145	02/01/17 12:10	
Toluene-d8 (S)	%	106	43-157	02/01/17 12:10	

LABORATORY CONTROL SAMPLE: 62606

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/kg	50	54.1	108	59-134	
1,1,2,2-Tetrachloroethane	ug/kg	50	52.4	105	69-132	
1,1,2-Trichloroethane	ug/kg	50	56.8	114	73-135	
1,1,2-Trichlorotrifluoroethane	ug/kg	50	50.8	102	45-156	
1,1-Dichloroethane	ug/kg	50	52.4	105	53-160	
1,1-Dichloroethene	ug/kg	50	51.8	104	47-152	
1,2,4-Trichlorobenzene	ug/kg	50	48.8	98	52-140	
1,2-Dibromo-3-chloropropane	ug/kg	50	53.9	108	57-140	
1,2-Dibromoethane (EDB)	ug/kg	50	57.2	114	76-138	
1,2-Dichlorobenzene	ug/kg	50	51.4	103	67-125	
1,2-Dichloroethane	ug/kg	50	47.9	96	65-143	
1,2-Dichloropropane	ug/kg	50	53.8	108	72-131	
1,3-Dichlorobenzene	ug/kg	50	51.7	103	64-124	
1,4-Dichlorobenzene	ug/kg	50	51.6	103	61-127	
2-Butanone (MEK)	ug/kg	50	49.6	99	52-164	
2-Hexanone	ug/kg	50	45.8	92	66-151	
4-Methyl-2-pentanone (MIBK)	ug/kg	50	54.5	109	63-154	
Acetone	ug/kg	50	42.5	85	23-196	
Benzene	ug/kg	50	49.7	99	65-129	
Bromodichloromethane	ug/kg	50	58.5	117	74-141	
Bromoform	ug/kg	50	66.5	133	59-136	CC
Bromomethane	ug/kg	50	79.6	159	32-182	CC
Carbon disulfide	ug/kg	50	52.3	105	26-160	
Carbon tetrachloride	ug/kg	50	58.5	117	57-135	CC
Chlorobenzene	ug/kg	50	56.1	112	62-136	
Chloroethane	ug/kg	50	48.0	96	50-159	
Chloroform	ug/kg	50	53.6	107	71-135	
Chloromethane	ug/kg	50	51.5	103	44-139	
cis-1,2-Dichloroethene	ug/kg	50	54.5	109	75-130	
cis-1,3-Dichloropropene	ug/kg	50	56.3	113	74-140	

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QUALITY CONTROL DATA

Project: 30 Stewart Ave

Pace Project No.: 7010017

LABORATORY CONTROL SAMPLE: 62606

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Cyclohexane	ug/kg	50	46.6	93	21-139	
Dibromochloromethane	ug/kg	50	61.7	123	71-133	CC
Dichlorodifluoromethane	ug/kg	50	51.7	103	10-155	
Ethylbenzene	ug/kg	50	54.9	110	59-135	
Isopropylbenzene (Cumene)	ug/kg	50	49.6	99	56-129	
Methyl acetate	ug/kg	50	49.3	99	33-176	
Methyl-tert-butyl ether	ug/kg	50	60.1	120	25-171	
Methylcyclohexane	ug/kg	50	49.8	100	24-141	
Methylene Chloride	ug/kg	50	50.2	100	50-164	
Styrene	ug/kg	50	57.6	115	73-133	
Tetrachloroethene	ug/kg	50	56.3	113	10-176	
Toluene	ug/kg	50	52.8	106	66-131	
trans-1,2-Dichloroethene	ug/kg	50	53.8	108	53-157	
trans-1,3-Dichloropropene	ug/kg	50	56.3	113	66-144	
Trichloroethene	ug/kg	50	52.1	104	62-130	
Trichlorofluoromethane	ug/kg	50	52.3	105	38-166	
Vinyl chloride	ug/kg	50	51.6	103	45-137	
Xylene (Total)	ug/kg	150	169	113	62-135	
1,2-Dichloroethane-d4 (S)	%			96	33-150	
4-Bromofluorobenzene (S)	%			104	34-145	
Toluene-d8 (S)	%			100	43-157	

MATRIX SPIKE SAMPLE: 62607

Parameter	Units	10377795001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/kg	<2.2	57.5	59.3	103	59-134	
1,1,2,2-Tetrachloroethane	ug/kg	<2.2	57.5	1.3J	2	69-132	M1
1,1,2-Trichloroethane	ug/kg	<2.2	57.5	54.6	95	73-135	
1,1,2-Trichlorotrifluoroethane	ug/kg	<2.2	57.5	42.8	74	45-156	
1,1-Dichloroethane	ug/kg	<2.2	57.5	62.5	109	53-160	
1,1-Dichloroethene	ug/kg	<2.2	57.5	62.2	108	47-152	
1,2,4-Trichlorobenzene	ug/kg	4.2	57.5	16.4	21	52-140	M1
1,2-Dibromo-3-chloropropane	ug/kg	<2.2	57.5	33.7	59	57-140	
1,2-Dibromoethane (EDB)	ug/kg	<2.2	57.5	53.0	92	76-138	
1,2-Dichlorobenzene	ug/kg	<2.2	57.5	29.6	51	67-125	M1
1,2-Dichloroethane	ug/kg	<2.2	57.5	55.4	96	65-143	
1,2-Dichloropropane	ug/kg	<2.2	57.5	60.1	104	72-131	
1,3-Dichlorobenzene	ug/kg	<2.2	57.5	30.3	53	64-124	M1
1,4-Dichlorobenzene	ug/kg	<2.2	57.5	30.0	52	61-127	M1
2-Butanone (MEK)	ug/kg	2.3	57.5	53.1	88	52-164	
2-Hexanone	ug/kg	<2.2	57.5	42.0	73	66-151	
4-Methyl-2-pentanone (MIBK)	ug/kg	<2.2	57.5	52.3	91	63-154	
Acetone	ug/kg	31.0	57.5	47.1	26	23-196	
Benzene	ug/kg	<2.2	57.5	63.8	111	65-129	
Bromodichloromethane	ug/kg	<2.2	57.5	62.4	108	74-141	

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QUALITY CONTROL DATA

Project: 30 Stewart Ave
Pace Project No.: 7010017

MATRIX SPIKE SAMPLE: 62607		10377795001	Spike	MS	MS	% Rec	
Parameter	Units	Result	Conc.	Result	% Rec	Limits	Qualifiers
Bromoform	ug/kg	<2.2	57.5	49.8	87	59-136	CC
Bromomethane	ug/kg	<2.2	57.5	97.5	169	32-182	CC
Carbon disulfide	ug/kg	<2.2	57.5	54.5	95	26-160	
Carbon tetrachloride	ug/kg	<2.2	57.5	55.7	97	57-135	CC
Chlorobenzene	ug/kg	<2.2	57.5	46.9	82	62-136	
Chloroethane	ug/kg	<2.2	57.5	61.0	106	50-159	
Chloroform	ug/kg	<2.2	57.5	59.4	103	71-135	
Chloromethane	ug/kg	<2.2	57.5	66.7	116	44-139	
cis-1,2-Dichloroethene	ug/kg	<2.2	57.5	65.2	113	75-130	
cis-1,3-Dichloropropene	ug/kg	<2.2	57.5	59.5	103	74-140	
Cyclohexane	ug/kg	<2.2	57.5	29.0	51	21-139	
Dibromochloromethane	ug/kg	<2.2	57.5	56.0	97	71-133	CC
Dichlorodifluoromethane	ug/kg	<2.2	57.5	65.2	113	10-155	
Ethylbenzene	ug/kg	8.3	57.5	45.3	64	59-135	
Isopropylbenzene (Cumene)	ug/kg	<2.2	57.5	32.8	57	56-129	
Methyl acetate	ug/kg	<2.2	57.5	2.9	5	33-176	M1
Methyl-tert-butyl ether	ug/kg	<2.2	57.5	55.0	96	25-171	
Methylcyclohexane	ug/kg	<2.2	57.5	21.8	38	24-141	
Methylene Chloride	ug/kg	<2.2	57.5	57.6	100	50-164	
Styrene	ug/kg	<2.2	57.5	41.5	72	73-133	M1
Tetrachloroethene	ug/kg	<2.2	57.5	70.8	123	10-176	
Toluene	ug/kg	<2.2	57.5	50.8	88	66-131	
trans-1,2-Dichloroethene	ug/kg	<2.2	57.5	61.2	106	53-157	
trans-1,3-Dichloropropene	ug/kg	<2.2	57.5	59.5	103	66-144	
Trichloroethene	ug/kg	15.9	57.5	129	197	62-130	M1
Trichlorofluoromethane	ug/kg	<2.2	57.5	54.9	96	38-166	
Vinyl chloride	ug/kg	<2.2	57.5	65.8	114	45-137	
Xylene (Total)	ug/kg	62.1	173	157	53	62-135	MS
1,2-Dichloroethane-d4 (S)	%				97	33-150	
4-Bromofluorobenzene (S)	%				94	34-145	
Toluene-d8 (S)	%				108	43-157	

SAMPLE DUPLICATE: 62608

Parameter	Units	10377795003	Dup	RPD	Qualifiers
		Result	Result		
1,1,1-Trichloroethane	ug/kg	<2.3	<2.3		
1,1,2,2-Tetrachloroethane	ug/kg	<2.3	<2.3		
1,1,2-Trichloroethane	ug/kg	<2.3	<2.3		
1,1,2-Trichlorotrifluoroethane	ug/kg	<2.3	<2.3		
1,1-Dichloroethane	ug/kg	<2.3	<2.3		
1,1-Dichloroethene	ug/kg	<2.3	<2.3		
1,2,4-Trichlorobenzene	ug/kg	20.9	47.8	77 D6	
1,2-Dibromo-3-chloropropane	ug/kg	<2.3	<2.3		
1,2-Dibromoethane (EDB)	ug/kg	<2.3	<2.3		
1,2-Dichlorobenzene	ug/kg	<2.3	<2.3		

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QUALITY CONTROL DATA

Project: 30 Stewart Ave

Pace Project No.: 7010017

SAMPLE DUPLICATE: 62608

Parameter	Units	10377795003 Result	Dup Result	RPD	Qualifiers
1,2-Dichloroethane	ug/kg	<2.3	<2.3		
1,2-Dichloropropane	ug/kg	<2.3	<2.3		
1,3-Dichlorobenzene	ug/kg	<2.3	<2.3		
1,4-Dichlorobenzene	ug/kg	<2.3	<2.3		
2-Butanone (MEK)	ug/kg	5.5	8.5	42	D6
2-Hexanone	ug/kg	2.5	3.8	42	D6
4-Methyl-2-pentanone (MIBK)	ug/kg	<2.3	1.8J		
Acetone	ug/kg	175	233	27	D6
Benzene	ug/kg	<2.3	<2.3		
Bromodichloromethane	ug/kg	<2.3	<2.3		
Bromoform	ug/kg	<2.3	<2.3		
Bromomethane	ug/kg	<2.3	<2.3		
Carbon disulfide	ug/kg	<2.3	<2.3		
Carbon tetrachloride	ug/kg	<2.3	<2.3		
Chlorobenzene	ug/kg	<2.3	<2.3		
Chloroethane	ug/kg	<2.3	<2.3		
Chloroform	ug/kg	<2.3	<2.3		
Chloromethane	ug/kg	<2.3	<2.3		
cis-1,2-Dichloroethene	ug/kg	<2.3	<2.3		
cis-1,3-Dichloropropene	ug/kg	<2.3	<2.3		
Cyclohexane	ug/kg	<2.3	<2.3		
Dibromochloromethane	ug/kg	<2.3	<2.3		
Dichlorodifluoromethane	ug/kg	<2.3	<2.3		
Ethylbenzene	ug/kg	4.5	7.9	53	D6
Isopropylbenzene (Cumene)	ug/kg	<2.3	<2.3		
Methyl acetate	ug/kg	<2.3	<2.3		
Methyl-tert-butyl ether	ug/kg	<2.3	<2.3		
Methylcyclohexane	ug/kg	<2.3	<2.3		
Methylene Chloride	ug/kg	2.5	2.7	4	
Styrene	ug/kg	<2.3	<2.3		
Tetrachloroethene	ug/kg	<2.3	<2.3		
Toluene	ug/kg	<2.3	1.4J		
trans-1,2-Dichloroethene	ug/kg	<2.3	<2.3		
trans-1,3-Dichloropropene	ug/kg	<2.3	<2.3		
Trichloroethene	ug/kg	7.8	8.1	3	
Trichlorofluoromethane	ug/kg	<2.3	<2.3		
Vinyl chloride	ug/kg	<2.3	<2.3		
Xylene (Total)	ug/kg	23.9	45.7	61	
1,2-Dichloroethane-d4 (S)	%	108	114	5	
4-Bromofluorobenzene (S)	%	93	85	10	
Toluene-d8 (S)	%	109	114	3	

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QUALITY CONTROL DATA

Project: 30 Stewart Ave
Pace Project No.: 7010017

QC Batch:	12114	Analysis Method:	EPA 8081B
QC Batch Method:	EPA 3545A	Analysis Description:	8081 GCS Pesticides
Associated Lab Samples:	7010017004, 7010017009		

METHOD BLANK:	60903	Matrix:	Solid
Associated Lab Samples:	7010017004, 7010017009		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
4,4'-DDD	ug/kg	<3.3	3.3	02/01/17 16:53	
4,4'-DDE	ug/kg	<3.3	3.3	02/01/17 16:53	
4,4'-DDT	ug/kg	<3.3	3.3	02/01/17 16:53	
Aldrin	ug/kg	<1.7	1.7	02/01/17 16:53	
alpha-BHC	ug/kg	<1.7	1.7	02/01/17 16:53	
alpha-Chlordane	ug/kg	<1.7	1.7	02/01/17 16:53	
beta-BHC	ug/kg	<1.7	1.7	02/01/17 16:53	
delta-BHC	ug/kg	<1.7	1.7	02/01/17 16:53	
Dieldrin	ug/kg	<3.3	3.3	02/01/17 16:53	
Endosulfan I	ug/kg	<1.7	1.7	02/01/17 16:53	
Endosulfan II	ug/kg	<3.3	3.3	02/01/17 16:53	
Endosulfan sulfate	ug/kg	<3.3	3.3	02/01/17 16:53	
Endrin	ug/kg	<3.3	3.3	02/01/17 16:53	
Endrin aldehyde	ug/kg	<3.3	3.3	02/01/17 16:53	
Endrin ketone	ug/kg	<3.3	3.3	02/01/17 16:53	
gamma-BHC (Lindane)	ug/kg	<1.7	1.7	02/01/17 16:53	
gamma-Chlordane	ug/kg	<1.7	1.7	02/01/17 16:53	
Heptachlor	ug/kg	<1.7	1.7	02/01/17 16:53	
Heptachlor epoxide	ug/kg	<1.7	1.7	02/01/17 16:53	
Methoxychlor	ug/kg	<17.0	17.0	02/01/17 16:53	
Toxaphene	ug/kg	<170	170	02/01/17 16:53	
Decachlorobiphenyl (S)	%	49	30-150	02/01/17 16:53	
Tetrachloro-m-xylene (S)	%	42	30-150	02/01/17 16:53	

LABORATORY CONTROL SAMPLE: 60904

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
4,4'-DDD	ug/kg	13.3	7.1	53	57-156	L0
4,4'-DDE	ug/kg	13.3	7.2	54	52-135	
4,4'-DDT	ug/kg	13.3	7.9	59	54-163	
Aldrin	ug/kg	13.3	7.9	59	49-129	
alpha-BHC	ug/kg	13.3	6.4	48	41-135	
alpha-Chlordane	ug/kg	13.3	7.0	53	43-128	
beta-BHC	ug/kg	13.3	6.5	48	42-158	
delta-BHC	ug/kg	13.3	6.7	50	48-142	
Dieldrin	ug/kg	13.3	8.3	62	57-147	
Endosulfan I	ug/kg	13.3	6.4	48	54-145	L0
Endosulfan II	ug/kg	13.3	6.4	48	61-137	L0
Endosulfan sulfate	ug/kg	13.3	6.9	52	51-154	
Endrin	ug/kg	13.3	7.2	54	50-160	

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QUALITY CONTROL DATA

Project: 30 Stewart Ave

Pace Project No.: 7010017

LABORATORY CONTROL SAMPLE: 60904

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Endrin aldehyde	ug/kg	13.3	7.0	52	31-159	
Endrin ketone	ug/kg	13.3	6.8	51	43-171	
gamma-BHC (Lindane)	ug/kg	13.3	6.3	47	39-146	
gamma-Chlordane	ug/kg	13.3	6.2	46	43-134	
Heptachlor	ug/kg	13.3	6.6	49	52-142	L0
Heptachlor epoxide	ug/kg	13.3	6.7	50	49-128	
Methoxychlor	ug/kg	13.3	<17.0	75	41-188	
Decachlorobiphenyl (S)	%.			52	30-150	
Tetrachloro-m-xylene (S)	%.			42	30-150	

LABORATORY CONTROL SAMPLE: 60908

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Toxaphene	ug/kg	667	416	62	45-146	
Decachlorobiphenyl (S)	%.			60	30-150	
Tetrachloro-m-xylene (S)	%.			50	30-150	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 60905 60906

Parameter	Units	7010017004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
4,4'-DDD	ug/kg	<4.0	16	16	12.0	10.9	75	68	57-156	9	
4,4'-DDE	ug/kg	<4.0	16	16	12.2	10.8	76	67	52-135	13	
4,4'-DDT	ug/kg	<4.0	16	16	14.8	12.5	92	78	64-127	17	
Aldrin	ug/kg	<2.0	16	16	13.6	12.2	85	76	35-147	11	
alpha-BHC	ug/kg	<2.0	16	16	10.7	10.6	67	66	41-135	1	
alpha-Chlordane	ug/kg	<2.0	16	16	11.6	10.6	72	66	43-128	9	
beta-BHC	ug/kg	<2.0	16	16	11.8	10.4	74	65	42-158	12	
delta-BHC	ug/kg	<2.0	16	16	12.2	11.3	76	70	48-142	8	
Dieldrin	ug/kg	<4.0	16	16	13.6	12.0	84	75	47-134	12	
Endosulfan I	ug/kg	<2.0	16	16	9.9	9.3	61	58	54-145	6	
Endosulfan II	ug/kg	<4.0	16	16	11.3	10.1	70	63	61-137	11	
Endosulfan sulfate	ug/kg	<4.0	16	16	12.1	10.7	75	66	51-154	12	
Endrin	ug/kg	<4.0	16	16	11.9	11.0	74	68	37-146	8	
Endrin aldehyde	ug/kg	<4.0	16	16	8.3	8.6	52	53	31-159	3	
Endrin ketone	ug/kg	<4.0	16	16	11.1	10.4	69	65	43-171	7	
gamma-BHC (Lindane)	ug/kg	<2.0	16	16	11.2	10.0	70	62	44-139	11	
gamma-Chlordane	ug/kg	<2.0	16	16	13.2	11.2	82	70	43-134	17	
Heptachlor	ug/kg	<2.0	16	16	12.2	11.2	76	70	57-148	9	
Heptachlor epoxide	ug/kg	<2.0	16	16	12.3	11.0	77	69	49-128	11	
Methoxychlor	ug/kg	<20.5	16	16	<20.5	<20.5	102	84	41-188		
Decachlorobiphenyl (S)	%.						64	57	30-150		
Tetrachloro-m-xylene (S)	%.						56	52	30-150		

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QUALITY CONTROL DATA

Project: 30 Stewart Ave

Pace Project No.: 7010017

QC Batch: 12116

Analysis Method: EPA 8082A

QC Batch Method: EPA 3545A

Analysis Description: 8082 GCS PCB

Associated Lab Samples: 7010017004, 7010017009

METHOD BLANK: 60912

Matrix: Solid

Associated Lab Samples: 7010017004, 7010017009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	<33.0	33.0	02/01/17 16:24	
PCB-1221 (Aroclor 1221)	ug/kg	<67.0	67.0	02/01/17 16:24	
PCB-1232 (Aroclor 1232)	ug/kg	<33.0	33.0	02/01/17 16:24	
PCB-1242 (Aroclor 1242)	ug/kg	<33.0	33.0	02/01/17 16:24	
PCB-1248 (Aroclor 1248)	ug/kg	<33.0	33.0	02/01/17 16:24	
PCB-1254 (Aroclor 1254)	ug/kg	<33.0	33.0	02/01/17 16:24	
PCB-1260 (Aroclor 1260)	ug/kg	<33.0	33.0	02/01/17 16:24	
Decachlorobiphenyl (S)	%.	52	30-150	02/01/17 16:24	
Tetrachloro-m-xylene (S)	%.	48	30-150	02/01/17 16:24	

LABORATORY CONTROL SAMPLE: 60913

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	167	129	78	50-136	
PCB-1260 (Aroclor 1260)	ug/kg	167	101	61	45-154	
Decachlorobiphenyl (S)	%.			63	30-150	
Tetrachloro-m-xylene (S)	%.			53	30-150	

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QUALITY CONTROL DATA

Project: 30 Stewart Ave

Pace Project No.: 7010017

QC Batch:	12222	Analysis Method:	EPA 8151A
QC Batch Method:	EPA 8151A	Analysis Description:	8151 GCS Herbicides
Associated Lab Samples:	7010017004, 7010017009		

METHOD BLANK: 61290 Matrix: Solid

Associated Lab Samples: 7010017004, 7010017009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
2,4,5-T	ug/kg	<5.0	5.0	02/02/17 01:28	
2,4,5-TP (Silvex)	ug/kg	<5.0	5.0	02/02/17 01:28	
2,4-D	ug/kg	<9.9	9.9	02/02/17 01:28	
Dicamba	ug/kg	3.2	3.0	02/02/17 01:28	
2,4-DCAA (S)	%.	63	29-136	02/02/17 01:28	

LABORATORY CONTROL SAMPLE: 61291

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2,4,5-T	ug/kg	19.9	18.5	93	16-136	
2,4,5-TP (Silvex)	ug/kg	19.9	22.1	111	12-146	
2,4-D	ug/kg	59.7	65.5	110	25-157	
Dicamba	ug/kg	19.9	18.7	94	16-136	
2,4-DCAA (S)	%.			107	29-136	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 61292 61293

Parameter	Units	7010017009 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
2,4,5-T	ug/kg	<6.4	25.7	25.7	16.2	15.8	62	60	16-136	2	
2,4,5-TP (Silvex)	ug/kg	<6.4	25.7	25.7	19.5	18.7	76	73	12-146	4	
2,4-D	ug/kg	<12.9	77	76.9	56.0	52.3	72	68	25-157	7	
Dicamba	ug/kg	8.4	25.7	25.7	19.8	17.9	45	37	16-136	10	
2,4-DCAA (S)	%.						64	68	29-136		

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QUALITY CONTROL DATA

Project: 30 Stewart Ave
Pace Project No.: 7010017

QC Batch: 12110 Analysis Method: EPA 8270D
QC Batch Method: EPA 3545A Analysis Description: 8270 Solid MSSV
Associated Lab Samples: 7010017001, 7010017002, 7010017003, 7010017004, 7010017006, 7010017007, 7010017008, 7010017009, 7010017010

METHOD BLANK: 60887 Matrix: Solid
Associated Lab Samples: 7010017001, 7010017002, 7010017003, 7010017004, 7010017006, 7010017007, 7010017008, 7010017009, 7010017010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trichlorobenzene	ug/kg	<67.0	67.0	01/30/17 20:41	
2,2'-Oxybis(1-chloropropane)	ug/kg	<67.0	67.0	01/30/17 20:41	
2,4,5-Trichlorophenol	ug/kg	<67.0	67.0	01/30/17 20:41	
2,4,6-Trichlorophenol	ug/kg	<67.0	67.0	01/30/17 20:41	
2,4-Dichlorophenol	ug/kg	<67.0	67.0	01/30/17 20:41	
2,4-Dimethylphenol	ug/kg	<67.0	67.0	01/30/17 20:41	
2,4-Dinitrophenol	ug/kg	<67.0	67.0	01/30/17 20:41	
2,4-Dinitrotoluene	ug/kg	<330	330	01/30/17 20:41	
2,6-Dinitrotoluene	ug/kg	<330	330	01/30/17 20:41	
2-Chloronaphthalene	ug/kg	<67.0	67.0	01/30/17 20:41	
2-Chlorophenol	ug/kg	<67.0	67.0	01/30/17 20:41	
2-Methylnaphthalene	ug/kg	<67.0	67.0	01/30/17 20:41	
2-Methylphenol(o-Cresol)	ug/kg	<67.0	67.0	01/30/17 20:41	
2-Nitroaniline	ug/kg	<330	330	01/30/17 20:41	
2-Nitrophenol	ug/kg	<330	330	01/30/17 20:41	
3&4-Methylphenol(m&p Cresol)	ug/kg	<67.0	67.0	01/30/17 20:41	
3,3'-Dichlorobenzidine	ug/kg	<330	330	01/30/17 20:41	CC
3-Nitroaniline	ug/kg	<330	330	01/30/17 20:41	
4,6-Dinitro-2-methylphenol	ug/kg	<67.0	67.0	01/30/17 20:41	
4-Bromophenylphenyl ether	ug/kg	<67.0	67.0	01/30/17 20:41	
4-Chloro-3-methylphenol	ug/kg	<67.0	67.0	01/30/17 20:41	
4-Chloroaniline	ug/kg	<330	330	01/30/17 20:41	
4-Chlorophenylphenyl ether	ug/kg	<67.0	67.0	01/30/17 20:41	
4-Nitroaniline	ug/kg	<330	330	01/30/17 20:41	
4-Nitrophenol	ug/kg	<67.0	67.0	01/30/17 20:41	
Acenaphthene	ug/kg	<67.0	67.0	01/30/17 20:41	
Acenaphthylene	ug/kg	<67.0	67.0	01/30/17 20:41	
Acetophenone	ug/kg	<67.0	67.0	01/30/17 20:41	
Anthracene	ug/kg	<67.0	67.0	01/30/17 20:41	
Atrazine	ug/kg	<67.0	67.0	01/30/17 20:41	IC
Benzaldehyde	ug/kg	<67.0	67.0	01/30/17 20:41	CC
Benzo(a)anthracene	ug/kg	<67.0	67.0	01/30/17 20:41	
Benzo(a)pyrene	ug/kg	<67.0	67.0	01/30/17 20:41	
Benzo(b)fluoranthene	ug/kg	<67.0	67.0	01/30/17 20:41	
Benzo(g,h,i)perylene	ug/kg	<67.0	67.0	01/30/17 20:41	
Benzo(k)fluoranthene	ug/kg	<67.0	67.0	01/30/17 20:41	
Biphenyl (Diphenyl)	ug/kg	<67.0	67.0	01/30/17 20:41	
bis(2-Chloroethoxy)methane	ug/kg	<67.0	67.0	01/30/17 20:41	
bis(2-Chloroethyl) ether	ug/kg	<67.0	67.0	01/30/17 20:41	
bis(2-Ethylhexyl)phthalate	ug/kg	<67.0	67.0	01/30/17 20:41	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 30 Stewart Ave
Pace Project No.: 7010017

METHOD BLANK: 60887 Matrix: Solid
Associated Lab Samples: 7010017001, 7010017002, 7010017003, 7010017004, 7010017006, 7010017007, 7010017008, 7010017009, 7010017010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Butylbenzylphthalate	ug/kg	<67.0	67.0	01/30/17 20:41	
Caprolactam	ug/kg	<67.0	67.0	01/30/17 20:41	
Carbazole	ug/kg	<67.0	67.0	01/30/17 20:41	
Chrysene	ug/kg	<67.0	67.0	01/30/17 20:41	
Di-n-butylphthalate	ug/kg	108	67.0	01/30/17 20:41	
Di-n-octylphthalate	ug/kg	<67.0	67.0	01/30/17 20:41	
Dibenz(a,h)anthracene	ug/kg	<67.0	67.0	01/30/17 20:41	
Dibenzofuran	ug/kg	<67.0	67.0	01/30/17 20:41	
Diethylphthalate	ug/kg	<67.0	67.0	01/30/17 20:41	
Dimethylphthalate	ug/kg	<67.0	67.0	01/30/17 20:41	
Fluoranthene	ug/kg	<67.0	67.0	01/30/17 20:41	
Fluorene	ug/kg	<67.0	67.0	01/30/17 20:41	
Hexachloro-1,3-butadiene	ug/kg	<67.0	67.0	01/30/17 20:41	
Hexachlorobenzene	ug/kg	<67.0	67.0	01/30/17 20:41	
Hexachlorocyclopentadiene	ug/kg	<330	330	01/30/17 20:41	
Hexachloroethane	ug/kg	<67.0	67.0	01/30/17 20:41	
Indeno(1,2,3-cd)pyrene	ug/kg	<67.0	67.0	01/30/17 20:41	
Isophorone	ug/kg	<67.0	67.0	01/30/17 20:41	
N-Nitroso-di-n-propylamine	ug/kg	<67.0	67.0	01/30/17 20:41	
N-Nitrosodiphenylamine	ug/kg	<67.0	67.0	01/30/17 20:41	
Naphthalene	ug/kg	<67.0	67.0	01/30/17 20:41	
Nitrobenzene	ug/kg	<67.0	67.0	01/30/17 20:41	
Pentachlorophenol	ug/kg	<670	670	01/30/17 20:41	IC
Phenanthrene	ug/kg	<67.0	67.0	01/30/17 20:41	
Phenol	ug/kg	<67.0	67.0	01/30/17 20:41	
Pyrene	ug/kg	<67.0	67.0	01/30/17 20:41	
2.938:3-Penten-2-one, 4-methyl	ug/kg	1490		01/30/17 20:41	N
3.130:2-Pentanone, 4-hydroxy-	ug/kg	264		01/30/17 20:41	N
3.306:2-Pentanone, 4-hydroxy-4	ug/kg	14200		01/30/17 20:41	N
6.811: Straight-chain Alkane	ug/kg	212		01/30/17 20:41	N
8.066: Benzophenone	ug/kg	151		01/30/17 20:41	N
8.275: Benzenesulfonamide, N,4-	ug/kg	151		01/30/17 20:41	N
11.357: Branched Alkane	ug/kg	160		01/30/17 20:41	N
1,2-Dichlorobenzene-d4 (S)	%.	65	20-130	01/30/17 20:41	
2,4,6-Tribromophenol (S)	%.	81	19-122	01/30/17 20:41	
2-Chlorophenol-d4 (S)	%.	68	20-130	01/30/17 20:41	
2-Fluorobiphenyl (S)	%.	81	30-115	01/30/17 20:41	
2-Fluorophenol (S)	%.	66	25-121	01/30/17 20:41	
Nitrobenzene-d5 (S)	%.	69	23-120	01/30/17 20:41	
p-Terphenyl-d14 (S)	%.	86	18-137	01/30/17 20:41	
Phenol-d5 (S)	%.	69	24-113	01/30/17 20:41	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 30 Stewart Ave

Pace Project No.: 7010017

LABORATORY CONTROL SAMPLE: 60888

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/kg	1670	1030	62	35-110	
2,2'-Oxybis(1-chloropropane)	ug/kg	1670	955	57	33-116	
2,4,5-Trichlorophenol	ug/kg	1670	1360	81	45-111	
2,4,6-Trichlorophenol	ug/kg	1670	1380	83	45-110	
2,4-Dichlorophenol	ug/kg	1670	1100	66	41-117	
2,4-Dimethylphenol	ug/kg	1670	1040	63	24-96	
2,4-Dinitrophenol	ug/kg	1670	546J	33	10-80	
2,4-Dinitrotoluene	ug/kg	1670	1310	79	49-112	
2,6-Dinitrotoluene	ug/kg	1670	1240	74	50-109	
2-Chloronaphthalene	ug/kg	1670	1130	68	35-107	
2-Chlorophenol	ug/kg	1670	1090	65	36-109	
2-Methylnaphthalene	ug/kg	1670	1040	62	31-135	
2-Methylphenol(o-Cresol)	ug/kg	1670	1040	62	36-104	
2-Nitroaniline	ug/kg	1670	1110	66	42-118	
2-Nitrophenol	ug/kg	1670	1010	60	36-117	
3&4-Methylphenol(m&p Cresol)	ug/kg	1670	1010	61	37-137	
3,3'-Dichlorobenzidine	ug/kg	1670	1020	61	41-116	CC
3-Nitroaniline	ug/kg	1670	930	56	40-95	
4,6-Dinitro-2-methylphenol	ug/kg	1670	947	57	16-104	
4-Bromophenylphenyl ether	ug/kg	1670	1060	64	50-116	
4-Chloro-3-methylphenol	ug/kg	1670	1160	70	45-118	
4-Chloroaniline	ug/kg	1670	749	45	29-88	
4-Chlorophenylphenyl ether	ug/kg	1670	1290	77	48-111	
4-Nitroaniline	ug/kg	1670	985	59	46-110	
4-Nitrophenol	ug/kg	1670	1270	76	26-118	CC
Acenaphthene	ug/kg	1670	1050	63	45-109	
Acenaphthylene	ug/kg	1670	1100	66	43-107	
Acetophenone	ug/kg	1670	1020	61	10-132	
Anthracene	ug/kg	1670	1040	62	50-117	
Atrazine	ug/kg	1670	1270	76	40-120	IC
Benzaldehyde	ug/kg	1670	255	15	40-140	CC,L0
Benzo(a)anthracene	ug/kg	1670	1370	82	52-116	
Benzo(a)pyrene	ug/kg	1670	1190	72	56-119	
Benzo(b)fluoranthene	ug/kg	1670	1110	67	45-122	
Benzo(g,h,i)perylene	ug/kg	1670	1170	70	30-107	
Benzo(k)fluoranthene	ug/kg	1670	1020	61	54-124	
Biphenyl (Diphenyl)	ug/kg	1670	1200	72	40-120	
bis(2-Chloroethoxy)methane	ug/kg	1670	1080	65	29-112	
bis(2-Chloroethyl) ether	ug/kg	1670	1080	65	32-116	
bis(2-Ethylhexyl)phthalate	ug/kg	1670	1270	76	60-127	
Butylbenzylphthalate	ug/kg	1670	1380	83	54-130	
Caprolactam	ug/kg	1670	1100	66	40-120	
Carbazole	ug/kg	1670	1050	63	40-120	
Chrysene	ug/kg	1670	1260	75	48-121	
Di-n-butylphthalate	ug/kg	1670	1260	76	53-124	
Di-n-octylphthalate	ug/kg	1670	1200	72	46-141	
Dibenz(a,h)anthracene	ug/kg	1670	1200	72	52-109	

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QUALITY CONTROL DATA

Project: 30 Stewart Ave

Pace Project No.: 7010017

LABORATORY CONTROL SAMPLE: 60888

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Dibenzofuran	ug/kg	1670	1220	73	48-112	
Diethylphthalate	ug/kg	1670	1280	77	51-114	
Dimethylphthalate	ug/kg	1670	1100	66	49-112	
Fluoranthene	ug/kg	1670	1050	63	45-126	
Fluorene	ug/kg	1670	1300	78	47-108	
Hexachloro-1,3-butadiene	ug/kg	1670	1010	61	36-118	
Hexachlorobenzene	ug/kg	1670	1130	68	51-110	
Hexachlorocyclopentadiene	ug/kg	1670	1700	102	10-97	CC,L0
Hexachloroethane	ug/kg	1670	969	58	34-105	
Indeno(1,2,3-cd)pyrene	ug/kg	1670	1190	71	50-108	
Isophorone	ug/kg	1670	1040	62	14-129	
N-Nitroso-di-n-propylamine	ug/kg	1670	1030	62	33-109	
N-Nitrosodiphenylamine	ug/kg	1670	1060	64	39-90	
Naphthalene	ug/kg	1670	1020	61	18-142	
Nitrobenzene	ug/kg	1670	1030	62	36-119	
Pentachlorophenol	ug/kg	1670	1460	88	22-115	CC,IC
Phenanthrene	ug/kg	1670	1160	69	47-124	
Phenol	ug/kg	1670	1080	65	38-104	
Pyrene	ug/kg	1670	1450	87	49-132	
1,2-Dichlorobenzene-d4 (S)	%			52	20-130	
2,4,6-Tribromophenol (S)	%			76	19-122	
2-Chlorophenol-d4 (S)	%			63	20-130	
2-Fluorobiphenyl (S)	%			69	30-115	
2-Fluorophenol (S)	%			61	25-121	
Nitrobenzene-d5 (S)	%			59	23-120	
p-Terphenyl-d14 (S)	%			85	18-137	
Phenol-d5 (S)	%			65	24-113	

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QUALITY CONTROL DATA

Project: 30 Stewart Ave
Pace Project No.: 7010017

QC Batch: 12411	Analysis Method: EPA 8270D
QC Batch Method: EPA 3545A	Analysis Description: 8270 Solid MSSV
Associated Lab Samples: 7010017005	

METHOD BLANK: 62037	Matrix: Solid
Associated Lab Samples: 7010017005	

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trichlorobenzene	ug/kg	<67.0	67.0	02/02/17 12:22	
2,2'-Oxybis(1-chloropropane)	ug/kg	<67.0	67.0	02/02/17 12:22	
2,4,5-Trichlorophenol	ug/kg	<67.0	67.0	02/02/17 12:22	
2,4,6-Trichlorophenol	ug/kg	<67.0	67.0	02/02/17 12:22	
2,4-Dichlorophenol	ug/kg	<67.0	67.0	02/02/17 12:22	
2,4-Dimethylphenol	ug/kg	<67.0	67.0	02/02/17 12:22	
2,4-Dinitrophenol	ug/kg	<67.0	67.0	02/02/17 12:22	
2,4-Dinitrotoluene	ug/kg	<330	330	02/02/17 12:22	
2,6-Dinitrotoluene	ug/kg	<330	330	02/02/17 12:22	
2-Chloronaphthalene	ug/kg	<67.0	67.0	02/02/17 12:22	
2-Chlorophenol	ug/kg	<67.0	67.0	02/02/17 12:22	
2-Methylnaphthalene	ug/kg	<67.0	67.0	02/02/17 12:22	
2-Methylphenol(o-Cresol)	ug/kg	<67.0	67.0	02/02/17 12:22	
2-Nitroaniline	ug/kg	<330	330	02/02/17 12:22	
2-Nitrophenol	ug/kg	<330	330	02/02/17 12:22	
3&4-Methylphenol(m&p Cresol)	ug/kg	<67.0	67.0	02/02/17 12:22	
3,3'-Dichlorobenzidine	ug/kg	<330	330	02/02/17 12:22	
3-Nitroaniline	ug/kg	<330	330	02/02/17 12:22	
4,6-Dinitro-2-methylphenol	ug/kg	<67.0	67.0	02/02/17 12:22	
4-Bromophenylphenyl ether	ug/kg	<67.0	67.0	02/02/17 12:22	
4-Chloro-3-methylphenol	ug/kg	<67.0	67.0	02/02/17 12:22	
4-Chloroaniline	ug/kg	<330	330	02/02/17 12:22	
4-Chlorophenylphenyl ether	ug/kg	<67.0	67.0	02/02/17 12:22	
4-Nitroaniline	ug/kg	<330	330	02/02/17 12:22	
4-Nitrophenol	ug/kg	<67.0	67.0	02/02/17 12:22	
Acenaphthene	ug/kg	<67.0	67.0	02/02/17 12:22	
Acenaphthylene	ug/kg	<67.0	67.0	02/02/17 12:22	
Acetophenone	ug/kg	<67.0	67.0	02/02/17 12:22	
Anthracene	ug/kg	<67.0	67.0	02/02/17 12:22	
Atrazine	ug/kg	<67.0	67.0	02/02/17 12:22	IC
Benzaldehyde	ug/kg	<67.0	67.0	02/02/17 12:22	CC
Benzo(a)anthracene	ug/kg	<67.0	67.0	02/02/17 12:22	
Benzo(a)pyrene	ug/kg	<67.0	67.0	02/02/17 12:22	
Benzo(b)fluoranthene	ug/kg	<67.0	67.0	02/02/17 12:22	
Benzo(g,h,i)perylene	ug/kg	<67.0	67.0	02/02/17 12:22	CC
Benzo(k)fluoranthene	ug/kg	<67.0	67.0	02/02/17 12:22	
Biphenyl (Diphenyl)	ug/kg	<67.0	67.0	02/02/17 12:22	
bis(2-Chloroethoxy)methane	ug/kg	<67.0	67.0	02/02/17 12:22	
bis(2-Chloroethyl) ether	ug/kg	<67.0	67.0	02/02/17 12:22	
bis(2-Ethylhexyl)phthalate	ug/kg	<67.0	67.0	02/02/17 12:22	
Butylbenzylphthalate	ug/kg	<67.0	67.0	02/02/17 12:22	

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QUALITY CONTROL DATA

Project: 30 Stewart Ave
Pace Project No.: 7010017

METHOD BLANK: 62037
Associated Lab Samples: 7010017005

Matrix: Solid

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Caprolactam	ug/kg	<67.0	67.0	02/02/17 12:22	
Carbazole	ug/kg	<67.0	67.0	02/02/17 12:22	
Chrysene	ug/kg	<67.0	67.0	02/02/17 12:22	
Di-n-butylphthalate	ug/kg	116	67.0	02/02/17 12:22	
Di-n-octylphthalate	ug/kg	<67.0	67.0	02/02/17 12:22	
Dibenz(a,h)anthracene	ug/kg	<67.0	67.0	02/02/17 12:22	
Dibenzofuran	ug/kg	<67.0	67.0	02/02/17 12:22	
Diethylphthalate	ug/kg	<67.0	67.0	02/02/17 12:22	
Dimethylphthalate	ug/kg	<67.0	67.0	02/02/17 12:22	
Fluoranthene	ug/kg	<67.0	67.0	02/02/17 12:22	
Fluorene	ug/kg	<67.0	67.0	02/02/17 12:22	
Hexachloro-1,3-butadiene	ug/kg	<67.0	67.0	02/02/17 12:22	
Hexachlorobenzene	ug/kg	<67.0	67.0	02/02/17 12:22	
Hexachlorocyclopentadiene	ug/kg	<330	330	02/02/17 12:22	
Hexachloroethane	ug/kg	<67.0	67.0	02/02/17 12:22	
Indeno(1,2,3-cd)pyrene	ug/kg	<67.0	67.0	02/02/17 12:22	
Isophorone	ug/kg	<67.0	67.0	02/02/17 12:22	
N-Nitroso-di-n-propylamine	ug/kg	<67.0	67.0	02/02/17 12:22	
N-Nitrosodiphenylamine	ug/kg	<67.0	67.0	02/02/17 12:22	
Naphthalene	ug/kg	<67.0	67.0	02/02/17 12:22	
Nitrobenzene	ug/kg	<67.0	67.0	02/02/17 12:22	
Pentachlorophenol	ug/kg	<670	670	02/02/17 12:22	IC
Phenanthrene	ug/kg	<67.0	67.0	02/02/17 12:22	
Phenol	ug/kg	<67.0	67.0	02/02/17 12:22	
Pyrene	ug/kg	<67.0	67.0	02/02/17 12:22	
1,2-Dichlorobenzene-d4 (S)	%	64	20-130	02/02/17 12:22	
2,4,6-Tribromophenol (S)	%	83	19-122	02/02/17 12:22	
2-Chlorophenol-d4 (S)	%	69	20-130	02/02/17 12:22	
2-Fluorobiphenyl (S)	%	69	30-115	02/02/17 12:22	
2-Fluorophenol (S)	%	67	25-121	02/02/17 12:22	
Nitrobenzene-d5 (S)	%	73	23-120	02/02/17 12:22	
p-Terphenyl-d14 (S)	%	95	18-137	02/02/17 12:22	
Phenol-d5 (S)	%	69	24-113	02/02/17 12:22	

LABORATORY CONTROL SAMPLE: 62038

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/kg	1670	927	56	35-110	
2,2'-Oxybis(1-chloropropane)	ug/kg	1670	796	48	33-116	
2,4,5-Trichlorophenol	ug/kg	1670	1040	62	45-111	
2,4,6-Trichlorophenol	ug/kg	1670	1120	67	45-110	
2,4-Dichlorophenol	ug/kg	1670	964	58	41-117	
2,4-Dimethylphenol	ug/kg	1670	871	52	24-96	
2,4-Dinitrophenol	ug/kg	1670	654J	39	10-80	

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QUALITY CONTROL DATA

Project: 30 Stewart Ave

Pace Project No.: 7010017

LABORATORY CONTROL SAMPLE: 62038

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2,4-Dinitrotoluene	ug/kg	1670	1040	62	49-112	
2,6-Dinitrotoluene	ug/kg	1670	991	59	50-109	
2-Chloronaphthalene	ug/kg	1670	1030	62	35-107	
2-Chlorophenol	ug/kg	1670	888	53	36-109	
2-Methylnaphthalene	ug/kg	1670	941	56	31-135	
2-Methylphenol(o-Cresol)	ug/kg	1670	791	47	36-104	
2-Nitroaniline	ug/kg	1670	902	54	42-118	
2-Nitrophenol	ug/kg	1670	895	54	36-117	
3&4-Methylphenol(m&p Cresol)	ug/kg	1670	799	48	37-137	
3,3'-Dichlorobenzidine	ug/kg	1670	591	35	41-116	L0
3-Nitroaniline	ug/kg	1670	696	42	40-95	
4,6-Dinitro-2-methylphenol	ug/kg	1670	834	50	16-104	
4-Bromophenylphenyl ether	ug/kg	1670	943	57	50-116	
4-Chloro-3-methylphenol	ug/kg	1670	930	56	45-118	
4-Chloroaniline	ug/kg	1670	574	34	29-88	
4-Chlorophenylphenyl ether	ug/kg	1670	1020	61	48-111	
4-Nitroaniline	ug/kg	1670	647	39	46-110	L0
4-Nitrophenol	ug/kg	1670	1320	79	26-118	CC
Acenaphthene	ug/kg	1670	946	57	45-109	
Acenaphthylene	ug/kg	1670	908	54	43-107	
Acetophenone	ug/kg	1670	838	50	10-132	
Anthracene	ug/kg	1670	922	55	50-117	
Atrazine	ug/kg	1670	1010	61	40-120	IC
Benzaldehyde	ug/kg	1670	272	16	40-140	CC,L0
Benzo(a)anthracene	ug/kg	1670	982	59	52-116	
Benzo(a)pyrene	ug/kg	1670	1020	61	56-119	
Benzo(b)fluoranthene	ug/kg	1670	905	54	45-122	
Benzo(g,h,i)perylene	ug/kg	1670	801	48	30-107	CC
Benzo(k)fluoranthene	ug/kg	1670	1050	63	54-124	
Biphenyl (Diphenyl)	ug/kg	1670	947	57	40-120	
bis(2-Chloroethoxy)methane	ug/kg	1670	943	57	29-112	
bis(2-Chloroethyl) ether	ug/kg	1670	897	54	32-116	
bis(2-Ethylhexyl)phthalate	ug/kg	1670	1050	63	60-127	
Butylbenzylphthalate	ug/kg	1670	879	53	54-130	L0
Caprolactam	ug/kg	1670	874	52	40-120	
Carbazole	ug/kg	1670	911	55	40-120	
Chrysene	ug/kg	1670	1040	62	48-121	
Di-n-butylphthalate	ug/kg	1670	940	56	53-124	
Di-n-octylphthalate	ug/kg	1670	1010	61	46-141	
Dibenz(a,h)anthracene	ug/kg	1670	832	50	52-109	L0
Dibenzofuran	ug/kg	1670	1010	61	48-112	
Diethylphthalate	ug/kg	1670	997	60	51-114	
Dimethylphthalate	ug/kg	1670	899	54	49-112	
Fluoranthene	ug/kg	1670	905	54	45-126	
Fluorene	ug/kg	1670	1020	61	47-108	
Hexachloro-1,3-butadiene	ug/kg	1670	923	55	36-118	
Hexachlorobenzene	ug/kg	1670	830	50	51-110	L0

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 30 Stewart Ave

Pace Project No.: 7010017

LABORATORY CONTROL SAMPLE: 62038

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Hexachlorocyclopentadiene	ug/kg	1670	2020	121	10-97	CC,L0
Hexachloroethane	ug/kg	1670	818	49	34-105	
Indeno(1,2,3-cd)pyrene	ug/kg	1670	868	52	50-108	
Isophorone	ug/kg	1670	842	51	14-129	
N-Nitroso-di-n-propylamine	ug/kg	1670	843	51	33-109	
N-Nitrosodiphenylamine	ug/kg	1670	838	50	39-90	
Naphthalene	ug/kg	1670	858	51	18-142	
Nitrobenzene	ug/kg	1670	855	51	36-119	
Pentachlorophenol	ug/kg	1670	1030	62	22-115	CC,IC
Phenanthrene	ug/kg	1670	920	55	47-124	
Phenol	ug/kg	1670	792	48	38-104	
Pyrene	ug/kg	1670	1060	64	49-132	
1,2-Dichlorobenzene-d4 (S)	%.			42	20-130	
2,4,6-Tribromophenol (S)	%.			60	19-122	
2-Chlorophenol-d4 (S)	%.			47	20-130	
2-Fluorobiphenyl (S)	%.			46	30-115	
2-Fluorophenol (S)	%.			44	25-121	
Nitrobenzene-d5 (S)	%.			45	23-120	
p-Terphenyl-d14 (S)	%.			48	18-137	
Phenol-d5 (S)	%.			43	24-113	

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QUALITY CONTROL DATA

Project: 30 Stewart Ave

Pace Project No.: 7010017

QC Batch:	12205	Analysis Method:	ASTM D2216-92
QC Batch Method:	ASTM D2216-92	Analysis Description:	Dry Weight/Percent Moisture
Associated Lab Samples:	7010017001, 7010017002, 7010017003, 7010017004, 7010017005, 7010017006, 7010017007, 7010017008, 7010017009, 7010017010		

SAMPLE DUPLICATE: 61253

Parameter	Units	7010017001 Result	Dup Result	RPD	Qualifiers
Percent Moisture	%	10.9	11.3	3	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

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QUALIFIERS

Project: 30 Stewart Ave
Pace Project No.: 7010017

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.
ND - Not Detected at or above adjusted reporting limit.
J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.
MDL - Adjusted Method Detection Limit.
PQL - Practical Quantitation Limit.
RL - Reporting Limit.
S - Surrogate
1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.
Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.
LCS(D) - Laboratory Control Sample (Duplicate)
MS(D) - Matrix Spike (Duplicate)
DUP - Sample Duplicate
RPD - Relative Percent Difference
NC - Not Calculable.
SG - Silica Gel - Clean-Up
U - Indicates the compound was analyzed for, but not detected.
N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.
Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.
TNI - The NELAC Institute.

ANALYTE QUALIFIERS

B Analyte was detected in the associated method blank.
CC The continuing calibration for this compound is outside of method control limits. The result is estimated.
D6 The relative percent difference (RPD) between the sample and sample duplicate exceeded laboratory control limits.
IC The initial calibration for this compound was outside of method control limits. The result is estimated.
L0 Analyte recovery in the laboratory control sample (LCS) was outside QC limits.
L2 Analyte recovery in the laboratory control sample (LCS) was below QC limits. Results for this analyte in associated samples may be biased low.
L3 Analyte recovery in the laboratory control sample (LCS) exceeded QC limits. Analyte presence below reporting limits in associated samples.
M1 Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
MS Analyte recovery in the matrix spike was outside QC limits for one or more of the constituent analytes used in the calculated result.
N Tentatively identified compound (TIC) based on mass spectral library search

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 30 Stewart Ave

Pace Project No.: 7010017

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
7010017004	SW-2	EPA 3545A	12114	EPA 8081B	12335
7010017009	DSB-1	EPA 3545A	12114	EPA 8081B	12335
7010017004	SW-2	EPA 3545A	12116	EPA 8082A	12336
7010017009	DSB-1	EPA 3545A	12116	EPA 8082A	12336
7010017004	SW-2	EPA 8151A	12222	EPA 8151A	12431
7010017009	DSB-1	EPA 8151A	12222	EPA 8151A	12431
7010017004	SW-2	EPA 3050B	12372	EPA 6010C	12416
7010017009	DSB-1	EPA 3050B	12372	EPA 6010C	12416
7010017004	SW-2	EPA 7471B	12373	EPA 7471B	12404
7010017009	DSB-1	EPA 7471B	12373	EPA 7471B	12404
7010017001	EP-1	EPA 3545A	12110	EPA 8270D	12155
7010017002	EP-2	EPA 3545A	12110	EPA 8270D	12155
7010017003	SW-1	EPA 3545A	12110	EPA 8270D	12155
7010017004	SW-2	EPA 3545A	12110	EPA 8270D	12155
7010017005	SW-3	EPA 3545A	12411	EPA 8270D	12427
7010017006	SW-4	EPA 3545A	12110	EPA 8270D	12155
7010017007	SW-5	EPA 3545A	12110	EPA 8270D	12155
7010017008	SW-6	EPA 3545A	12110	EPA 8270D	12155
7010017009	DSB-1	EPA 3545A	12110	EPA 8270D	12155
7010017010	DUP-1	EPA 3545A	12110	EPA 8270D	12155
7010017001	EP-1	EPA 5035A-L	12478	EPA 8260C	12479
7010017002	EP-2	EPA 5035A-L	12145	EPA 8260C	12255
7010017003	SW-1	EPA 5035A-L	12145	EPA 8260C	12255
7010017004	SW-2	EPA 5035A-L	12145	EPA 8260C	12255
7010017005	SW-3	EPA 5035A-L	12145	EPA 8260C	12255
7010017006	SW-4	EPA 5035A-L	12145	EPA 8260C	12255
7010017007	SW-5	EPA 5035A-L	12145	EPA 8260C	12255
7010017008	SW-6	EPA 5035A-L	12145	EPA 8260C	12255
7010017009	DSB-1	EPA 5035A-L	12145	EPA 8260C	12255
7010017010	DUP-1	EPA 5035A-L	12145	EPA 8260C	12255
7010017001	EP-1	ASTM D2216-92	12205		
7010017002	EP-2	ASTM D2216-92	12205		
7010017003	SW-1	ASTM D2216-92	12205		
7010017004	SW-2	ASTM D2216-92	12205		
7010017005	SW-3	ASTM D2216-92	12205		
7010017006	SW-4	ASTM D2216-92	12205		
7010017007	SW-5	ASTM D2216-92	12205		
7010017008	SW-6	ASTM D2216-92	12205		
7010017009	DSB-1	ASTM D2216-92	12205		
7010017010	DUP-1	ASTM D2216-92	12205		

REPORT OF LABORATORY ANALYSIS

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WO#: 7010017



7010017



CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:		Page: 1 of 1	
Company: CEI Consultants		Report To: ADAMSCREW@CEI.COM		Invoice: INVOICE			
Address: 100 West Main Street		Copy To: TJohansen@CEI.com		Company Name:		REGULATORY AGENCY	
City/State: Huntington Station, NY		Purchase Order No.: 1509020		Address:		☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER ☐ UST ☐ RCRA ☐ OTHER	
Email: TJohansen@CEI.com		Project Name: 30 Stewart Ave		Pace Quota Reference:		Site Location:	
Phone: 631 519 3772		Project Number: 1509020		Pace Project Manager:		STATE: _____	
Requested Due Date/FAT: 5 Days				Pace Profit %:			

ITEM #	SAMPLE ID (A-Z, 0-9, -)	Matrix Code DW: Drinking Water WW: Wastewater P: Product SL: Soil/Solid OL: Oil V: Vapor A: Air T: Tissue O: Other	COLLECTED				SAMPLE TEMP AT COLLECTION	Preservatives										Analysis Test #	TIME	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
			COMPOSITE START		COMPOSITE END/GRAB			# OF CONTAINERS	Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2SO4	Methanol	Other					
			DATE	TIME	DATE	TIME															
1	EP-1	S	1/25/17	1000			5														
2	EP-2			1015																	
3	SW-1			1030																	
4	SW-2			1045																	
5	SW-3			1100																	
6	SW-4			1115																	
7	SW-5			1130																	
8	SW-6			1145																	
9	DSB-1			1200																	
10	DUGEL																				
11																					
12																					

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
Plus CAT B	<i>[Signature]</i>	1-25-17	1700	<i>[Signature]</i>	1/26/17		
*Revised Doc sent by client on 1/26/17							

SAMPLER NAME AND SIGNATURE		Temp in °C	Received on for (Y/N)	Custody Sealed Container (Y/N)	Sample Intact (Y/N)
PRINT Name of SAMPLER: Ten Johansen	SIGNATURE of SAMPLER: <i>[Signature]</i>				
DATE Signed (MM/DD/YYYY): 1-25-17					

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoice not paid within 30 days.

F-ALL-Q-020rev 07, 15-May-2007

Client Name: GEI

Courier: ☒ Fed Ex ☐ UPS ☐ DHL ☐ Other ☐ Commercial ☐ Other

Tracking #: _____

Custody Seal on Cooler/Box Present: ☐ Yes ☒ No Seal Intact: ☐ Yes ☒ No

Packing Material: ☐ Bubble Wrap ☒ Bubble Bags ☐ None ☐ Other

Thermometer Used: TH077 TH078 Type of Ice: Water ☒ None ☐ Samples on ice, cooling process has begun

Cooler Temperature: 32

Temp should be above freezing to 6°C

Comments:

Date and Initials of person examining contents: 1/26/17 JSP

Chain of Custody Present:	☒ Yes ☐ No ☐ N/A	11.
Chain of Custody Filled Out:	☒ Yes ☐ No ☐ N/A	12.
Chain of Custody Relinquished:	☒ Yes ☐ No ☐ N/A	13.
Sampler Name & Signature on COC:	☒ Yes ☐ No ☐ N/A	14.
Samples Arrived within Hold Time:	☒ Yes ☐ No ☐ N/A	15.
Short Hold Time Analysis (<72hr):	☐ Yes ☒ No ☐ N/A	16.
Rush Turn Around Time Requested:	☐ Yes ☒ No ☐ N/A	17.
Sufficient Volume:	☒ Yes ☐ No ☐ N/A	18.
Correct Containers Used:	☒ Yes ☐ No ☐ N/A	19.
-Pace Containers Used:	☒ Yes ☐ No ☐ N/A	20.
Containers Intact:	☒ Yes ☐ No ☐ N/A	21.
Filtered volume received for Dissolved tests	☐ Yes ☐ No ☒ N/A	22.
Sample Labels match COC:	☐ Yes ☐ No ☒ N/A	23.
-Includes date/time/ID/Analysis Matrix <u>SLWT OIL</u>		
All containers needing preservation have been checked.	☐ Yes ☐ No ☒ N/A	24.
All containers needing preservation are found to be in compliance with EPA recommendation.	☐ Yes ☐ No ☒ N/A	25.
Exceptions: VOA, micro, TOC, O&G		26.
Exceptions: VOA, micro, TOC, O&G		27.
Samples checked for dechlorination:	☐ Yes ☐ No ☒ N/A	28.
Headspace in VOA Vials (>6mm):	☐ Yes ☐ No ☒ N/A	29.
Trip Blank Present:	☐ Yes ☐ No ☒ N/A	30.
Trip Blank Custody Seals Present	☐ Yes ☐ No ☒ N/A	31.
Pace Trip Blank Lot # (if purchased):		32.

Client Notification/Resolution:

Field Data Required?

Y / N

Person Contacted: _____

Date/Time: _____

Comments/Resolution:

REVISED INVOICE SENT TO PROJECT MANAGER FOR REVIEW
ADDED ANALYSIS (P)