



May 4, 2015

Ms. Carol R. Geiger  
Kazmarek Mowrey Cloud Laseter LLP  
1230 Peachtree Street N.E., Suite 3600  
Atlanta, Georgia 30309

**Re: Southside Plaza  
Potential Source Area Investigation  
704-744 Foote Avenue  
Jamestown, New York 14701**

Dear Ms. Geiger:

Apex Companies, LLC (Apex) is pleased to provide Kazmarek Mowrey Cloud Laseter LLP with the results of the limited potential source area investigation performed at the Southside Plaza property in Jamestown, NY, located at 704-744 Foote Avenue, Jamestown, NY (Site). The source area investigation was conducted to determine if and where a source area of chlorinated solvents may exist beneath the concrete slab of the Tops Market. This source area investigation scope of work was conducted in accordance with a Source Area Investigation Work Plan previously submitted to the New York State Department of Environmental Conservation (NYSDEC) in November 2013 and approved in December 2013. A Site Location Map is provided as Figure 1.

## **BACKGROUND**

The Site currently operates as a retail strip mall including one anchor tenant space (Tops Market), and a separate restaurant tenant space (McDonalds) north of the strip mall. Apex reviewed several historical sources to acquire the most accurate history of the Site possible. Historical sources included City Directories, Sanborn Fire Insurance Maps, the Chautauqua County property records website, and historical property maps provided by the previous owner of the Site and by the owners of the Southside Foote Avenue Property property located at 748-788 Foote Avenue, Jamestown, NY (SFAP). Historical sources reviewed are provided in Appendix A and in Figures 3 and 4 of the previously submitted Source Area Investigation Work Plan. According to this historical information, the Site was developed in stages with the original

buildings developed from 1955 to 1958 and additions to the development added in the 1960s, 1970s, and 1980s. The adjoining property to the south identified as the SFAP was developed in 1961, with additions to the development added in 1963.

From approximately 1956 until at least 1969, the tenant space located at 736 Foote Avenue was occupied by two drycleaners, Triangle Cleaners and Anderson Cleaners, respectively. Triangle Cleaners occupied 736 Foote Avenue from 1956 until approximately 1966. Anderson Cleaners occupied 736 Foote Avenue until at least 1969. Anderson Cleaners is listed as having relocated to the 750 Foote Avenue tenant space along with the Whirley Wash Laundromat in the 1979, 1980, and 1981 city directories. Sometime after 1981, Anderson Cleaners moved out of this tenant space to 812 Foote Avenue, approximately one block south of the Site. The former Triangle and Anderson Cleaners tenant space at 736 Foote Avenue has since been redeveloped along with several adjoining tenant spaces into the current anchor tenant space occupied by Tops Market.

Whirley Wash operated as a self-serve Laundromat out of the 750 Foote Avenue tenant space from approximately 1961 until 1994 and is consistently listed in city directories as occupying this address for the entire time period. According to city directories, Whirley Wash Drycleaners was added to the Whirley Wash Laundromat at this same address in 1988 and is listed at this same address through the 1994 city directory. In addition, according to the 1981 Sanborn Fire Insurance Map, provided as **Figure 2**, 750 Foote Avenue is located on the existing SFAP property in 1981.

Apex was provided a map from the SFAP property owners which shows the Whirley Wash located in the southernmost tenant space on the Site in April 1963. This map is provided in Appendix A of the previously submitted Source Area Investigation Work Plan. The Whirley Wash at this time (1963) was a Laundromat only and did not become a drycleaner until 1988, when 750 Foote Avenue was located on the existing SFAP property. Anderson Cleaners, which is documented as having occupied the 750 Foote Avenue tenant space in 1979 through 1981, is listed as being south of 748 Foote Avenue (Ross Shoes) in the 1979/1980/1981 city directories. In addition, the 750 Foote Avenue address is shown south of Burtch Street on the 1981 Sanborn Map provided as **Figure 2**. The address of 748 Foote Avenue is part of the existing SFAP property and is shown on the 1981 Sanborn Map as being on the SFAP property. Burtch Street intersects Foote Avenue immediately across from the SFAP property and south of the Site/SFAP property boundary, as shown in **Figures 1 and 2**.

Based on this historical information, the only drycleaners to historically occupy the Site were the Triangle Cleaners and Anderson Cleaners in the 736 Foote Avenue tenant space from 1956 until at least 1969. Two drycleaners have also historically occupied the adjacent and upgradient SFAP property in the 750 Foote Avenue tenant space, Anderson Cleaners from 1979 until at least 1981, and Whirley Wash Drycleaners from 1988 until 1994. In addition, according to the

1981 Sanborn Fire Insurance Map, 750 Foote Avenue was already identified as being a tenant space located on the existing SFAP property. The location of these former drycleaners are shown in relation to the existing Site and SFAP property footprints in **Figure 3**.

## **SOURCE AREA INVESTIGATION**

Apex performed source area investigation activities at the Site from April 15-17, 2015. The source area investigation activities involved the collection of soil and groundwater samples from five soil borings (SB-9, SB-10, SB-12, SB-13, and SB-14) and three permanent monitoring wells (MW-12, MW-13, and MW-14) installed at the Site. The location of these soil borings and monitoring wells are shown in conjunction with previous sampling locations at the Site and SFAP property on **Figure 3**. Prior to initiating investigation activities, Apex contacted the New York 811 utility notification service to locate public underground utilities at the Site. Apex also contracted with a private utility locate firm to locate private underground utilities inside the Tops Market tenant space. A discussion of source area investigation activities follows.

### **Soil Sampling**

Soil borings SB-9 -9, SB-10, SB-12, SB-13, and SB-14 were advanced in the location shown on **Figure 3** using a remote hydraulic actuated Geoprobe push cart unit. Soil samples from each boring were collected in two-foot intervals from ground surface to bedrock refusal, which ranged from a depth of 11.3 feet below ground surface (bgs) to 14.1 feet bgs. Typically, concrete and base gravel was underlain by clay and clayey silt with trace gravel. Soil boring logs are provided in **Attachment A**. All soil cuttings were collected in 5-gallon buckets and containerized in 55-gallon drums supplied by the drilling subcontractor, properly labeled, and stored onsite pending waste characterization and offsite disposal.

Disposable nitrile gloves were used during sample collection to provide dermal protection and to avoid cross-contamination. Each recovered soil sample was split and placed in two sealed containers. One split portion was collected in laboratory provided glass jars, labeled, and immediately preserved on ice. The other split portion was collected in plastic zip-lock bags and allowed to equilibrate for a minimum of 30 minutes in a temperature-controlled environment. The bagged samples were then screened with a photoionization detector (PID) for the presence of volatile organic compounds (VOCs).

The two sampling intervals with the highest headspace PID readings were selected from each soil boring for analysis. Soil samples were submitted to ESC Lab Sciences in Mt. Juliet, TN for analysis of VOCs using USEPA Method 8260B. Chain-of-custody (COC) procedures were followed during all soil sample collection and handling activities. The laboratory analytical report and COC documentation is provided in **Attachment B**.

### **Monitoring Well Installation**

Three of the five soil borings (SB-12, SB-13, and SB-14), were converted into permanent monitoring wells. Each well was constructed of a 5-foot long, 1-inch diameter, 10-slot PVC well screen and 1-inch diameter PVC riser pipe extending the remaining footage to ground surface. No. 2 graded silica sand was used to fill the annular space from the bottom of the boring to approximately 2 feet bgs. The remainder of the borehole was filled with bentonite to a depth of 6 inches bgs and a well monument, complete with a water tight manhole cover was installed flush with ground surface. Monitoring well completion details are provided on the soil borings logs in **Attachment A**.

### **Groundwater Sampling**

Following monitoring well installation, each well was developed by surging with a surge block and removing groundwater using a peristaltic pump in conjunction with disposable polyethylene tubing. A minimum of 5 well volumes of groundwater was removed from each well during development.

On April 17, 2015, all three newly installed monitoring wells were purged and sampled. Groundwater was removed using a peristaltic pump in conjunction with disposable polyethylene tubing during purging until water quality parameters, including pH, conductivity, and temperature stabilized. Copies of the groundwater sampling purge logs can be found in **Attachment C**. All purge water was collected in 5-gallon buckets and containerized in 55-gallon drums supplied by the drilling subcontractor, properly labeled, and stored onsite pending waste characterization and offsite disposal.

The groundwater samples were collected in appropriate laboratory supplied sample containers, labeled, and preserved on ice and transported under standard COC procedures to ESC for analysis of VOCs by Method 8260B. The laboratory analytical report and COC documentation for the groundwater samples is provided in **Attachment D**.

### **FINDINGS**

Soil and groundwater analytical results discussed below include those from previous site investigations at the Southside Plaza as well as the most recent analytical results from this limited investigation in a potential source area. Soil analytical results are compared to New York State Department of Environmental Conservation (NYSDEC) Soil Cleanup Objectives (SCOs), as published in 6 NYCRR Part 375, effective December 14, 2006. Groundwater analytical results are compared to NYSDEC Division of Water Technical and Operational

Guidance Series (1.1.1) Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limits (TOGS111).

### **Soil Results**

Soil analytical results indicate detections of several drycleaning VOCs, including tetrachloroethylene (PCE) in SB-10, SB-12, and SB-13, trichloroethylene (TCE) in SB-13, and cis-1,2-dichloroethylene (cis-1,2-DCE) in SB-13, at concentrations above laboratory detection limits. Detected concentrations are below corresponding NYSDEC Unrestricted Use SCOs with the exception of the PCE concentration in the soil sample collected from the 4-8 foot interval from SB-12 (1,300 µg/kg) and the PCE concentration in the soil sample collected from the 6-10 foot interval from SB-13 (14,000 µg/kg). No other drycleaning VOCs were detected in any soil samples collected during the source area investigation. Soil analytical results are presented in **Table 1** along with previously collected soil analytical data from prior investigations at the Site and SFAP property. Maximum PCE concentrations detected in soil samples during this investigation and previous assessments are shown on **Figure 4**.

### **Groundwater Results**

Groundwater analytical results indicated detections of drycleaning VOCs above laboratory detection limits, including PCE in MW-12, MW-13, and MW-14, TCE and cis-1,2-DCE in MW-12 and MW-13, and 1,1-dichloroethene (1,1-DCE), 1,1,1-trichloroethane (1,1,1-TCA), trans-1,2-dichloroethylene (trans-1,2-DCE), and vinyl chloride (VC) in MW-13. 1,1,1-TCA was also detected in MW-12. All detected concentrations of PCE, TCE, and VC exceed corresponding NYSDEC groundwater standards. In addition, 1,1-DCE, 1,1,1-TCA, cis-1,2-DCE, and trans-1,2-DCE were detected at concentrations that exceed corresponding NYSDEC groundwater standards in MW-13. Groundwater analytical results are presented in **Table 2** along with previously collected groundwater analytical data from prior investigations at the Site and adjacent SFAP property. PCE concentrations detected in groundwater samples during this investigation and previous assessments are shown on **Figure 5**.

## **CONCLUSIONS**

Based on the results of this limited investigation of a potential source area, Apex concludes the following:

- None of the soil, groundwater, or sub-slab vapor data collected during this potential source area investigation, nor the sub-slab vapor sampling data (provided herein in **Attachment E**) collected during previous assessments, indicate that the source of drycleaning VOCs detected at the Site originated from the former onsite drycleaner at

736 Foote Avenue.

- Historically, the highest concentration of PCE detected in groundwater at the Site was detected in MW-13 at 32,000 µg/l. The second highest PCE detection in groundwater was from the groundwater sample collected from MW-12, at 4,200 µg/l. These are the highest PCE concentrations detected during either this source area investigation or during the other previous assessments. MW-13 was installed along the property boundary between the Site and adjacent SFAP property approximately 6 feet north of the south wall of the Tops Market. MW-12 is also installed along the property boundary approximately 2 feet north of the south wall of the Tops Market. Coupled with the previously documented groundwater flow direction to the northeast, these detections of PCE right along the property boundary (and previous historical research) suggests that a source of drycleaning VOCs may exist south of the property boundary on the adjacent SFAP property.
- Historically, the maximum concentration of PCE detected in soil at the Site was detected in SB-13 at 14,000 µg/kg. This is the highest PCE concentration detected in soil during either this source area investigation or during the other previous assessments. SB-13 was also located on the northern side of the property boundary between the Site and SFAP property approximately 6 feet from the south wall of the Tops Market. In addition, field screening from SB-13 shows that screening levels are elevated at depth (6-10 foot sample) but not elevated at similar levels at shallower depths, suggesting that the source for the PCE in SB-13 likely did not originate directly above SB-13, but may have migrated from an upgradient source (former offsite drycleaner) to this depth. Therefore, Apex believes it likely that higher concentrations of PCE may be found at shallower depths immediately upgradient of SB-13 on the SFAP property. (It should be noted that this soil sample ended up being below the water table as measured during groundwater sampling in April 2015).
- Concentrations of PCE and TCE were detected at concentrations above corresponding NYSDOH Mitigate Guidance Action concentrations in the sub-slab vapor sample collected from sub-slab vapor probe SS-6 and PCE was detected at a concentration above the corresponding NYSDOH Mitigate Guidance Action concentration in the sub-slab vapor sample collected from SS-7. Both of these vapor probes were installed in the Salon 1 tenant space south of the Site property boundary. The concentration of PCE detected in SS-6 is the highest sub-slab vapor concentration detected in investigations at the two properties, suggesting the source of drycleaning solvent impact at the Site may have originated from the former offsite drycleaner (750 Foote Avenue tenant space).

Based on the distribution of drycleaning VOCs in sub-slab vapor samples, soil samples, and groundwater samples collected from the Southside Plaza property, Apex concludes that the source of the drycleaning chemical release is likely from the former offsite drycleaner at 750 Foote Avenue. In addition, based on the lack of evidence for drycleaning VOCs in the former onsite drycleaner at 736 Foote Avenue and on the findings of drycleaning VOCs in relation to the former offsite drycleaner at 750 Foote Avenue, Apex concludes that the source of the drycleaning chemical release is not from the former onsite drycleaner at 736 Foote Avenue.

Please feel free to call us with any questions that you may have.

Sincerely,  
**Apex Companies, LLC.**



Jeff Lower, P.E.  
Division Manager



Adam Flege, P.G.  
Senior Geologist

Attachments - Tables  
Figures  
Attachments

## **TABLES**



**Table 1**  
**Soil Analytical Results**

Southside Plaza  
704-744 Foote Avenue  
Jamestown, New York

Soil Sample ID	SB-01	SB-02	SB-03	SB-04	SB-5	SB-6	SB-7	Unrestricted Use Soil Cleanup Objectives
Sampling Date	8/18/2008	8/18/2008	8/18/2008	8/18/2008	3/31/2010	3/31/2010	3/31/2010	
Sample Interval	12-14 feet	1-2 feet	10-12 feet	8-10 feet	4-8 feet	8-12 feet	12-16 feet	
<b>Volatile Organic Compounds (µg/kg)</b>								
Benzene	<10	<10	<10	<10	NA	NA	NA	60
Toluene	<10	<10	<10	<10	NA	NA	NA	700
Ethylbenzene	<10	<10	<10	<10	NA	NA	NA	1,000
Xylenes (total)	<10	<10	<10	<10	NA	NA	NA	1,600
Methyl Tertiary Butyl Ether	<10	<10	<10	<10	NA	NA	NA	930
1,1-Dichloroethene	<10	<10	<10	<10	<12	<12	<12	330
1,1,1-Trichloroethane	<10	<10	<10	<10	<12	<12	<12	680
cis-1,2-Dichloroethylene	<10	<10	<10	<10	<12	<12	<12	250
trans-1,2-Dichloroethylene	<10	<10	<10	<10	<12	<12	<12	190
Methylene chloride	<10	<10	<10	<10	19 J,B	18 J,B	18 J,B	50
Tetrachloroethylene	<10	<10	<10	<10	<12	<12	<12	1,300
Trichloroethylene	<10	<10	<10	<10	<12	<12	<12	470
Vinyl Chloride	<10	<10	<10	<10	<12	<12	<12	20

Soil Sample ID	SB-8	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	Unrestricted Use Soil Cleanup Objectives
Sampling Date	3/31/2010	5/25/2010	5/25/2010	5/25/2010	5/25/2010	5/25/2010	2/1/2011	
Sample Interval	4-8 feet	8-10 feet	6-8 feet	8-10 feet	6-8 feet	4-6 feet	14-16 feet	
<b>VOCs (µg/kg)</b>								
1,1-Dichloroethene	<12	<12	<12	<12	<12	<12	<11	330
1,1,1-Trichloroethane	<12	<12	<12	<12	<12	<12	<11	680
cis-1,2-Dichloroethylene	<12	<12	<12	<12	<12	<12	<11	250
trans-1,2-Dichloroethylene	<12	<12	<12	<12	<12	<12	<11	190
Methylene chloride	17 J,B	28 B	28 B	28 B	26 B	24 B	19 J,B	50
Tetrachloroethylene	3.5 J	<12	<12	37	<12	<12	<11	1,300
Trichloroethylene	<12	<12	<12	4 J	<12	<12	<11	470
Vinyl Chloride	<12	<12	<12	<12	<12	<12	<11	20

Soil Sample ID	MW-7	MW-8		MW-9	MW-10A		MW-11	Unrestricted Use Soil Cleanup Objectives
Sampling Date	2/1/2011	12/6/2011	12/6/2011	12/6/2011	12/7/2011	12/7/2011	12/7/2011	
Sample Interval	12-14 feet	4-6 feet	10-12 feet	10-12 feet	6-8 feet	8-10 feet	6-8 feet	
<b>VOCs (µg/kg)</b>								
1,1-Dichloroethene	<11	<5.7	<5.7	<5.9	<5.6	<5.4	<5.6	330
1,1,1-Trichloroethane	<11	<5.7	<5.7	<5.9	<5.6	<5.4	<5.6	680
cis-1,2-Dichloroethylene	<11	<5.7	<5.7	<5.9	<5.6	<5.4	<5.6	250
trans-1,2-Dichloroethylene	<11	<5.7	<5.7	<5.9	<5.6	<5.4	<5.6	190
Methylene chloride	20 J,B	<22.6	<22.8	<23.6	<22.6	<21.7	<22.3	50
Tetrachloroethylene	110	<5.7	9.7	<5.9	<5.6	<5.4	<5.6	1,300
Trichloroethylene	<11	<5.7	<5.7	<5.9	<5.6	<5.4	<5.6	470
Vinyl Chloride	<11	<5.7	<5.7	<5.9	<5.6	<5.4	<5.6	20

Soil Sample ID	SB-9		SB-10		SB-12		Unrestricted Use Soil Cleanup Objectives
Sampling Date	4/16/2015	4/16/2015	4/16/2015	4/16/2015	4/15/2015	4/15/2015	
Sample Interval	0-2 feet	6-8 feet	6-8 feet	10-12 feet	4-8 feet	8-11 feet	
<b>VOCs (µg/kg)</b>							
1,1-Dichloroethene	<6.7	<6.4	<5.8	<5.9	<5.8	<6.2	330
1,1,1-Trichloroethane	<6.7	<6.4	<5.8	<5.9	<5.8	<6.2	680
cis-1,2-Dichloroethylene	<6.7	<6.4	<5.8	<5.9	<5.8	<6.2	250
trans-1,2-Dichloroethylene	<6.7	<6.4	<5.8	<5.9	<5.8	<6.2	190
Methylene chloride	<33	<32	<29	<30	<29	<31	50
Tetrachloroethylene	<6.7	<6.4	950	1,100	1,300	300	1,300
Trichloroethylene	<6.7	<6.4	<5.8	<5.9	<5.8	<6.2	470
Vinyl Chloride	<6.7	<6.4	<5.8	<5.9	<5.8	<6.2	20

**Table 1**  
**Soil Analytical Results**

Southside Plaza  
704-744 Foote Avenue  
Jamestown, New York

Soil Sample ID	SB-13		SB-14		Unrestricted Use Soil Cleanup Objectives
	4/15/2015	4/15/2015	4/16/2015	4/16/2015	
Sample Interval	6-10 feet	10-13.5 feet	2-4 feet	8-12 feet	
<b>VOCs (µg/kg)</b>					
1,1-Dichloroethene	<6	<5.7	<6.6	<5.8	330
1,1,1-Trichloroethane	<6	<5.7	<6.6	<5.8	680
cis-1,2-Dichloroethylene	<b>58</b>	<5.7	<6.6	<5.8	250
trans-1,2-Dichloroethylene	<6	<5.7	<6.6	<5.8	190
Methylene chloride	<30	<28	<b>41</b>	<29	50
Tetrachloroethylene	<b>14,000</b>	<b>840</b>	<6.6	<5.8	1,300
Trichloroethylene	<b>21</b>	<5.7	<6.6	<5.8	470
Vinyl Chloride	<6	<5.7	<6.6	<5.8	20

**Notes :**

Bold - Values exceed laboratory detection limits.

J - Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL); therefore, the result is an estimated concentration.

B - Analyte is found in the associated analysis batch blank.

NA - Parameter not analyzed.

Unrestricted Use Soil Cleanup Objectives Table 375-6.8(a). NYSDEC Subpart 375-6: Remedial Program Soil Cleanup Objectives. December 14, 2006.

**Table 2  
Groundwater Analytical Results**

Southside Plaza  
704-744 Foote Avenue  
Jamestown, New York

Temporary Monitoring Well ID	SB-01	SB-02	SB-03	GW-5	GW-6	GW-7	GW-8	GW-9	NYSDEC TOGS111 Groundwater Standard *
Sampling Date	8/18/2008	8/18/2008	8/18/2008	3/31/2010	3/31/2010	3/31/2013	3/31/2013	3/31/2013	
<b>Volatile Organic Compounds (µg/L)</b>									
Benzene	<5	<5	<5	NA	NA	NA	NA	NA	1
Toluene	<5	<5	<5	NA	NA	NA	NA	NA	5
Ethylbenzene	<5	<5	<5	NA	NA	NA	NA	NA	5
Xylene	<5	<5	<5	NA	NA	NA	NA	NA	5
Methyl Tertiary Butyl Ether	<5	<5	<5	NA	NA	NA	NA	NA	NS
1,1-Dichloroethene	<5	<5	<5	<5	<5	<5	<5	<5	5
1,1,1-Trichloroethane	<5	<5	<5	<5	<5	<5	<5	<5	5
cis-1,2-Dichloroethylene	<5	<5	<5	<5	<5	<5	<5	<5	5
trans-1,2-Dichloroethylene	<5	<5	<5	<5	<5	<5	<5	<5	5
Methylene chloride	<5	<5	<5	3.5 J,B	3.9 J,B	3.8 J,B	3.9 J,B	3.8 J,B	5
Tetrachloroethylene	<u>62</u>	<5	<5	<u>50</u>	<u>53</u>	<5	<u>22</u>	<u>31</u>	5
Trichloroethylene	<5	<5	<5	1 J	2.2 J	<5	<5	2.3	5
Vinyl Chloride	<5	<5	<5	<5	<5	<5	<5	<5	2

Monitoring Well ID	MW-1	MW-2	MW-3	MW-3 Duplicate	MW-4	MW-5	MW-6	NYSDEC TOGS111 Groundwater Standard *
Sampling Date	6/1/2010	6/1/2010	6/1/2010	6/1/2010	6/1/2010	6/1/2010	4/14/2011	
<b>Volatile Organic Compounds (µg/L)</b>								
1,1-Dichloroethene	<5	<5	<5	<5	<5	<5	<5	5
1,1,1-Trichloroethane	<5	<5	<5	<5	<5	<5	<5	5
cis-1,2-Dichloroethylene	3.2 J	2.8 J	1.8 J	1.8 J	<5	<5	<u>63</u>	5
trans-1,2-Dichloroethylene	<5	<5	<5	<5	<5	<5	3.6 J	5
Methylene chloride	5.0 J,B	4.2 J,B	3.5 J,B	4.4 J,B	3.0 J,B	2.6 J,B	<u>5.3 J,B</u>	5
Tetrachloroethylene	<u>210</u>	<u>2,300</u>	<u>190</u>	<u>200</u>	<5	<u>110</u>	<u>1,200</u>	5
Trichloroethylene	<u>9.4</u>	<u>39</u>	4.2 J	3.7 J	<5	<u>6.4</u>	<u>28</u>	5
Vinyl Chloride	<u>2.9 J</u>	<5	<5	<5	<5	<5	<u>2.8 J</u>	2

Monitoring Well ID	MW-7	MW-7 Duplicate	MW-8	MW-8 Duplicate	MW-9	MW-10A	MW-11	NYSDEC TOGS111 Groundwater Standard *
Sampling Date	4/14/2011	4/14/2011	12/13/2011	12/13/2011	12/13/2011	12/13/2011	12/13/2011	
<b>Volatile Organic Compounds (µg/L)</b>								
1,1-Dichloroethene	<5	<5	<1	<1	<1	<1	<1	5
1,1,1-Trichloroethane	<5	<5	<1	<1	<1	<1	<1	5
cis-1,2-Dichloroethylene	<5	<5	<1	<1	<1	<1	<1	5
trans-1,2-Dichloroethylene	<5	<5	<4	<4	<4	<4	<4	5
Methylene chloride	4.7 J,B	4.9 J,B	<4	<4	<4	<4	<4	5
Tetrachloroethylene	1.0 J	<5	<u>31.6</u>	<u>31.8</u>	<1	<1	<u>11.5</u>	5
Trichloroethylene	<5	<5	<1	<1	<1	<1	<1	5
Vinyl Chloride	<5	<5	<0.4	<0.4	<0.4	<0.4	<0.4	2

Monitoring Well ID	MW-12	MW-13	MW-13D	MW-14	NYSDEC TOGS111 Groundwater Standard *
Sampling Date	4/17/2015	4/17/2015	4/17/2015	4/17/2015	
<b>Volatile Organic Compounds (µg/L)</b>					
1,1-Dichloroethene	<1	<u>5.8</u>	<u>5.7</u>	<1	5
1,1,1-Trichloroethane	3	<u>26</u>	<u>26</u>	<1	5
cis-1,2-Dichloroethylene	1.7	<u>530</u>	<u>490</u>	<1	5
trans-1,2-Dichloroethylene	<1	<u>7.2</u>	<u>6.9</u>	<1	5
Methylene chloride	<5	<5	<5	<5	5
Tetrachloroethylene	<u>4,200</u>	<u>32,000</u>	<u>30,000</u>	<u>51</u>	5
Trichloroethylene	<u>6.8</u>	<u>180</u>	<u>180</u>	<1	5
Vinyl Chloride	<1	14	14	<1	2

**Notes :**

Bold/Underlined - Values exceed NYSDEC TOGS111 Groundwater Standard.

J - Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL); therefore, the result is an estimated concentration.

B - Analyte is found in the associated analysis batch blank.

NA - Parameter not analyzed.

NS - No standard or guidance value for groundwater is available for this substance.

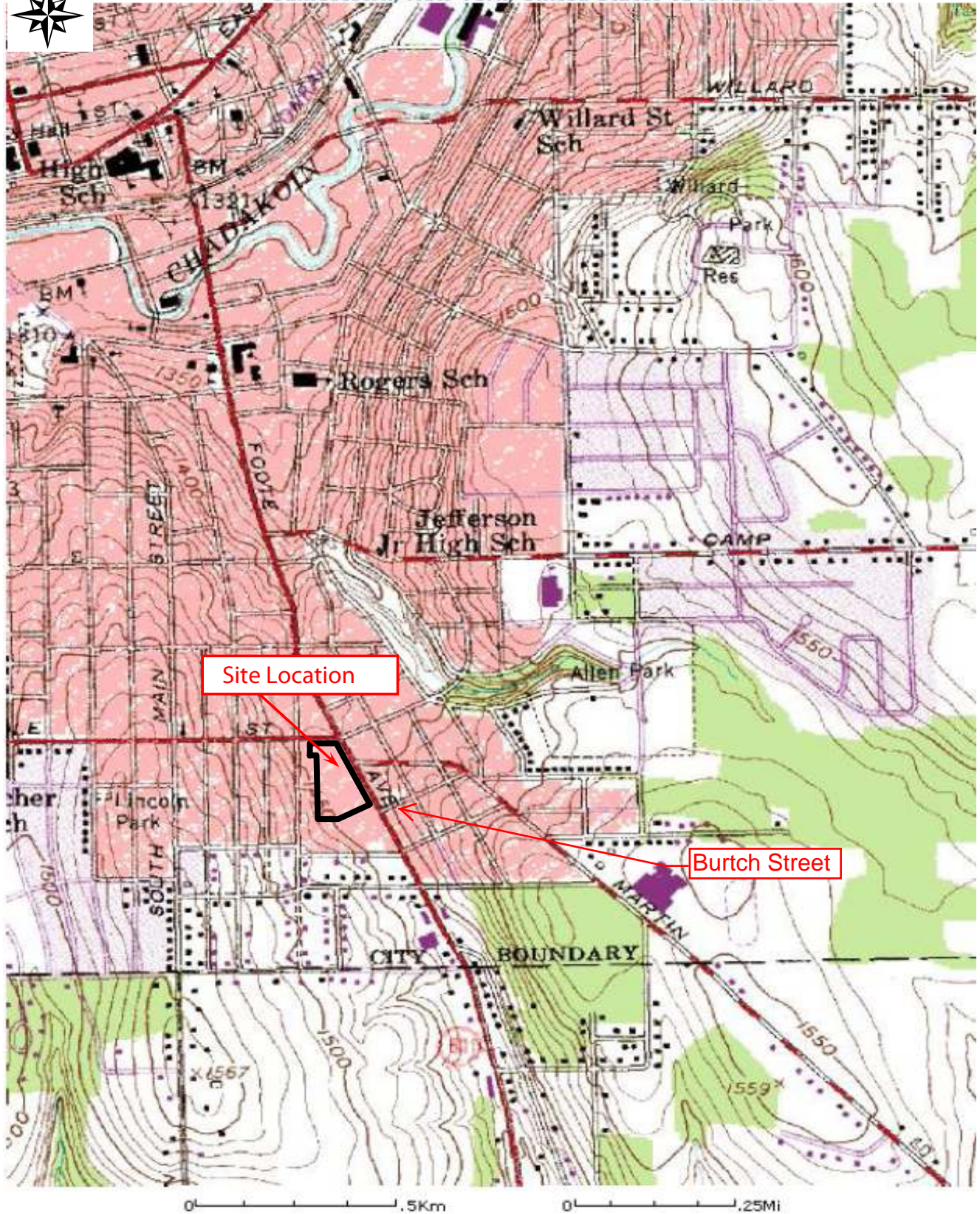
\* NYSDEC Class GA Ambient Water Quality Standards and Guidance Values, NYSDEC Division of Water Quality and Operational Guidance Series (1.1.1) - Ambient Water Quality and Guidance Values and Effluent Limitations Reissued June 1998.

## **FIGURES**

N



USGS Jamestown, New York, United States 01 Jul 1990

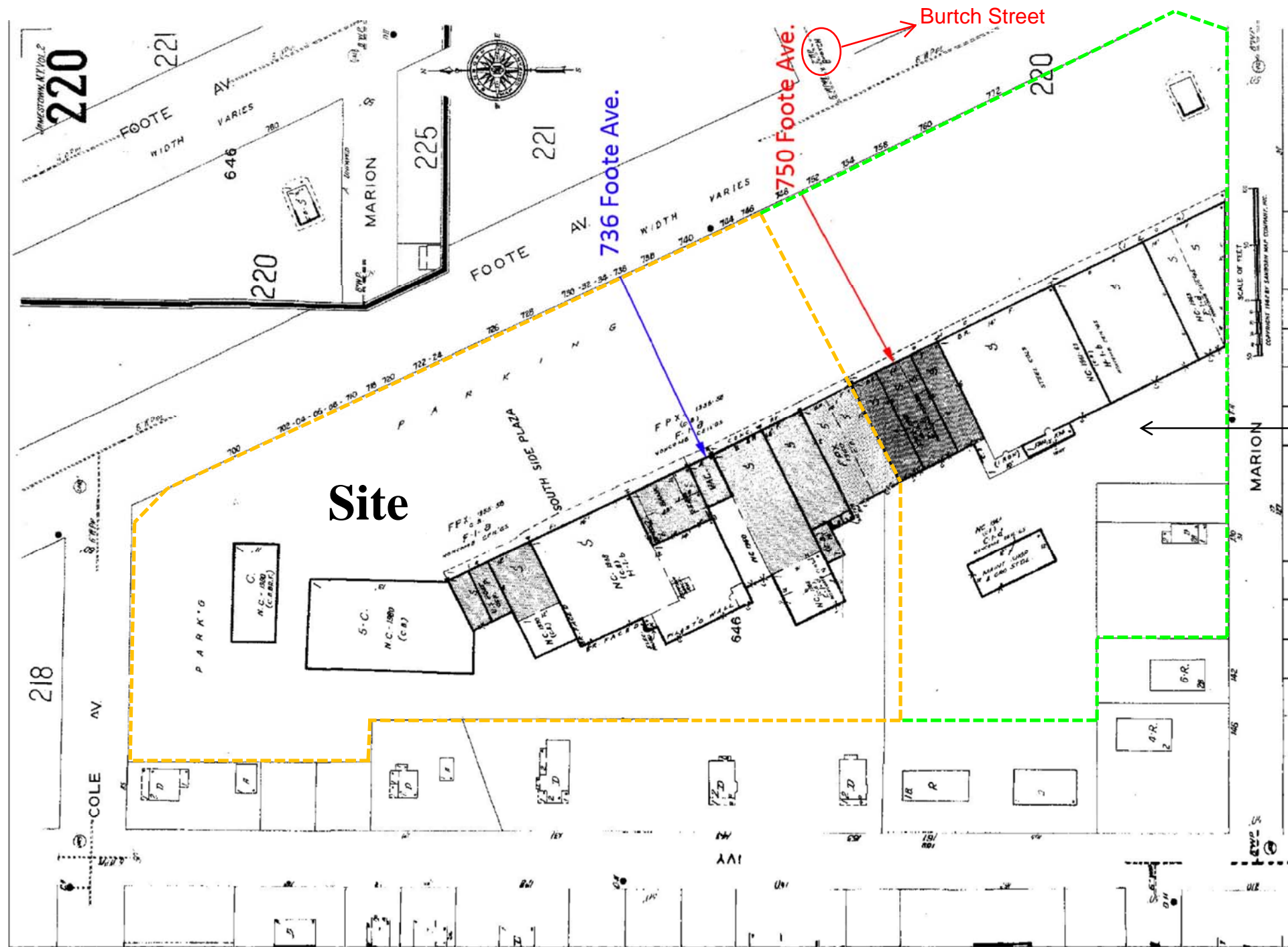


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Southside Plaza  
704 - 744 Foote Avenue  
Jamestown, New York

Figure 1:  
Site Location Map





**Southside Foote Avenue Plaza**

**Legend**

- - - = Site - Approximate Property Boundary
  - - - = SFAP property - Approximate Property Boundary
- Scale = 1 inch = 80 feet

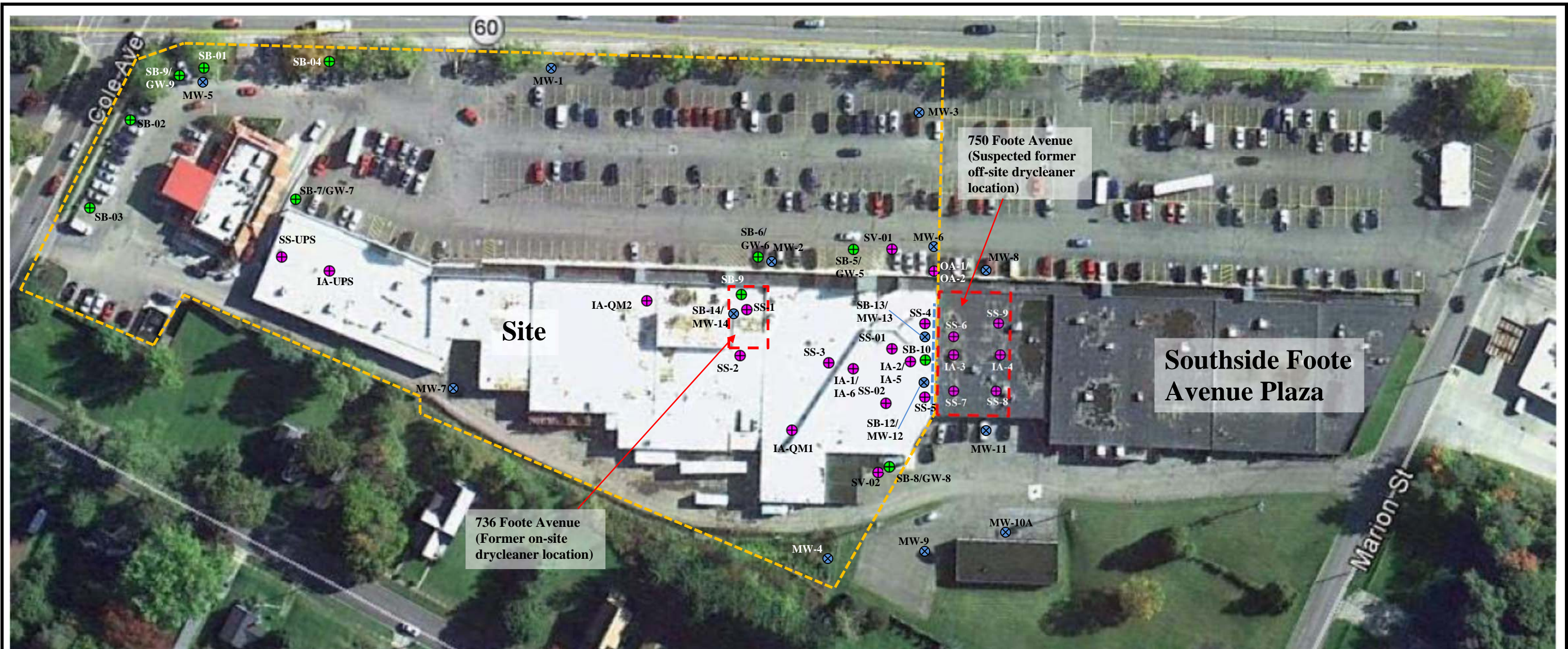


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**Southside Plaza**  
704-744 Foote Avenue  
Jamestown, NY 14701

**Figure 2:**  
1981 Sanborn Fire Insurance Map





**Legend**

- ⊗ = Monitoring Well (MW) Locations
- ⊕ = Soil Boring (SB) Locations
- ⊕ = Air Sample Locations (Outdoor Air – OA, Indoor Air – IA, Sub-Slab – SS, Soil-Gas – SV)
- - - = Approximate Property Boundary
- - - = Sub-Slab Depressurization System Location

Scale = 1 inch = 80 feet

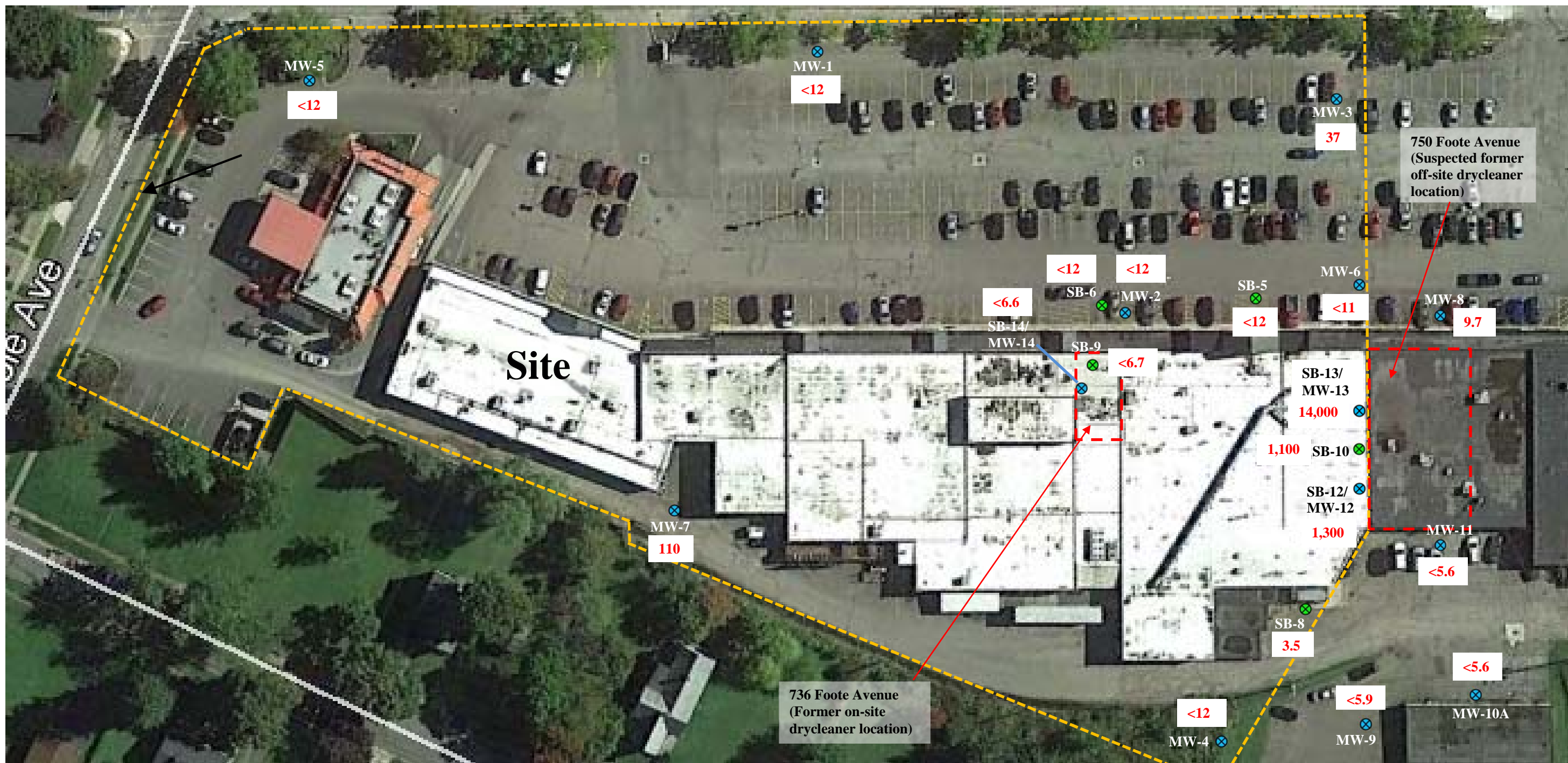


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**Southside Plaza**  
 704-744 Foote Avenue  
 Jamestown, NY 14701

**Figure 3:**  
 Sample Location Map





**Legend**  
 --- = Approximate Property Boundary  
 ⊗ = Monitoring Well Locations  
 ⊗ = Soil Boring Locations  
 Scale = 1 inch = 25 feet

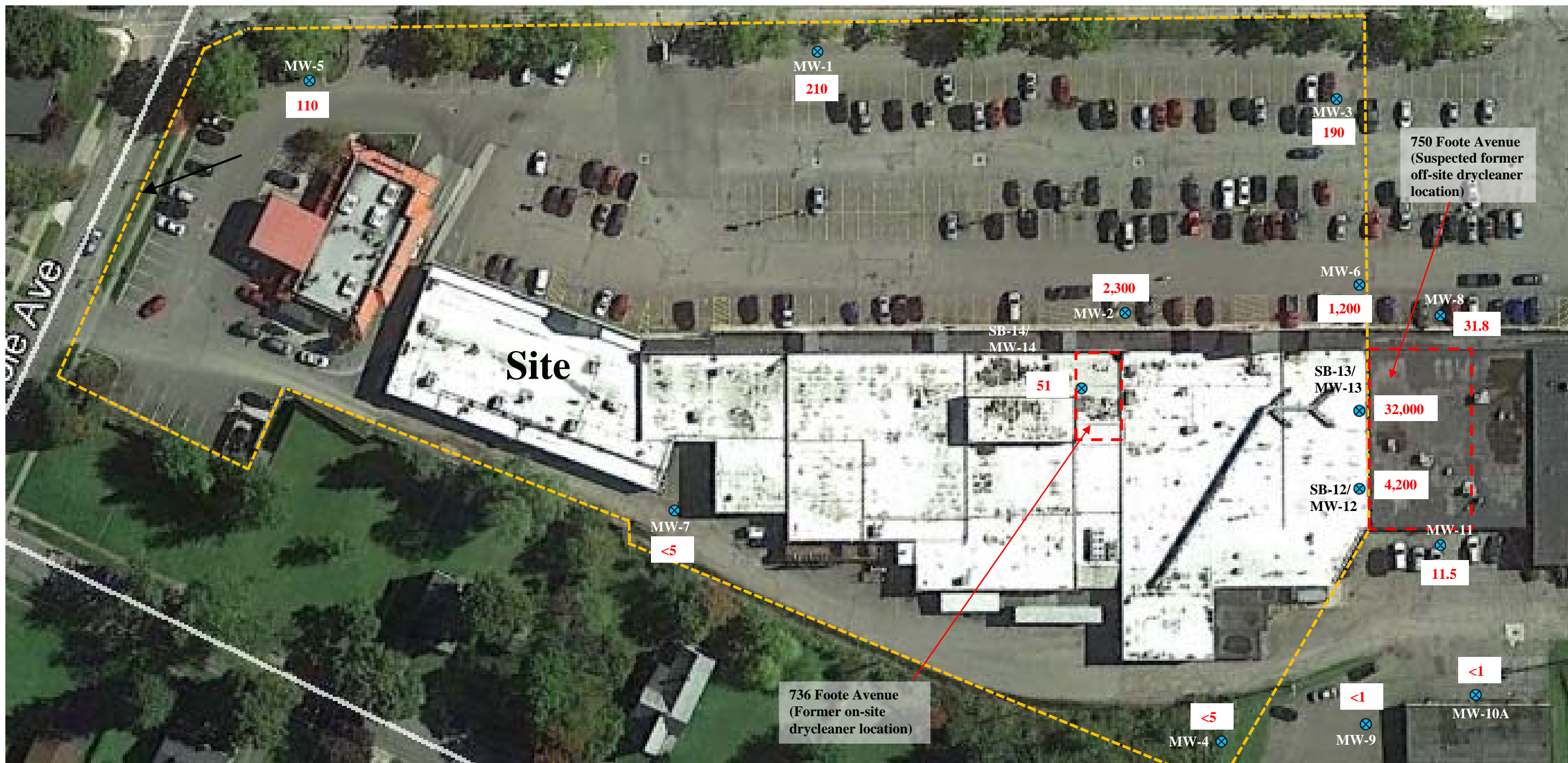


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**Southside Plaza**  
 704-744 Foote Avenue  
 Jamestown, NY 14701

**Figure 4:**  
 PCE Soil Analytical Results (µg/kg)





**Legend**  
 - - - = Approximate Property Boundary  
 ⊗ = Monitoring Well Locations  
 Scale = 1 inch = 25 feet



155 Tri-County Parkway, Suite 250, Cincinnati, Ohio 45246

**Southside Plaza**  
 704-744 Foote Avenue  
 Jamestown, NY 14701

**Figure 5:**  
 PCE Groundwater Analytical Results (µg/L)

# **ATTACHMENT A**

## **Soil Boring Logs**



**SOIL BORING LOG**

Project: <u>SOUTHSIDE PLAZA SOURCE INVESTIGATION</u>		Drilling Method: <u>Direct Push Dolly Mntd Geoprobe420M</u>
Logged by: <u>TERRIE L SWANSON</u>		Drilling Contractor: <u>TREC</u>
Date: <u>4/16/2015</u>		Foreman: <u>Jim Agar</u>
Boring Depth: <u>14.1'</u>	<b>BORING ID:</b> <u>SB9</u>	Depth to Water (Date): <u>NA</u>
TOC Elevation: <u>NA - Interior Well</u>		

Depth (feet)	Sample Interval	Sample ID	PID (ppm)	Soil/Lithology Classification	Well Construction Diagram
1				0-6" concrete Loose, dry gray gravel	
2		SB9-0-2	8.7	Stiff, slightly moist dark brown clay with moderate gravel	
3				Loose, dry light yellowish brown sandy gravel Stiff, moist dark brown faintly mottled reddish brown clay with moderate gravel	
4			8.2		
5					
6			8.6	Stiff, wet dark brown faintly mottled reddish brown clay with moderate gravel	
7				Stiff, moist grayish brown clay with light gravel	
8		SB9-6-8	6.9	Very stiff, wet light brown clay	
9					
10				Very stiff, wet gray to olive gray clay	
11				Stiff, wet light brown to medium brown gravely clayey silt	
12			7.2		
13					
14			7.0	Very stiff, moist dark brown faintly mottled olive gray silt Refusal 14.1'	
15				Total Depth: <u>14.1</u> ft	
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					

Notes:  
 Located approximately 2' west of front (east) wall in the north entry / exit foyer and approximately 4' north of the adjoining office wall  
 background PID reading @ 6.7 ppm



**SOIL BORING LOG**

Project: SOUTHSIDE PLAZA SOURCE INVESTIGATION  
 Logged by: TERRIE L SWANSON  
 Date: 4/15/2015  
 Boring Depth: 11.4  
 TOC Elevation: NA - Interior Well

Drilling Method: Direct Push Dolly Mntd Geoprobe420M  
 Drilling Contractor: TREC  
 Foreman: Jim Agar  
 Depth to Water (Date): NA

<b>BORING ID:</b>	<b>SB10</b>
-------------------	-------------

Depth (feet)	Sample Interval	Sample ID	PID (ppm)	Soil/Lithology Classification	Well Construction Diagram
1				0-6" concrete Loose, dry gray gravel	
2			19.9	Stiff, dry gray to olive gray clayey silt with moderate gravel	
3					
4			17.9	No recovery Stiff, slightly moist light brown faintly mottled with gray silt with moderate gravel	
5					
6			29.7	Stiff, moist light brown faintly mottled gray silt with moderate gravel	
7				Stiff, wet light brown faintly mottled gray clayey silt with light gravel	
8		SB10-6-8	40.0	Stiff, moist light brown faintly mottled gray clayey silt with light gravel	
9				Stiff, wet light brown faintly mottled gray clayey silt with light gravel	
10			31.4	Very stiff, moist light brown clayey silt	
11				Stiff, wet light brown faintly mottled gray clayey silt with light gravel	
12		SB10-10-12	21.4	Very stiff, moist medium brown clayey silt with light gravel Shale rock, gray, soft easily broken between fingers. Refusal 11.4'	
				Total Depth: <u>11.4</u> ft	
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					

Notes:  
 Located approximately 46' west of front (east) wall and approximately 6' north of south wall  
 background PID reading @ 9.4 ppm



**SOIL BORING LOG**

Project: <u>SOUTHSIDE PLAZA SOURCE INVESTIGATION</u>		Drilling Method: <u>Direct Push Dolly Mntd Geoprobe420M</u>
Logged by: <u>TERRIE L SWANSON</u>		Drilling Contractor: <u>TREC</u>
Date: <u>4/15/2015</u>		Foreman: <u>Jim Agar</u>
Boring Depth: <u>11.3 ft</u>	<b>BORING ID:</b> <u>SB12 / MW12</u>	Depth to Water (Date): <u>2.95 ft (4-16-15)</u>
TOC Elevation: <u>NA - Interior Well</u>		

Depth (feet)	Sample Interval	Sample ID	PID (ppm)	Soil/Lithology Classification	Well Construction Diagram
1				0-6" concrete Loose, dry gray gravel No recovery	<p>The diagram shows a well casing starting at 0 feet and ending at 6.3 feet. A 1-inch diameter blank PVC casing is used from 0 to 6.3 feet. A 1-inch diameter slotted PVC screen is located from 6.3 to 11.3 feet. Soil layers are indicated: concrete (0-6"), granular bentonite (0.5'-2'), and #2 sand (2'-11.3' ft).</p>
2			9.9	Stiff, moist light brown silt with moderate gravel	
3					
4			10		
5					
6		SB12-4-8	48.5	Stiff, moist gray to olive gray clayey silt with little gravel	
7					
8					
9				Stiff, wet light brown clayey silt	
10		SB12-8-11.3	40.9	Stiff, moist medium to dark brown clayey silt	
11				Shale rock, gray, soft easily broken between fingers	
12				Refusal 11.3'	
				<b>Total Depth: 11.3 ft</b>	
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					

Notes:  
 Located approximately 65' west of front (east) wall (approximately 3.5' east of produce cooler) and approximately 2' north of south wall  
 background PID reading @ 8.1 ppm  
 $11.3 - 2.95 = 8.35'$  column  $\times 0.041 = 0.342$  gallon (well volume)  $\times 5 = 1.71$  gallons (development volume)  
 Pumped approximately 2 gallons during development



**SOIL BORING LOG**

Project: <u>SOUTHSIDE PLAZA SOURCE INVESTIGATION</u>		Drilling Method: <u>Direct Push Dolly Mntd Geoprobe420M</u>
Logged by: <u>TERRIE L SWANSON</u>		Drilling Contractor: <u>TREC</u>
Date: <u>4/15/2015</u>		Foreman: <u>Jim Agar</u>
Boring Depth: <u>13.5 ft</u>	<b>BORING ID:</b> <u>SB13 / MW13</u>	Depth to Water (Date): <u>3.96 ft (4-16-15)</u>
TOC Elevation: <u>NA - Interior Well</u>		

Depth (feet)	Sample Interval	Sample ID	PID (ppm)	Soil/Lithology Classification	Well Construction Diagram
1				0-6" concrete	<p>The diagram shows a well casing starting with 0-6" concrete at the top. Below this is granular bentonite (0.5' - 2') and #2 sand (2' - 13.5' ft). A 1-inch diameter Schedule 40 PVC blank casing is shown from 0 to 8.5 feet depth. A 1-inch diameter slotted PVC screen is located from 8.5 to 13.5 feet depth.</p>
2			57.4	Loose, dry gray gravel Stiff, dry gray to olive gray clayey silt with moderate gravel	
3					
4					
5				Stiff, slightly moist light brown faintly mottled with gray silt with moderate gravel	
6			66.1		
7				No recovery Stiff, slightly moist light brown faintly mottled gray silt with moderate gravel	
8		SB13-6-10	118.5	Stiff, moist light brown silt with moderate gravel	
9					
10				Stiff, wet light brown faintly mottled gray silt with light gravel	
11					
12					
13		SB13-10-13.5	79.8	Very stiff, moist light brown faintly mottled gray clayey silt with light gravel	
14				Refusal 13.5'	
<b>Total Depth: 13.5 ft</b>					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					

Notes:  
 Located approximately 14' west of front (east) wall and approximately 6' north of south wall  
 background PID reading @ 10.3 ppm  
 $13.5 - 3.96 = 9.54'$  column x 0.041 = 0.391 gallon (well volume) x 5 = 1.96 gallons (development volume)  
 Pumped approximately 2.25 gallons during development



**SOIL BORING LOG**

Project: SOUTHSIDE PLAZA SOURCE INVESTIGATION		Drilling Method: Direct Push Dolly Mntd Geoprobe420M	
Logged by: TERRIE L SWANSON		Drilling Contractor: TREC	
Date: 4/16/2015		Foreman: Jim Agar	
Boring Depth: 13.9 ft	<b>BORING ID:</b> SB14 / MW14	Depth to Water (Date): 4.75 ft (4-16-15)	
TOC Elevation: NA - Interior Well			

Depth (feet)	Sample Interval	Sample ID	PID (ppm)	Soil/Lithology Classification	Well Construction Diagram
1				0-6" concrete	<p>The diagram shows a well casing starting with 0-6" concrete. From 0-8.9', it is a 1-inch dia. Schedule 40 PVC blank casing. From 8.9' to 13.9', it is a 1-inch dia. slotted PVC screen. A #2 sand filter pack is shown from 2' to 13.9' ft.</p>
2			8.4	Loose, dry gray gravel Stiff, slightly moist light brown gravelly clayey silt	
3				Stiff, slightly moist gray to olive gray clayey silt	
4		SB14-2-4	8.8	Stiff, moist light brown clayey silt	
5				Stiff, slightly moist light brown clayey silt	
6			8.4		
7					
8			8.6	Stiff, moist light brown clayey silt	
9				Stiff, wet light brown clayey silt	
10				Stiff, moist gray to olive gray clayey silt	
11				Very stiff, slightly moist dark brown faintly mottled gray clayey silt	
12		SB14-8-12	8.5		
13					
14			8.4	Stiff, very wet light brown gravelly silt Very stiff, moist medium to dark brown clayey silt. Refusal 13.9'	
<b>Total Depth: 13.9' ft</b>					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					

Notes:  
 Located approximately 15' west of front (east) wall and in line with the north wall of the north entry / exit foyer  
 background PID reading @ 10.3 ppm  
 $13.9 - 4.75 = 9.15'$  column x 0.041 = 0.375 gallon (well volume) x 5 = 1.88 gallons (development volume)  
 Pumped approximately 2.25 gallons during development

# **ATTACHMENT B**

**Soil Laboratory Analytical  
Report and Chain-of-Custody Documentation**





12065 Lebanon Rd.  
Mt. Juliet, TN 37122  
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Tax I.D. 62-0814289

Est. 1970

Mr. Adam Flege  
Apex Environmental Inc. - Cincinnati  
155 Tri County Parkway Ste. 250  
Cincinnati, OH 45246

## Report Summary

Wednesday April 29, 2015

Report Number: L760073

Samples Received: 04/17/15

Client Project: 1200455

Description: Jamestown, NY

The analytical results in this report are based upon information supplied by you, the client, and are for your exclusive use. If you have any questions regarding this data package, please do not hesitate to call.

Entire Report Reviewed By:

Leslie Newton , ESC Representative

### Laboratory Certification Numbers

A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - 01157CA, CT - PH-0197,  
FL - E87487, GA - 923, IN - C-TN-01, KY - 90010, KYUST - 0016,  
NC - ENV375/DW21704/BIO041, ND - R-140. NJ - TN002, NJ NELAP - TN002,  
SC - 84004, TN - 2006, VA - 460132, WV - 233, AZ - 0612,  
MN - 047-999-395, NY - 11742, WI - 998093910, NV - TN000032011-1,  
TX - T104704245-11-3, OK - 9915, PA - 68-02979, IA Lab #364, EPA - TN002

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Est. 1970

REPORT OF ANALYSIS

Mr. Adam Flege  
 Apex Environmental Inc. - Cincinnati  
 155 Tri County Parkway Ste. 250  
 Cincinnati, OH 45246

April 29, 2015

Date Received : April 17, 2015  
 Description : Jamestown, NY  
 Sample ID : SB 12-4-8 FT  
 Collected By : Terrie L. Swanson  
 Collection Date : 04/15/15 21:55

ESC Sample # : L760073-01  
 Site ID : SOUTHSIDE PLAZA  
 Project # : 1200455

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	86.7		%	2540 G-2011	04/21/15	1
<b>Volatile Organics</b>						
Acetone	BDL	0.29	mg/kg	8260B	04/25/15	5
Acrylonitrile	BDL	0.058	mg/kg	8260B	04/25/15	5
Benzene	BDL	0.0058	mg/kg	8260B	04/25/15	5
Bromobenzene	BDL	0.0058	mg/kg	8260B	04/25/15	5
Bromodichloromethane	BDL	0.0058	mg/kg	8260B	04/25/15	5
Bromoform	BDL	0.0058	mg/kg	8260B	04/25/15	5
Bromomethane	BDL	0.029	mg/kg	8260B	04/25/15	5
n-Butylbenzene	BDL	0.0058	mg/kg	8260B	04/25/15	5
sec-Butylbenzene	BDL	0.0058	mg/kg	8260B	04/25/15	5
tert-Butylbenzene	BDL	0.0058	mg/kg	8260B	04/25/15	5
Carbon tetrachloride	BDL	0.0058	mg/kg	8260B	04/25/15	5
Chlorobenzene	BDL	0.0058	mg/kg	8260B	04/25/15	5
Chlorodibromomethane	BDL	0.0058	mg/kg	8260B	04/25/15	5
Chloroethane	BDL	0.029	mg/kg	8260B	04/25/15	5
2-Chloroethyl vinyl ether	BDL	0.29	mg/kg	8260B	04/25/15	5
Chloroform	BDL	0.029	mg/kg	8260B	04/25/15	5
Chloromethane	BDL	0.014	mg/kg	8260B	04/25/15	5
2-Chlorotoluene	BDL	0.0058	mg/kg	8260B	04/25/15	5
4-Chlorotoluene	BDL	0.0058	mg/kg	8260B	04/25/15	5
1,2-Dibromo-3-Chloropropane	BDL	0.029	mg/kg	8260B	04/25/15	5
1,2-Dibromoethane	BDL	0.0058	mg/kg	8260B	04/25/15	5
Dibromomethane	BDL	0.0058	mg/kg	8260B	04/25/15	5
1,2-Dichlorobenzene	BDL	0.0058	mg/kg	8260B	04/25/15	5
1,3-Dichlorobenzene	BDL	0.0058	mg/kg	8260B	04/25/15	5
1,4-Dichlorobenzene	BDL	0.0058	mg/kg	8260B	04/25/15	5
Dichlorodifluoromethane	BDL	0.029	mg/kg	8260B	04/25/15	5
1,1-Dichloroethane	BDL	0.0058	mg/kg	8260B	04/25/15	5
1,2-Dichloroethane	BDL	0.0058	mg/kg	8260B	04/25/15	5
1,1-Dichloroethene	BDL	0.0058	mg/kg	8260B	04/25/15	5
cis-1,2-Dichloroethene	BDL	0.0058	mg/kg	8260B	04/25/15	5
trans-1,2-Dichloroethene	BDL	0.0058	mg/kg	8260B	04/25/15	5
1,2-Dichloropropane	BDL	0.0058	mg/kg	8260B	04/25/15	5
1,1-Dichloropropene	BDL	0.0058	mg/kg	8260B	04/25/15	5
1,3-Dichloropropene	BDL	0.0058	mg/kg	8260B	04/25/15	5
cis-1,3-Dichloropropene	BDL	0.0058	mg/kg	8260B	04/25/15	5
trans-1,3-Dichloropropene	BDL	0.0058	mg/kg	8260B	04/25/15	5
2,2-Dichloropropane	BDL	0.0058	mg/kg	8260B	04/25/15	5
Di-isopropyl ether	BDL	0.0058	mg/kg	8260B	04/25/15	5
Ethylbenzene	BDL	0.0058	mg/kg	8260B	04/25/15	5
Hexachloro-1,3-butadiene	BDL	0.0058	mg/kg	8260B	04/25/15	5
Isopropylbenzene	BDL	0.0058	mg/kg	8260B	04/25/15	5

Results listed are dry weight basis.  
 BDL - Below Detection Limit  
 Det. Limit - Practical Quantitation Limit(PQL)  
 Note:

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 The reported analytical results relate only to the sample submitted



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Est. 1970

REPORT OF ANALYSIS

Mr. Adam Flege  
 Apex Environmental Inc. - Cincinnati  
 155 Tri County Parkway Ste. 250  
 Cincinnati, OH 45246

April 29, 2015

Date Received : April 17, 2015  
 Description : Jamestown, NY  
 Sample ID : SB 12-4-8 FT  
 Collected By : Terrie L. Swanson  
 Collection Date : 04/15/15 21:55

ESC Sample # : L760073-01  
 Site ID : SOUTHSIDE PLAZA  
 Project # : 1200455

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
p-Isopropyltoluene	BDL	0.0058	mg/kg	8260B	04/25/15	5
2-Butanone (MEK)	BDL	0.058	mg/kg	8260B	04/25/15	5
Methylene Chloride	BDL	0.029	mg/kg	8260B	04/25/15	5
4-Methyl-2-pentanone (MIBK)	BDL	0.058	mg/kg	8260B	04/25/15	5
Methyl tert-butyl ether	BDL	0.0058	mg/kg	8260B	04/25/15	5
Naphthalene	BDL	0.029	mg/kg	8260B	04/25/15	5
n-Propylbenzene	BDL	0.0058	mg/kg	8260B	04/25/15	5
Styrene	BDL	0.0058	mg/kg	8260B	04/25/15	5
1,1,1,2-Tetrachloroethane	BDL	0.0058	mg/kg	8260B	04/25/15	5
1,1,2,2-Tetrachloroethane	BDL	0.0058	mg/kg	8260B	04/25/15	5
1,1,2-Trichlorotrifluoroethane	BDL	0.0058	mg/kg	8260B	04/25/15	5
Tetrachloroethene	1.3	0.058	mg/kg	8260B	04/29/15	50
Toluene	BDL	0.029	mg/kg	8260B	04/25/15	5
1,2,3-Trichlorobenzene	BDL	0.0058	mg/kg	8260B	04/25/15	5
1,2,4-Trichlorobenzene	BDL	0.0058	mg/kg	8260B	04/25/15	5
1,1,1-Trichloroethane	BDL	0.0058	mg/kg	8260B	04/25/15	5
1,1,2-Trichloroethane	BDL	0.0058	mg/kg	8260B	04/25/15	5
Trichloroethene	BDL	0.0058	mg/kg	8260B	04/25/15	5
Trichlorofluoromethane	BDL	0.029	mg/kg	8260B	04/25/15	5
1,2,3-Trichloropropane	BDL	0.014	mg/kg	8260B	04/25/15	5
1,2,4-Trimethylbenzene	BDL	0.0058	mg/kg	8260B	04/25/15	5
1,2,3-Trimethylbenzene	BDL	0.0058	mg/kg	8260B	04/25/15	5
Vinyl chloride	BDL	0.0058	mg/kg	8260B	04/25/15	5
1,3,5-Trimethylbenzene	BDL	0.0058	mg/kg	8260B	04/25/15	5
Xylenes, Total	BDL	0.017	mg/kg	8260B	04/25/15	5
Surrogate Recovery						
Toluene-d8	105.		% Rec.	8260B	04/25/15	1
Dibromofluoromethane	106.		% Rec.	8260B	04/25/15	1
4-Bromofluorobenzene	101.		% Rec.	8260B	04/25/15	1

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Note:

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Reported: 04/29/15 15:46 Printed: 04/29/15 15:47



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Est. 1970

REPORT OF ANALYSIS

Mr. Adam Flege  
 Apex Environmental Inc. - Cincinnati  
 155 Tri County Parkway Ste. 250  
 Cincinnati, OH 45246

April 29, 2015

Date Received : April 17, 2015  
 Description : Jamestown, NY  
 Sample ID : SB 12-8-11.3 FT  
 Collected By : Terrie L. Swanson  
 Collection Date : 04/15/15 22:05

ESC Sample # : L760073-02  
 Site ID : SOUTHSIDE PLAZA  
 Project # : 1200455

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	80.2		%	2540 G-2011	04/21/15	1
<b>Volatile Organics</b>						
Acetone	BDL	0.31	mg/kg	8260B	04/25/15	5
Acrylonitrile	BDL	0.062	mg/kg	8260B	04/25/15	5
Benzene	BDL	0.0062	mg/kg	8260B	04/25/15	5
Bromobenzene	BDL	0.0062	mg/kg	8260B	04/25/15	5
Bromodichloromethane	BDL	0.0062	mg/kg	8260B	04/25/15	5
Bromoform	BDL	0.0062	mg/kg	8260B	04/25/15	5
Bromomethane	BDL	0.031	mg/kg	8260B	04/25/15	5
n-Butylbenzene	BDL	0.0062	mg/kg	8260B	04/25/15	5
sec-Butylbenzene	BDL	0.0062	mg/kg	8260B	04/25/15	5
tert-Butylbenzene	BDL	0.0062	mg/kg	8260B	04/25/15	5
Carbon tetrachloride	BDL	0.0062	mg/kg	8260B	04/25/15	5
Chlorobenzene	BDL	0.0062	mg/kg	8260B	04/25/15	5
Chlorodibromomethane	BDL	0.0062	mg/kg	8260B	04/25/15	5
Chloroethane	BDL	0.031	mg/kg	8260B	04/25/15	5
2-Chloroethyl vinyl ether	BDL	0.31	mg/kg	8260B	04/25/15	5
Chloroform	BDL	0.031	mg/kg	8260B	04/25/15	5
Chloromethane	BDL	0.016	mg/kg	8260B	04/25/15	5
2-Chlorotoluene	BDL	0.0062	mg/kg	8260B	04/25/15	5
4-Chlorotoluene	BDL	0.0062	mg/kg	8260B	04/25/15	5
1,2-Dibromo-3-Chloropropane	BDL	0.031	mg/kg	8260B	04/25/15	5
1,2-Dibromoethane	BDL	0.0062	mg/kg	8260B	04/25/15	5
Dibromomethane	BDL	0.0062	mg/kg	8260B	04/25/15	5
1,2-Dichlorobenzene	BDL	0.0062	mg/kg	8260B	04/25/15	5
1,3-Dichlorobenzene	BDL	0.0062	mg/kg	8260B	04/25/15	5
1,4-Dichlorobenzene	BDL	0.0062	mg/kg	8260B	04/25/15	5
Dichlorodifluoromethane	BDL	0.031	mg/kg	8260B	04/25/15	5
1,1-Dichloroethane	BDL	0.0062	mg/kg	8260B	04/25/15	5
1,2-Dichloroethane	BDL	0.0062	mg/kg	8260B	04/25/15	5
1,1-Dichloroethene	BDL	0.0062	mg/kg	8260B	04/25/15	5
cis-1,2-Dichloroethene	BDL	0.0062	mg/kg	8260B	04/25/15	5
trans-1,2-Dichloroethene	BDL	0.0062	mg/kg	8260B	04/25/15	5
1,2-Dichloropropane	BDL	0.0062	mg/kg	8260B	04/25/15	5
1,1-Dichloropropene	BDL	0.0062	mg/kg	8260B	04/25/15	5
1,3-Dichloropropane	BDL	0.0062	mg/kg	8260B	04/25/15	5
cis-1,3-Dichloropropene	BDL	0.0062	mg/kg	8260B	04/25/15	5
trans-1,3-Dichloropropene	BDL	0.0062	mg/kg	8260B	04/25/15	5
2,2-Dichloropropane	BDL	0.0062	mg/kg	8260B	04/25/15	5
Di-isopropyl ether	BDL	0.0062	mg/kg	8260B	04/25/15	5
Ethylbenzene	BDL	0.0062	mg/kg	8260B	04/25/15	5
Hexachloro-1,3-butadiene	BDL	0.0062	mg/kg	8260B	04/25/15	5
Isopropylbenzene	BDL	0.0062	mg/kg	8260B	04/25/15	5

Results listed are dry weight basis.  
 BDL - Below Detection Limit  
 Det. Limit - Practical Quantitation Limit(PQL)  
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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Mr. Adam Flege  
 Apex Environmental Inc. - Cincinnati  
 155 Tri County Parkway Ste. 250  
 Cincinnati, OH 45246

April 29, 2015

Date Received : April 17, 2015  
 Description : Jamestown, NY  
 Sample ID : SB 12-8-11.3 FT  
 Collected By : Terrie L. Swanson  
 Collection Date : 04/15/15 22:05

ESC Sample # : L760073-02  
 Site ID : SOUTHSIDE PLAZA  
 Project # : 1200455

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
p-Isopropyltoluene	BDL	0.0062	mg/kg	8260B	04/25/15	5
2-Butanone (MEK)	BDL	0.062	mg/kg	8260B	04/25/15	5
Methylene Chloride	BDL	0.031	mg/kg	8260B	04/25/15	5
4-Methyl-2-pentanone (MIBK)	BDL	0.062	mg/kg	8260B	04/25/15	5
Methyl tert-butyl ether	BDL	0.0062	mg/kg	8260B	04/25/15	5
Naphthalene	BDL	0.031	mg/kg	8260B	04/25/15	5
n-Propylbenzene	BDL	0.0062	mg/kg	8260B	04/25/15	5
Styrene	BDL	0.0062	mg/kg	8260B	04/25/15	5
1,1,1,2-Tetrachloroethane	BDL	0.0062	mg/kg	8260B	04/25/15	5
1,1,2,2-Tetrachloroethane	BDL	0.0062	mg/kg	8260B	04/25/15	5
1,1,2-Trichlorotrifluoroethane	BDL	0.0062	mg/kg	8260B	04/25/15	5
Tetrachloroethene	0.30	0.0062	mg/kg	8260B	04/25/15	5
Toluene	BDL	0.031	mg/kg	8260B	04/25/15	5
1,2,3-Trichlorobenzene	BDL	0.0062	mg/kg	8260B	04/25/15	5
1,2,4-Trichlorobenzene	BDL	0.0062	mg/kg	8260B	04/25/15	5
1,1,1-Trichloroethane	BDL	0.0062	mg/kg	8260B	04/25/15	5
1,1,2-Trichloroethane	BDL	0.0062	mg/kg	8260B	04/25/15	5
Trichloroethene	BDL	0.0062	mg/kg	8260B	04/25/15	5
Trichlorofluoromethane	BDL	0.031	mg/kg	8260B	04/25/15	5
1,2,3-Trichloropropane	BDL	0.016	mg/kg	8260B	04/25/15	5
1,2,4-Trimethylbenzene	BDL	0.0062	mg/kg	8260B	04/25/15	5
1,2,3-Trimethylbenzene	BDL	0.0062	mg/kg	8260B	04/25/15	5
Vinyl chloride	BDL	0.0062	mg/kg	8260B	04/25/15	5
1,3,5-Trimethylbenzene	BDL	0.0062	mg/kg	8260B	04/25/15	5
Xylenes, Total	BDL	0.019	mg/kg	8260B	04/25/15	5
Surrogate Recovery						
Toluene-d8	105.		% Rec.	8260B	04/25/15	1
Dibromofluoromethane	104.		% Rec.	8260B	04/25/15	1
4-Bromofluorobenzene	98.2		% Rec.	8260B	04/25/15	1

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

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Est. 1970

REPORT OF ANALYSIS

Mr. Adam Flege  
 Apex Environmental Inc. - Cincinnati  
 155 Tri County Parkway Ste. 250  
 Cincinnati, OH 45246

April 29, 2015

Date Received : April 17, 2015  
 Description : Jamestown, NY  
 Sample ID : SB 13-6-10 FT  
 Collected By : Terrie L. Swanson  
 Collection Date : 04/15/15 23:10

ESC Sample # : L760073-03  
 Site ID : SOUTHSIDE PLAZA  
 Project # : 1200455

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	84.0		%	2540 G-2011	04/21/15	1
Volatile Organics						
Acetone	BDL	0.30	mg/kg	8260B	04/25/15	5
Acrylonitrile	BDL	0.060	mg/kg	8260B	04/25/15	5
Benzene	BDL	0.0060	mg/kg	8260B	04/25/15	5
Bromobenzene	BDL	0.0060	mg/kg	8260B	04/25/15	5
Bromodichloromethane	BDL	0.0060	mg/kg	8260B	04/25/15	5
Bromoform	BDL	0.0060	mg/kg	8260B	04/25/15	5
Bromomethane	BDL	0.030	mg/kg	8260B	04/25/15	5
n-Butylbenzene	BDL	0.0060	mg/kg	8260B	04/25/15	5
sec-Butylbenzene	BDL	0.0060	mg/kg	8260B	04/25/15	5
tert-Butylbenzene	BDL	0.0060	mg/kg	8260B	04/25/15	5
Carbon tetrachloride	BDL	0.0060	mg/kg	8260B	04/25/15	5
Chlorobenzene	BDL	0.0060	mg/kg	8260B	04/25/15	5
Chlorodibromomethane	BDL	0.0060	mg/kg	8260B	04/25/15	5
Chloroethane	BDL	0.030	mg/kg	8260B	04/25/15	5
2-Chloroethyl vinyl ether	BDL	0.30	mg/kg	8260B	04/25/15	5
Chloroform	BDL	0.030	mg/kg	8260B	04/25/15	5
Chloromethane	BDL	0.015	mg/kg	8260B	04/25/15	5
2-Chlorotoluene	BDL	0.0060	mg/kg	8260B	04/25/15	5
4-Chlorotoluene	BDL	0.0060	mg/kg	8260B	04/25/15	5
1,2-Dibromo-3-Chloropropane	BDL	0.030	mg/kg	8260B	04/25/15	5
1,2-Dibromoethane	BDL	0.0060	mg/kg	8260B	04/25/15	5
Dibromomethane	BDL	0.0060	mg/kg	8260B	04/25/15	5
1,2-Dichlorobenzene	BDL	0.0060	mg/kg	8260B	04/25/15	5
1,3-Dichlorobenzene	BDL	0.0060	mg/kg	8260B	04/25/15	5
1,4-Dichlorobenzene	BDL	0.0060	mg/kg	8260B	04/25/15	5
Dichlorodifluoromethane	BDL	0.030	mg/kg	8260B	04/25/15	5
1,1-Dichloroethane	BDL	0.0060	mg/kg	8260B	04/25/15	5
1,2-Dichloroethane	BDL	0.0060	mg/kg	8260B	04/25/15	5
1,1-Dichloroethene	BDL	0.0060	mg/kg	8260B	04/25/15	5
cis-1,2-Dichloroethene	0.058	0.0060	mg/kg	8260B	04/25/15	5
trans-1,2-Dichloroethene	BDL	0.0060	mg/kg	8260B	04/25/15	5
1,2-Dichloropropane	BDL	0.0060	mg/kg	8260B	04/25/15	5
1,1-Dichloropropene	BDL	0.0060	mg/kg	8260B	04/25/15	5
1,3-Dichloropropane	BDL	0.0060	mg/kg	8260B	04/25/15	5
cis-1,3-Dichloropropene	BDL	0.0060	mg/kg	8260B	04/25/15	5
trans-1,3-Dichloropropene	BDL	0.0060	mg/kg	8260B	04/25/15	5
2,2-Dichloropropane	BDL	0.0060	mg/kg	8260B	04/25/15	5
Di-isopropyl ether	BDL	0.0060	mg/kg	8260B	04/25/15	5
Ethylbenzene	BDL	0.0060	mg/kg	8260B	04/25/15	5
Hexachloro-1,3-butadiene	BDL	0.0060	mg/kg	8260B	04/25/15	5
Isopropylbenzene	BDL	0.0060	mg/kg	8260B	04/25/15	5

Results listed are dry weight basis.  
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 Det. Limit - Practical Quantitation Limit(PQL)  
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REPORT OF ANALYSIS

April 29, 2015

Mr. Adam Flege  
 Apex Environmental Inc. - Cincinnati  
 155 Tri County Parkway Ste. 250  
 Cincinnati, OH 45246

ESC Sample # : L760073-03

Date Received : April 17, 2015  
 Description : Jamestown, NY

Site ID : SOUTHSIDE PLAZA

Sample ID : SB 13-6-10 FT

Project # : 1200455

Collected By : Terrie L. Swanson  
 Collection Date : 04/15/15 23:10

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
p-Isopropyltoluene	BDL	0.0060	mg/kg	8260B	04/25/15	5
2-Butanone (MEK)	BDL	0.060	mg/kg	8260B	04/25/15	5
Methylene Chloride	BDL	0.030	mg/kg	8260B	04/25/15	5
4-Methyl-2-pentanone (MIBK)	BDL	0.060	mg/kg	8260B	04/25/15	5
Methyl tert-butyl ether	BDL	0.0060	mg/kg	8260B	04/25/15	5
Naphthalene	BDL	0.030	mg/kg	8260B	04/25/15	5
n-Propylbenzene	BDL	0.0060	mg/kg	8260B	04/25/15	5
Styrene	BDL	0.0060	mg/kg	8260B	04/25/15	5
1,1,1,2-Tetrachloroethane	BDL	0.0060	mg/kg	8260B	04/25/15	5
1,1,2,2-Tetrachloroethane	BDL	0.0060	mg/kg	8260B	04/25/15	5
1,1,2-Trichlorotrifluoroethane	BDL	0.0060	mg/kg	8260B	04/25/15	5
Tetrachloroethene	14.	1.2	mg/kg	8260B	04/29/15	1000
Toluene	BDL	0.030	mg/kg	8260B	04/25/15	5
1,2,3-Trichlorobenzene	BDL	0.0060	mg/kg	8260B	04/25/15	5
1,2,4-Trichlorobenzene	BDL	0.0060	mg/kg	8260B	04/25/15	5
1,1,1-Trichloroethane	BDL	0.0060	mg/kg	8260B	04/25/15	5
1,1,2-Trichloroethane	BDL	0.0060	mg/kg	8260B	04/25/15	5
Trichloroethene	0.021	0.0060	mg/kg	8260B	04/25/15	5
Trichlorofluoromethane	BDL	0.030	mg/kg	8260B	04/25/15	5
1,2,3-Trichloropropane	BDL	0.015	mg/kg	8260B	04/25/15	5
1,2,4-Trimethylbenzene	BDL	0.0060	mg/kg	8260B	04/25/15	5
1,2,3-Trimethylbenzene	BDL	0.0060	mg/kg	8260B	04/25/15	5
Vinyl chloride	BDL	0.0060	mg/kg	8260B	04/25/15	5
1,3,5-Trimethylbenzene	BDL	0.0060	mg/kg	8260B	04/25/15	5
Xylenes, Total	BDL	0.018	mg/kg	8260B	04/25/15	5
Surrogate Recovery						
Toluene-d8	104.		% Rec.	8260B	04/25/15	1
Dibromofluoromethane	105.		% Rec.	8260B	04/25/15	1
4-Bromofluorobenzene	95.2		% Rec.	8260B	04/25/15	1

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

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REPORT OF ANALYSIS

April 29, 2015

Mr. Adam Flege  
 Apex Environmental Inc. - Cincinnati  
 155 Tri County Parkway Ste. 250  
 Cincinnati, OH 45246

ESC Sample # : L760073-04

Date Received : April 17, 2015  
 Description : Jamestown, NY

Site ID : SOUTHSIDE PLAZA

Sample ID : SB 13-10-13.5 FT

Project # : 1200455

Collected By : Terrie L. Swanson  
 Collection Date : 04/15/15 23:20

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	87.8		%	2540 G-2011	04/21/15	1
<b>Volatile Organics</b>						
Acetone	BDL	0.28	mg/kg	8260B	04/25/15	5
Acrylonitrile	BDL	0.057	mg/kg	8260B	04/25/15	5
Benzene	BDL	0.0057	mg/kg	8260B	04/25/15	5
Bromobenzene	BDL	0.0057	mg/kg	8260B	04/25/15	5
Bromodichloromethane	BDL	0.0057	mg/kg	8260B	04/25/15	5
Bromoform	BDL	0.0057	mg/kg	8260B	04/25/15	5
Bromomethane	BDL	0.028	mg/kg	8260B	04/25/15	5
n-Butylbenzene	BDL	0.0057	mg/kg	8260B	04/25/15	5
sec-Butylbenzene	BDL	0.0057	mg/kg	8260B	04/25/15	5
tert-Butylbenzene	BDL	0.0057	mg/kg	8260B	04/25/15	5
Carbon tetrachloride	BDL	0.0057	mg/kg	8260B	04/25/15	5
Chlorobenzene	BDL	0.0057	mg/kg	8260B	04/25/15	5
Chlorodibromomethane	BDL	0.0057	mg/kg	8260B	04/25/15	5
Chloroethane	BDL	0.028	mg/kg	8260B	04/25/15	5
2-Chloroethyl vinyl ether	BDL	0.28	mg/kg	8260B	04/25/15	5
Chloroform	BDL	0.028	mg/kg	8260B	04/25/15	5
Chloromethane	BDL	0.014	mg/kg	8260B	04/25/15	5
2-Chlorotoluene	BDL	0.0057	mg/kg	8260B	04/25/15	5
4-Chlorotoluene	BDL	0.0057	mg/kg	8260B	04/25/15	5
1,2-Dibromo-3-Chloropropane	BDL	0.028	mg/kg	8260B	04/25/15	5
1,2-Dibromoethane	BDL	0.0057	mg/kg	8260B	04/25/15	5
Dibromomethane	BDL	0.0057	mg/kg	8260B	04/25/15	5
1,2-Dichlorobenzene	BDL	0.0057	mg/kg	8260B	04/25/15	5
1,3-Dichlorobenzene	BDL	0.0057	mg/kg	8260B	04/25/15	5
1,4-Dichlorobenzene	BDL	0.0057	mg/kg	8260B	04/25/15	5
Dichlorodifluoromethane	BDL	0.028	mg/kg	8260B	04/25/15	5
1,1-Dichloroethane	BDL	0.0057	mg/kg	8260B	04/25/15	5
1,2-Dichloroethane	BDL	0.0057	mg/kg	8260B	04/25/15	5
1,1-Dichloroethene	BDL	0.0057	mg/kg	8260B	04/25/15	5
cis-1,2-Dichloroethene	BDL	0.0057	mg/kg	8260B	04/25/15	5
trans-1,2-Dichloroethene	BDL	0.0057	mg/kg	8260B	04/25/15	5
1,2-Dichloropropane	BDL	0.0057	mg/kg	8260B	04/25/15	5
1,1-Dichloropropene	BDL	0.0057	mg/kg	8260B	04/25/15	5
1,3-Dichloropropane	BDL	0.0057	mg/kg	8260B	04/25/15	5
cis-1,3-Dichloropropene	BDL	0.0057	mg/kg	8260B	04/25/15	5
trans-1,3-Dichloropropene	BDL	0.0057	mg/kg	8260B	04/25/15	5
2,2-Dichloropropane	BDL	0.0057	mg/kg	8260B	04/25/15	5
Di-isopropyl ether	BDL	0.0057	mg/kg	8260B	04/25/15	5
Ethylbenzene	BDL	0.0057	mg/kg	8260B	04/25/15	5
Hexachloro-1,3-butadiene	BDL	0.0057	mg/kg	8260B	04/25/15	5
Isopropylbenzene	BDL	0.0057	mg/kg	8260B	04/25/15	5

Results listed are dry weight basis.  
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 Det. Limit - Practical Quantitation Limit(PQL)  
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REPORT OF ANALYSIS

Mr. Adam Flege  
 Apex Environmental Inc. - Cincinnati  
 155 Tri County Parkway Ste. 250  
 Cincinnati, OH 45246

April 29, 2015

Date Received : April 17, 2015  
 Description : Jamestown, NY  
 Sample ID : SB 13-10-13.5 FT  
 Collected By : Terrie L. Swanson  
 Collection Date : 04/15/15 23:20

ESC Sample # : L760073-04  
 Site ID : SOUTHSIDE PLAZA  
 Project # : 1200455

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
p-Isopropyltoluene	BDL	0.0057	mg/kg	8260B	04/25/15	5
2-Butanone (MEK)	BDL	0.057	mg/kg	8260B	04/25/15	5
Methylene Chloride	BDL	0.028	mg/kg	8260B	04/25/15	5
4-Methyl-2-pentanone (MIBK)	BDL	0.057	mg/kg	8260B	04/25/15	5
Methyl tert-butyl ether	BDL	0.0057	mg/kg	8260B	04/25/15	5
Naphthalene	BDL	0.028	mg/kg	8260B	04/25/15	5
n-Propylbenzene	BDL	0.0057	mg/kg	8260B	04/25/15	5
Styrene	BDL	0.0057	mg/kg	8260B	04/25/15	5
1,1,1,2-Tetrachloroethane	BDL	0.0057	mg/kg	8260B	04/25/15	5
1,1,2,2-Tetrachloroethane	BDL	0.0057	mg/kg	8260B	04/25/15	5
1,1,2-Trichlorotrifluoroethane	BDL	0.0057	mg/kg	8260B	04/25/15	5
Tetrachloroethene	0.84	0.0057	mg/kg	8260B	04/25/15	5
Toluene	BDL	0.028	mg/kg	8260B	04/25/15	5
1,2,3-Trichlorobenzene	BDL	0.0057	mg/kg	8260B	04/25/15	5
1,2,4-Trichlorobenzene	BDL	0.0057	mg/kg	8260B	04/25/15	5
1,1,1-Trichloroethane	BDL	0.0057	mg/kg	8260B	04/25/15	5
1,1,2-Trichloroethane	BDL	0.0057	mg/kg	8260B	04/25/15	5
Trichloroethene	BDL	0.0057	mg/kg	8260B	04/25/15	5
Trichlorofluoromethane	BDL	0.028	mg/kg	8260B	04/25/15	5
1,2,3-Trichloropropane	BDL	0.014	mg/kg	8260B	04/25/15	5
1,2,4-Trimethylbenzene	BDL	0.0057	mg/kg	8260B	04/25/15	5
1,2,3-Trimethylbenzene	BDL	0.0057	mg/kg	8260B	04/25/15	5
Vinyl chloride	BDL	0.0057	mg/kg	8260B	04/25/15	5
1,3,5-Trimethylbenzene	BDL	0.0057	mg/kg	8260B	04/25/15	5
Xylenes, Total	BDL	0.017	mg/kg	8260B	04/25/15	5
Surrogate Recovery						
Toluene-d8	104.		% Rec.	8260B	04/25/15	1
Dibromofluoromethane	108.		% Rec.	8260B	04/25/15	1
4-Bromofluorobenzene	97.5		% Rec.	8260B	04/25/15	1

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

April 29, 2015

Mr. Adam Flege  
 Apex Environmental Inc. - Cincinnati  
 155 Tri County Parkway Ste. 250  
 Cincinnati, OH 45246

Date Received : April 17, 2015  
 Description : Jamestown, NY  
 Sample ID : SB 10-6-8 FT  
 Collected By : Terrie L. Swanson  
 Collection Date : 04/16/15 00:00

ESC Sample # : L760073-05  
 Site ID : SOUTHSIDE PLAZA  
 Project # : 1200455

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	86.3		%	2540 G-2011	04/21/15	1
Volatile Organics						
Acetone	BDL	0.29	mg/kg	8260B	04/25/15	5
Acrylonitrile	BDL	0.058	mg/kg	8260B	04/25/15	5
Benzene	BDL	0.0058	mg/kg	8260B	04/25/15	5
Bromobenzene	BDL	0.0058	mg/kg	8260B	04/25/15	5
Bromodichloromethane	BDL	0.0058	mg/kg	8260B	04/25/15	5
Bromoform	BDL	0.0058	mg/kg	8260B	04/25/15	5
Bromomethane	BDL	0.029	mg/kg	8260B	04/25/15	5
n-Butylbenzene	BDL	0.0058	mg/kg	8260B	04/25/15	5
sec-Butylbenzene	BDL	0.0058	mg/kg	8260B	04/25/15	5
tert-Butylbenzene	BDL	0.0058	mg/kg	8260B	04/25/15	5
Carbon tetrachloride	BDL	0.0058	mg/kg	8260B	04/25/15	5
Chlorobenzene	BDL	0.0058	mg/kg	8260B	04/25/15	5
Chlorodibromomethane	BDL	0.0058	mg/kg	8260B	04/25/15	5
Chloroethane	BDL	0.029	mg/kg	8260B	04/25/15	5
2-Chloroethyl vinyl ether	BDL	0.29	mg/kg	8260B	04/25/15	5
Chloroform	BDL	0.029	mg/kg	8260B	04/25/15	5
Chloromethane	BDL	0.014	mg/kg	8260B	04/25/15	5
2-Chlorotoluene	BDL	0.0058	mg/kg	8260B	04/25/15	5
4-Chlorotoluene	BDL	0.0058	mg/kg	8260B	04/25/15	5
1,2-Dibromo-3-Chloropropane	BDL	0.029	mg/kg	8260B	04/25/15	5
1,2-Dibromoethane	BDL	0.0058	mg/kg	8260B	04/25/15	5
Dibromomethane	BDL	0.0058	mg/kg	8260B	04/25/15	5
1,2-Dichlorobenzene	BDL	0.0058	mg/kg	8260B	04/25/15	5
1,3-Dichlorobenzene	BDL	0.0058	mg/kg	8260B	04/25/15	5
1,4-Dichlorobenzene	BDL	0.0058	mg/kg	8260B	04/25/15	5
Dichlorodifluoromethane	BDL	0.029	mg/kg	8260B	04/25/15	5
1,1-Dichloroethane	BDL	0.0058	mg/kg	8260B	04/25/15	5
1,2-Dichloroethane	BDL	0.0058	mg/kg	8260B	04/25/15	5
1,1-Dichloroethene	BDL	0.0058	mg/kg	8260B	04/25/15	5
cis-1,2-Dichloroethene	BDL	0.0058	mg/kg	8260B	04/25/15	5
trans-1,2-Dichloroethene	BDL	0.0058	mg/kg	8260B	04/25/15	5
1,2-Dichloropropane	BDL	0.0058	mg/kg	8260B	04/25/15	5
1,1-Dichloropropene	BDL	0.0058	mg/kg	8260B	04/25/15	5
1,3-Dichloropropene	BDL	0.0058	mg/kg	8260B	04/25/15	5
cis-1,3-Dichloropropene	BDL	0.0058	mg/kg	8260B	04/25/15	5
trans-1,3-Dichloropropene	BDL	0.0058	mg/kg	8260B	04/25/15	5
2,2-Dichloropropane	BDL	0.0058	mg/kg	8260B	04/25/15	5
Di-isopropyl ether	BDL	0.0058	mg/kg	8260B	04/25/15	5
Ethylbenzene	BDL	0.0058	mg/kg	8260B	04/25/15	5
Hexachloro-1,3-butadiene	BDL	0.0058	mg/kg	8260B	04/25/15	5
Isopropylbenzene	BDL	0.0058	mg/kg	8260B	04/25/15	5

Results listed are dry weight basis.  
 BDL - Below Detection Limit  
 Det. Limit - Practical Quantitation Limit(PQL)  
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Est. 1970

REPORT OF ANALYSIS

April 29, 2015

Mr. Adam Flege  
 Apex Environmental Inc. - Cincinnati  
 155 Tri County Parkway Ste. 250  
 Cincinnati, OH 45246

ESC Sample # : L760073-05

Date Received : April 17, 2015  
 Description : Jamestown, NY

Site ID : SOUTHSIDE PLAZA

Sample ID : SB 10-6-8 FT

Project # : 1200455

Collected By : Terrie L. Swanson  
 Collection Date : 04/16/15 00:00

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
p-Isopropyltoluene	BDL	0.0058	mg/kg	8260B	04/25/15	5
2-Butanone (MEK)	BDL	0.058	mg/kg	8260B	04/25/15	5
Methylene Chloride	BDL	0.029	mg/kg	8260B	04/25/15	5
4-Methyl-2-pentanone (MIBK)	BDL	0.058	mg/kg	8260B	04/25/15	5
Methyl tert-butyl ether	BDL	0.0058	mg/kg	8260B	04/25/15	5
Naphthalene	BDL	0.029	mg/kg	8260B	04/25/15	5
n-Propylbenzene	BDL	0.0058	mg/kg	8260B	04/25/15	5
Styrene	BDL	0.0058	mg/kg	8260B	04/25/15	5
1,1,1,2-Tetrachloroethane	BDL	0.0058	mg/kg	8260B	04/25/15	5
1,1,2,2-Tetrachloroethane	BDL	0.0058	mg/kg	8260B	04/25/15	5
1,1,2-Trichlorotrifluoroethane	BDL	0.0058	mg/kg	8260B	04/25/15	5
Tetrachloroethene	0.95	0.058	mg/kg	8260B	04/29/15	50
Toluene	BDL	0.029	mg/kg	8260B	04/25/15	5
1,2,3-Trichlorobenzene	BDL	0.0058	mg/kg	8260B	04/25/15	5
1,2,4-Trichlorobenzene	BDL	0.0058	mg/kg	8260B	04/25/15	5
1,1,1-Trichloroethane	BDL	0.0058	mg/kg	8260B	04/25/15	5
1,1,2-Trichloroethane	BDL	0.0058	mg/kg	8260B	04/25/15	5
Trichloroethene	BDL	0.0058	mg/kg	8260B	04/25/15	5
Trichlorofluoromethane	BDL	0.029	mg/kg	8260B	04/25/15	5
1,2,3-Trichloropropane	BDL	0.014	mg/kg	8260B	04/25/15	5
1,2,4-Trimethylbenzene	BDL	0.0058	mg/kg	8260B	04/25/15	5
1,2,3-Trimethylbenzene	BDL	0.0058	mg/kg	8260B	04/25/15	5
Vinyl chloride	BDL	0.0058	mg/kg	8260B	04/25/15	5
1,3,5-Trimethylbenzene	BDL	0.0058	mg/kg	8260B	04/25/15	5
Xylenes, Total	BDL	0.017	mg/kg	8260B	04/25/15	5
Surrogate Recovery						
Toluene-d8	104.		% Rec.	8260B	04/25/15	1
Dibromofluoromethane	104.		% Rec.	8260B	04/25/15	1
4-Bromofluorobenzene	94.4		% Rec.	8260B	04/25/15	1

Results listed are dry weight basis.

BDL - Below Detection Limit

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REPORT OF ANALYSIS

April 29, 2015

Mr. Adam Flege  
 Apex Environmental Inc. - Cincinnati  
 155 Tri County Parkway Ste. 250  
 Cincinnati, OH 45246

ESC Sample # : L760073-06

Date Received : April 17, 2015  
 Description : Jamestown, NY

Site ID : SOUTHSIDE PLAZA

Sample ID : SB 10-10-12 FT

Project # : 1200455

Collected By : Terrie L. Swanson  
 Collection Date : 04/16/15 00:10

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	84.6		%	2540 G-2011	04/21/15	1
<b>Volatile Organics</b>						
Acetone	BDL	0.30	mg/kg	8260B	04/25/15	5
Acrylonitrile	BDL	0.059	mg/kg	8260B	04/25/15	5
Benzene	BDL	0.0059	mg/kg	8260B	04/25/15	5
Bromobenzene	BDL	0.0059	mg/kg	8260B	04/25/15	5
Bromodichloromethane	BDL	0.0059	mg/kg	8260B	04/25/15	5
Bromoform	BDL	0.0059	mg/kg	8260B	04/25/15	5
Bromomethane	BDL	0.030	mg/kg	8260B	04/25/15	5
n-Butylbenzene	BDL	0.0059	mg/kg	8260B	04/25/15	5
sec-Butylbenzene	BDL	0.0059	mg/kg	8260B	04/25/15	5
tert-Butylbenzene	BDL	0.0059	mg/kg	8260B	04/25/15	5
Carbon tetrachloride	BDL	0.0059	mg/kg	8260B	04/25/15	5
Chlorobenzene	BDL	0.0059	mg/kg	8260B	04/25/15	5
Chlorodibromomethane	BDL	0.0059	mg/kg	8260B	04/25/15	5
Chloroethane	BDL	0.030	mg/kg	8260B	04/25/15	5
2-Chloroethyl vinyl ether	BDL	0.30	mg/kg	8260B	04/25/15	5
Chloroform	BDL	0.030	mg/kg	8260B	04/25/15	5
Chloromethane	BDL	0.015	mg/kg	8260B	04/25/15	5
2-Chlorotoluene	BDL	0.0059	mg/kg	8260B	04/25/15	5
4-Chlorotoluene	BDL	0.0059	mg/kg	8260B	04/25/15	5
1,2-Dibromo-3-Chloropropane	BDL	0.030	mg/kg	8260B	04/25/15	5
1,2-Dibromoethane	BDL	0.0059	mg/kg	8260B	04/25/15	5
Dibromomethane	BDL	0.0059	mg/kg	8260B	04/25/15	5
1,2-Dichlorobenzene	BDL	0.0059	mg/kg	8260B	04/25/15	5
1,3-Dichlorobenzene	BDL	0.0059	mg/kg	8260B	04/25/15	5
1,4-Dichlorobenzene	BDL	0.0059	mg/kg	8260B	04/25/15	5
Dichlorodifluoromethane	BDL	0.030	mg/kg	8260B	04/25/15	5
1,1-Dichloroethane	BDL	0.0059	mg/kg	8260B	04/25/15	5
1,2-Dichloroethane	BDL	0.0059	mg/kg	8260B	04/25/15	5
1,1-Dichloroethene	BDL	0.0059	mg/kg	8260B	04/25/15	5
cis-1,2-Dichloroethene	BDL	0.0059	mg/kg	8260B	04/25/15	5
trans-1,2-Dichloroethene	BDL	0.0059	mg/kg	8260B	04/25/15	5
1,2-Dichloropropane	BDL	0.0059	mg/kg	8260B	04/25/15	5
1,1-Dichloropropene	BDL	0.0059	mg/kg	8260B	04/25/15	5
1,3-Dichloropropene	BDL	0.0059	mg/kg	8260B	04/25/15	5
cis-1,3-Dichloropropene	BDL	0.0059	mg/kg	8260B	04/25/15	5
trans-1,3-Dichloropropene	BDL	0.0059	mg/kg	8260B	04/25/15	5
2,2-Dichloropropane	BDL	0.0059	mg/kg	8260B	04/25/15	5
Di-isopropyl ether	BDL	0.0059	mg/kg	8260B	04/25/15	5
Ethylbenzene	BDL	0.0059	mg/kg	8260B	04/25/15	5
Hexachloro-1,3-butadiene	BDL	0.0059	mg/kg	8260B	04/25/15	5
Isopropylbenzene	BDL	0.0059	mg/kg	8260B	04/25/15	5

Results listed are dry weight basis.  
 BDL - Below Detection Limit  
 Det. Limit - Practical Quantitation Limit(PQL)  
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REPORT OF ANALYSIS

April 29, 2015

Mr. Adam Flege  
 Apex Environmental Inc. - Cincinnati  
 155 Tri County Parkway Ste. 250  
 Cincinnati, OH 45246

ESC Sample # : L760073-06

Date Received : April 17, 2015  
 Description : Jamestown, NY

Site ID : SOUTHSIDE PLAZA

Sample ID : SB 10-10-12 FT

Project # : 1200455

Collected By : Terrie L. Swanson  
 Collection Date : 04/16/15 00:10

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
p-Isopropyltoluene	BDL	0.0059	mg/kg	8260B	04/25/15	5
2-Butanone (MEK)	BDL	0.059	mg/kg	8260B	04/25/15	5
Methylene Chloride	BDL	0.030	mg/kg	8260B	04/25/15	5
4-Methyl-2-pentanone (MIBK)	BDL	0.059	mg/kg	8260B	04/25/15	5
Methyl tert-butyl ether	BDL	0.0059	mg/kg	8260B	04/25/15	5
Naphthalene	BDL	0.030	mg/kg	8260B	04/25/15	5
n-Propylbenzene	BDL	0.0059	mg/kg	8260B	04/25/15	5
Styrene	BDL	0.0059	mg/kg	8260B	04/25/15	5
1,1,1,2-Tetrachloroethane	BDL	0.0059	mg/kg	8260B	04/25/15	5
1,1,2,2-Tetrachloroethane	BDL	0.0059	mg/kg	8260B	04/25/15	5
1,1,2-Trichlorotrifluoroethane	BDL	0.0059	mg/kg	8260B	04/25/15	5
Tetrachloroethene	1.1	0.0059	mg/kg	8260B	04/25/15	5
Toluene	BDL	0.030	mg/kg	8260B	04/25/15	5
1,2,3-Trichlorobenzene	BDL	0.0059	mg/kg	8260B	04/25/15	5
1,2,4-Trichlorobenzene	BDL	0.0059	mg/kg	8260B	04/25/15	5
1,1,1-Trichloroethane	BDL	0.0059	mg/kg	8260B	04/25/15	5
1,1,2-Trichloroethane	BDL	0.0059	mg/kg	8260B	04/25/15	5
Trichloroethene	BDL	0.0059	mg/kg	8260B	04/25/15	5
Trichlorofluoromethane	BDL	0.030	mg/kg	8260B	04/25/15	5
1,2,3-Trichloropropane	BDL	0.015	mg/kg	8260B	04/25/15	5
1,2,4-Trimethylbenzene	BDL	0.0059	mg/kg	8260B	04/25/15	5
1,2,3-Trimethylbenzene	BDL	0.0059	mg/kg	8260B	04/25/15	5
Vinyl chloride	BDL	0.0059	mg/kg	8260B	04/25/15	5
1,3,5-Trimethylbenzene	BDL	0.0059	mg/kg	8260B	04/25/15	5
Xylenes, Total	BDL	0.018	mg/kg	8260B	04/25/15	5
Surrogate Recovery						
Toluene-d8	105.		% Rec.	8260B	04/25/15	1
Dibromofluoromethane	109.		% Rec.	8260B	04/25/15	1
4-Bromofluorobenzene	96.1		% Rec.	8260B	04/25/15	1

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

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REPORT OF ANALYSIS

Mr. Adam Flege  
 Apex Environmental Inc. - Cincinnati  
 155 Tri County Parkway Ste. 250  
 Cincinnati, OH 45246

April 29, 2015

Date Received : April 17, 2015  
 Description : Jamestown, NY  
 Sample ID : SB 9-0-2 FT  
 Collected By : Terrie L. Swanson  
 Collection Date : 04/16/15 02:00

ESC Sample # : L760073-07  
 Site ID : SOUTHSIDE PLAZA  
 Project # : 1200455

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	74.7		%	2540 G-2011	04/21/15	1
<b>Volatile Organics</b>						
Acetone	BDL	0.33	mg/kg	8260B	04/25/15	5
Acrylonitrile	BDL	0.067	mg/kg	8260B	04/25/15	5
Benzene	BDL	0.0067	mg/kg	8260B	04/25/15	5
Bromobenzene	BDL	0.0067	mg/kg	8260B	04/25/15	5
Bromodichloromethane	BDL	0.0067	mg/kg	8260B	04/25/15	5
Bromoform	BDL	0.0067	mg/kg	8260B	04/25/15	5
Bromomethane	BDL	0.033	mg/kg	8260B	04/25/15	5
n-Butylbenzene	BDL	0.0067	mg/kg	8260B	04/25/15	5
sec-Butylbenzene	BDL	0.0067	mg/kg	8260B	04/25/15	5
tert-Butylbenzene	BDL	0.0067	mg/kg	8260B	04/25/15	5
Carbon tetrachloride	BDL	0.0067	mg/kg	8260B	04/25/15	5
Chlorobenzene	BDL	0.0067	mg/kg	8260B	04/25/15	5
Chlorodibromomethane	BDL	0.0067	mg/kg	8260B	04/25/15	5
Chloroethane	BDL	0.033	mg/kg	8260B	04/25/15	5
2-Chloroethyl vinyl ether	BDL	0.33	mg/kg	8260B	04/25/15	5
Chloroform	BDL	0.033	mg/kg	8260B	04/25/15	5
Chloromethane	BDL	0.017	mg/kg	8260B	04/25/15	5
2-Chlorotoluene	BDL	0.0067	mg/kg	8260B	04/25/15	5
4-Chlorotoluene	BDL	0.0067	mg/kg	8260B	04/25/15	5
1,2-Dibromo-3-Chloropropane	BDL	0.033	mg/kg	8260B	04/25/15	5
1,2-Dibromoethane	BDL	0.0067	mg/kg	8260B	04/25/15	5
Dibromomethane	BDL	0.0067	mg/kg	8260B	04/25/15	5
1,2-Dichlorobenzene	BDL	0.0067	mg/kg	8260B	04/25/15	5
1,3-Dichlorobenzene	BDL	0.0067	mg/kg	8260B	04/25/15	5
1,4-Dichlorobenzene	BDL	0.0067	mg/kg	8260B	04/25/15	5
Dichlorodifluoromethane	BDL	0.033	mg/kg	8260B	04/25/15	5
1,1-Dichloroethane	BDL	0.0067	mg/kg	8260B	04/25/15	5
1,2-Dichloroethane	BDL	0.0067	mg/kg	8260B	04/25/15	5
1,1-Dichloroethene	BDL	0.0067	mg/kg	8260B	04/25/15	5
cis-1,2-Dichloroethene	BDL	0.0067	mg/kg	8260B	04/25/15	5
trans-1,2-Dichloroethene	BDL	0.0067	mg/kg	8260B	04/25/15	5
1,2-Dichloropropane	BDL	0.0067	mg/kg	8260B	04/25/15	5
1,1-Dichloropropene	BDL	0.0067	mg/kg	8260B	04/25/15	5
1,3-Dichloropropene	BDL	0.0067	mg/kg	8260B	04/25/15	5
cis-1,3-Dichloropropene	BDL	0.0067	mg/kg	8260B	04/25/15	5
trans-1,3-Dichloropropene	BDL	0.0067	mg/kg	8260B	04/25/15	5
2,2-Dichloropropane	BDL	0.0067	mg/kg	8260B	04/25/15	5
Di-isopropyl ether	BDL	0.0067	mg/kg	8260B	04/25/15	5
Ethylbenzene	BDL	0.0067	mg/kg	8260B	04/25/15	5
Hexachloro-1,3-butadiene	BDL	0.0067	mg/kg	8260B	04/25/15	5
Isopropylbenzene	BDL	0.0067	mg/kg	8260B	04/25/15	5

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 BDL - Below Detection Limit  
 Det. Limit - Practical Quantitation Limit(PQL)  
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REPORT OF ANALYSIS

Mr. Adam Flege  
 Apex Environmental Inc. - Cincinnati  
 155 Tri County Parkway Ste. 250  
 Cincinnati, OH 45246

April 29, 2015

Date Received : April 17, 2015  
 Description : Jamestown, NY  
 Sample ID : SB 9-0-2 FT  
 Collected By : Terrie L. Swanson  
 Collection Date : 04/16/15 02:00

ESC Sample # : L760073-07  
 Site ID : SOUTHSIDE PLAZA  
 Project # : 1200455

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
p-Isopropyltoluene	BDL	0.0067	mg/kg	8260B	04/25/15	5
2-Butanone (MEK)	BDL	0.067	mg/kg	8260B	04/25/15	5
Methylene Chloride	BDL	0.033	mg/kg	8260B	04/25/15	5
4-Methyl-2-pentanone (MIBK)	BDL	0.067	mg/kg	8260B	04/25/15	5
Methyl tert-butyl ether	BDL	0.0067	mg/kg	8260B	04/25/15	5
Naphthalene	BDL	0.033	mg/kg	8260B	04/25/15	5
n-Propylbenzene	BDL	0.0067	mg/kg	8260B	04/25/15	5
Styrene	BDL	0.0067	mg/kg	8260B	04/25/15	5
1,1,1,2-Tetrachloroethane	BDL	0.0067	mg/kg	8260B	04/25/15	5
1,1,2,2-Tetrachloroethane	BDL	0.0067	mg/kg	8260B	04/25/15	5
1,1,2-Trichlorotrifluoroethane	BDL	0.0067	mg/kg	8260B	04/25/15	5
Tetrachloroethene	BDL	0.0067	mg/kg	8260B	04/25/15	5
Toluene	BDL	0.033	mg/kg	8260B	04/25/15	5
1,2,3-Trichlorobenzene	BDL	0.0067	mg/kg	8260B	04/25/15	5
1,2,4-Trichlorobenzene	BDL	0.0067	mg/kg	8260B	04/25/15	5
1,1,1-Trichloroethane	BDL	0.0067	mg/kg	8260B	04/25/15	5
1,1,2-Trichloroethane	BDL	0.0067	mg/kg	8260B	04/25/15	5
Trichloroethene	BDL	0.0067	mg/kg	8260B	04/25/15	5
Trichlorofluoromethane	BDL	0.033	mg/kg	8260B	04/25/15	5
1,2,3-Trichloropropane	BDL	0.017	mg/kg	8260B	04/25/15	5
1,2,4-Trimethylbenzene	BDL	0.0067	mg/kg	8260B	04/25/15	5
1,2,3-Trimethylbenzene	BDL	0.0067	mg/kg	8260B	04/25/15	5
Vinyl chloride	BDL	0.0067	mg/kg	8260B	04/25/15	5
1,3,5-Trimethylbenzene	BDL	0.0067	mg/kg	8260B	04/25/15	5
Xylenes, Total	BDL	0.020	mg/kg	8260B	04/25/15	5
Surrogate Recovery						
Toluene-d8	108.		% Rec.	8260B	04/25/15	1
Dibromofluoromethane	110.		% Rec.	8260B	04/25/15	1
4-Bromofluorobenzene	98.5		% Rec.	8260B	04/25/15	1

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Mr. Adam Flege  
 Apex Environmental Inc. - Cincinnati  
 155 Tri County Parkway Ste. 250  
 Cincinnati, OH 45246

April 29, 2015

Date Received : April 17, 2015  
 Description : Jamestown, NY  
 Sample ID : SB 9-6-8 FT  
 Collected By : Terrie L. Swanson  
 Collection Date : 04/16/15 02:10

ESC Sample # : L760073-08  
 Site ID : SOUTHSIDE PLAZA  
 Project # : 1200455

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	77.5		%	2540 G-2011	04/21/15	1
<b>Volatile Organics</b>						
Acetone	BDL	0.32	mg/kg	8260B	04/25/15	5
Acrylonitrile	BDL	0.064	mg/kg	8260B	04/25/15	5
Benzene	BDL	0.0064	mg/kg	8260B	04/25/15	5
Bromobenzene	BDL	0.0064	mg/kg	8260B	04/25/15	5
Bromodichloromethane	BDL	0.0064	mg/kg	8260B	04/25/15	5
Bromoform	BDL	0.0064	mg/kg	8260B	04/25/15	5
Bromomethane	BDL	0.032	mg/kg	8260B	04/25/15	5
n-Butylbenzene	BDL	0.0064	mg/kg	8260B	04/25/15	5
sec-Butylbenzene	BDL	0.0064	mg/kg	8260B	04/25/15	5
tert-Butylbenzene	BDL	0.0064	mg/kg	8260B	04/25/15	5
Carbon tetrachloride	BDL	0.0064	mg/kg	8260B	04/25/15	5
Chlorobenzene	BDL	0.0064	mg/kg	8260B	04/25/15	5
Chlorodibromomethane	BDL	0.0064	mg/kg	8260B	04/25/15	5
Chloroethane	BDL	0.032	mg/kg	8260B	04/25/15	5
2-Chloroethyl vinyl ether	BDL	0.32	mg/kg	8260B	04/25/15	5
Chloroform	BDL	0.032	mg/kg	8260B	04/25/15	5
Chloromethane	BDL	0.016	mg/kg	8260B	04/25/15	5
2-Chlorotoluene	BDL	0.0064	mg/kg	8260B	04/25/15	5
4-Chlorotoluene	BDL	0.0064	mg/kg	8260B	04/25/15	5
1,2-Dibromo-3-Chloropropane	BDL	0.032	mg/kg	8260B	04/25/15	5
1,2-Dibromoethane	BDL	0.0064	mg/kg	8260B	04/25/15	5
Dibromomethane	BDL	0.0064	mg/kg	8260B	04/25/15	5
1,2-Dichlorobenzene	BDL	0.0064	mg/kg	8260B	04/25/15	5
1,3-Dichlorobenzene	BDL	0.0064	mg/kg	8260B	04/25/15	5
1,4-Dichlorobenzene	BDL	0.0064	mg/kg	8260B	04/25/15	5
Dichlorodifluoromethane	BDL	0.032	mg/kg	8260B	04/25/15	5
1,1-Dichloroethane	BDL	0.0064	mg/kg	8260B	04/25/15	5
1,2-Dichloroethane	BDL	0.0064	mg/kg	8260B	04/25/15	5
1,1-Dichloroethene	BDL	0.0064	mg/kg	8260B	04/25/15	5
cis-1,2-Dichloroethene	BDL	0.0064	mg/kg	8260B	04/25/15	5
trans-1,2-Dichloroethene	BDL	0.0064	mg/kg	8260B	04/25/15	5
1,2-Dichloropropane	BDL	0.0064	mg/kg	8260B	04/25/15	5
1,1-Dichloropropene	BDL	0.0064	mg/kg	8260B	04/25/15	5
1,3-Dichloropropane	BDL	0.0064	mg/kg	8260B	04/25/15	5
cis-1,3-Dichloropropene	BDL	0.0064	mg/kg	8260B	04/25/15	5
trans-1,3-Dichloropropene	BDL	0.0064	mg/kg	8260B	04/25/15	5
2,2-Dichloropropane	BDL	0.0064	mg/kg	8260B	04/25/15	5
Di-isopropyl ether	BDL	0.0064	mg/kg	8260B	04/25/15	5
Ethylbenzene	BDL	0.0064	mg/kg	8260B	04/25/15	5
Hexachloro-1,3-butadiene	BDL	0.0064	mg/kg	8260B	04/25/15	5
Isopropylbenzene	BDL	0.0064	mg/kg	8260B	04/25/15	5

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 Det. Limit - Practical Quantitation Limit(PQL)  
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REPORT OF ANALYSIS

Mr. Adam Flege  
 Apex Environmental Inc. - Cincinnati  
 155 Tri County Parkway Ste. 250  
 Cincinnati, OH 45246

April 29, 2015

Date Received : April 17, 2015  
 Description : Jamestown, NY  
 Sample ID : SB 9-6-8 FT  
 Collected By : Terrie L. Swanson  
 Collection Date : 04/16/15 02:10

ESC Sample # : L760073-08  
 Site ID : SOUTHSIDE PLAZA  
 Project # : 1200455

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
p-Isopropyltoluene	BDL	0.0064	mg/kg	8260B	04/25/15	5
2-Butanone (MEK)	BDL	0.064	mg/kg	8260B	04/25/15	5
Methylene Chloride	BDL	0.032	mg/kg	8260B	04/25/15	5
4-Methyl-2-pentanone (MIBK)	BDL	0.064	mg/kg	8260B	04/25/15	5
Methyl tert-butyl ether	BDL	0.0064	mg/kg	8260B	04/25/15	5
Naphthalene	BDL	0.032	mg/kg	8260B	04/25/15	5
n-Propylbenzene	BDL	0.0064	mg/kg	8260B	04/25/15	5
Styrene	BDL	0.0064	mg/kg	8260B	04/25/15	5
1,1,1,2-Tetrachloroethane	BDL	0.0064	mg/kg	8260B	04/25/15	5
1,1,2,2-Tetrachloroethane	BDL	0.0064	mg/kg	8260B	04/25/15	5
1,1,2-Trichlorotrifluoroethane	BDL	0.0064	mg/kg	8260B	04/25/15	5
Tetrachloroethene	BDL	0.0064	mg/kg	8260B	04/25/15	5
Toluene	BDL	0.032	mg/kg	8260B	04/25/15	5
1,2,3-Trichlorobenzene	BDL	0.0064	mg/kg	8260B	04/25/15	5
1,2,4-Trichlorobenzene	BDL	0.0064	mg/kg	8260B	04/25/15	5
1,1,1-Trichloroethane	BDL	0.0064	mg/kg	8260B	04/25/15	5
1,1,2-Trichloroethane	BDL	0.0064	mg/kg	8260B	04/25/15	5
Trichloroethene	BDL	0.0064	mg/kg	8260B	04/25/15	5
Trichlorofluoromethane	BDL	0.032	mg/kg	8260B	04/25/15	5
1,2,3-Trichloropropane	BDL	0.016	mg/kg	8260B	04/25/15	5
1,2,4-Trimethylbenzene	BDL	0.0064	mg/kg	8260B	04/25/15	5
1,2,3-Trimethylbenzene	BDL	0.0064	mg/kg	8260B	04/25/15	5
Vinyl chloride	BDL	0.0064	mg/kg	8260B	04/25/15	5
1,3,5-Trimethylbenzene	BDL	0.0064	mg/kg	8260B	04/25/15	5
Xylenes, Total	BDL	0.019	mg/kg	8260B	04/25/15	5
Surrogate Recovery						
Toluene-d8	105.		% Rec.	8260B	04/25/15	1
Dibromofluoromethane	112.		% Rec.	8260B	04/25/15	1
4-Bromofluorobenzene	98.0		% Rec.	8260B	04/25/15	1

Results listed are dry weight basis.

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REPORT OF ANALYSIS

Mr. Adam Flege  
 Apex Environmental Inc. - Cincinnati  
 155 Tri County Parkway Ste. 250  
 Cincinnati, OH 45246

April 29, 2015

Date Received : April 17, 2015  
 Description : Jamestown, NY  
 Sample ID : SB 14-2-4 FT  
 Collected By : Terrie L. Swanson  
 Collection Date : 04/16/15 03:25

ESC Sample # : L760073-09  
 Site ID : SOUTHSIDE PLAZA  
 Project # : 1200455

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	75.4		%	2540 G-2011	04/21/15	1
Volatile Organics						
Acetone	BDL	0.33	mg/kg	8260B	04/25/15	5
Acrylonitrile	BDL	0.066	mg/kg	8260B	04/25/15	5
Benzene	BDL	0.0066	mg/kg	8260B	04/25/15	5
Bromobenzene	BDL	0.0066	mg/kg	8260B	04/25/15	5
Bromodichloromethane	BDL	0.0066	mg/kg	8260B	04/25/15	5
Bromoform	BDL	0.0066	mg/kg	8260B	04/25/15	5
Bromomethane	BDL	0.033	mg/kg	8260B	04/25/15	5
n-Butylbenzene	BDL	0.0066	mg/kg	8260B	04/25/15	5
sec-Butylbenzene	BDL	0.0066	mg/kg	8260B	04/25/15	5
tert-Butylbenzene	BDL	0.0066	mg/kg	8260B	04/25/15	5
Carbon tetrachloride	BDL	0.0066	mg/kg	8260B	04/25/15	5
Chlorobenzene	BDL	0.0066	mg/kg	8260B	04/25/15	5
Chlorodibromomethane	BDL	0.0066	mg/kg	8260B	04/25/15	5
Chloroethane	BDL	0.033	mg/kg	8260B	04/25/15	5
2-Chloroethyl vinyl ether	BDL	0.33	mg/kg	8260B	04/25/15	5
Chloroform	BDL	0.033	mg/kg	8260B	04/25/15	5
Chloromethane	BDL	0.016	mg/kg	8260B	04/25/15	5
2-Chlorotoluene	BDL	0.0066	mg/kg	8260B	04/25/15	5
4-Chlorotoluene	BDL	0.0066	mg/kg	8260B	04/25/15	5
1,2-Dibromo-3-Chloropropane	BDL	0.033	mg/kg	8260B	04/25/15	5
1,2-Dibromoethane	BDL	0.0066	mg/kg	8260B	04/25/15	5
Dibromomethane	BDL	0.0066	mg/kg	8260B	04/25/15	5
1,2-Dichlorobenzene	BDL	0.0066	mg/kg	8260B	04/25/15	5
1,3-Dichlorobenzene	BDL	0.0066	mg/kg	8260B	04/25/15	5
1,4-Dichlorobenzene	BDL	0.0066	mg/kg	8260B	04/25/15	5
Dichlorodifluoromethane	BDL	0.033	mg/kg	8260B	04/25/15	5
1,1-Dichloroethane	BDL	0.0066	mg/kg	8260B	04/25/15	5
1,2-Dichloroethane	BDL	0.0066	mg/kg	8260B	04/25/15	5
1,1-Dichloroethene	BDL	0.0066	mg/kg	8260B	04/25/15	5
cis-1,2-Dichloroethene	BDL	0.0066	mg/kg	8260B	04/25/15	5
trans-1,2-Dichloroethene	BDL	0.0066	mg/kg	8260B	04/25/15	5
1,2-Dichloropropane	BDL	0.0066	mg/kg	8260B	04/25/15	5
1,1-Dichloropropene	BDL	0.0066	mg/kg	8260B	04/25/15	5
1,3-Dichloropropene	BDL	0.0066	mg/kg	8260B	04/25/15	5
cis-1,3-Dichloropropene	BDL	0.0066	mg/kg	8260B	04/25/15	5
trans-1,3-Dichloropropene	BDL	0.0066	mg/kg	8260B	04/25/15	5
2,2-Dichloropropane	BDL	0.0066	mg/kg	8260B	04/25/15	5
Di-isopropyl ether	BDL	0.0066	mg/kg	8260B	04/25/15	5
Ethylbenzene	BDL	0.0066	mg/kg	8260B	04/25/15	5
Hexachloro-1,3-butadiene	BDL	0.0066	mg/kg	8260B	04/25/15	5
Isopropylbenzene	BDL	0.0066	mg/kg	8260B	04/25/15	5

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REPORT OF ANALYSIS

Mr. Adam Flege  
 Apex Environmental Inc. - Cincinnati  
 155 Tri County Parkway Ste. 250  
 Cincinnati, OH 45246

April 29, 2015

Date Received : April 17, 2015  
 Description : Jamestown, NY  
 Sample ID : SB 14-2-4 FT  
 Collected By : Terrie L. Swanson  
 Collection Date : 04/16/15 03:25

ESC Sample # : L760073-09  
 Site ID : SOUTHSIDE PLAZA  
 Project # : 1200455

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
p-Isopropyltoluene	BDL	0.0066	mg/kg	8260B	04/25/15	5
2-Butanone (MEK)	BDL	0.066	mg/kg	8260B	04/25/15	5
Methylene Chloride	0.041	0.033	mg/kg	8260B	04/25/15	5
4-Methyl-2-pentanone (MIBK)	BDL	0.066	mg/kg	8260B	04/25/15	5
Methyl tert-butyl ether	BDL	0.0066	mg/kg	8260B	04/25/15	5
Naphthalene	BDL	0.033	mg/kg	8260B	04/25/15	5
n-Propylbenzene	BDL	0.0066	mg/kg	8260B	04/25/15	5
Styrene	BDL	0.0066	mg/kg	8260B	04/25/15	5
1,1,1,2-Tetrachloroethane	BDL	0.0066	mg/kg	8260B	04/25/15	5
1,1,2,2-Tetrachloroethane	BDL	0.0066	mg/kg	8260B	04/25/15	5
1,1,2-Trichlorotrifluoroethane	BDL	0.0066	mg/kg	8260B	04/25/15	5
Tetrachloroethene	BDL	0.0066	mg/kg	8260B	04/25/15	5
Toluene	BDL	0.033	mg/kg	8260B	04/25/15	5
1,2,3-Trichlorobenzene	BDL	0.0066	mg/kg	8260B	04/25/15	5
1,2,4-Trichlorobenzene	BDL	0.0066	mg/kg	8260B	04/25/15	5
1,1,1-Trichloroethane	BDL	0.0066	mg/kg	8260B	04/25/15	5
1,1,2-Trichloroethane	BDL	0.0066	mg/kg	8260B	04/25/15	5
Trichloroethene	BDL	0.0066	mg/kg	8260B	04/25/15	5
Trichlorofluoromethane	BDL	0.033	mg/kg	8260B	04/25/15	5
1,2,3-Trichloropropane	BDL	0.016	mg/kg	8260B	04/25/15	5
1,2,4-Trimethylbenzene	BDL	0.0066	mg/kg	8260B	04/25/15	5
1,2,3-Trimethylbenzene	BDL	0.0066	mg/kg	8260B	04/25/15	5
Vinyl chloride	BDL	0.0066	mg/kg	8260B	04/25/15	5
1,3,5-Trimethylbenzene	BDL	0.0066	mg/kg	8260B	04/25/15	5
Xylenes, Total	BDL	0.020	mg/kg	8260B	04/25/15	5
Surrogate Recovery						
Toluene-d8	105.		% Rec.	8260B	04/25/15	1
Dibromofluoromethane	114.		% Rec.	8260B	04/25/15	1
4-Bromofluorobenzene	93.6		% Rec.	8260B	04/25/15	1

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

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REPORT OF ANALYSIS

April 29, 2015

Mr. Adam Flege  
 Apex Environmental Inc. - Cincinnati  
 155 Tri County Parkway Ste. 250  
 Cincinnati, OH 45246

Date Received : April 17, 2015  
 Description : Jamestown, NY  
 Sample ID : SB 14-8-12 FT  
 Collected By : Terrie L. Swanson  
 Collection Date : 04/16/15 03:50

ESC Sample # : L760073-10  
 Site ID : SOUTHSIDE PLAZA  
 Project # : 1200455

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	86.7		%	2540 G-2011	04/21/15	1
<b>Volatile Organics</b>						
Acetone	BDL	0.29	mg/kg	8260B	04/25/15	5
Acrylonitrile	BDL	0.058	mg/kg	8260B	04/25/15	5
Benzene	BDL	0.0058	mg/kg	8260B	04/25/15	5
Bromobenzene	BDL	0.0058	mg/kg	8260B	04/25/15	5
Bromodichloromethane	BDL	0.0058	mg/kg	8260B	04/25/15	5
Bromoform	BDL	0.0058	mg/kg	8260B	04/25/15	5
Bromomethane	BDL	0.029	mg/kg	8260B	04/25/15	5
n-Butylbenzene	BDL	0.0058	mg/kg	8260B	04/25/15	5
sec-Butylbenzene	BDL	0.0058	mg/kg	8260B	04/25/15	5
tert-Butylbenzene	BDL	0.0058	mg/kg	8260B	04/25/15	5
Carbon tetrachloride	BDL	0.0058	mg/kg	8260B	04/25/15	5
Chlorobenzene	BDL	0.0058	mg/kg	8260B	04/25/15	5
Chlorodibromomethane	BDL	0.0058	mg/kg	8260B	04/25/15	5
Chloroethane	BDL	0.029	mg/kg	8260B	04/25/15	5
2-Chloroethyl vinyl ether	BDL	0.29	mg/kg	8260B	04/25/15	5
Chloroform	BDL	0.029	mg/kg	8260B	04/25/15	5
Chloromethane	BDL	0.014	mg/kg	8260B	04/25/15	5
2-Chlorotoluene	BDL	0.0058	mg/kg	8260B	04/25/15	5
4-Chlorotoluene	BDL	0.0058	mg/kg	8260B	04/25/15	5
1,2-Dibromo-3-Chloropropane	BDL	0.029	mg/kg	8260B	04/25/15	5
1,2-Dibromoethane	BDL	0.0058	mg/kg	8260B	04/25/15	5
Dibromomethane	BDL	0.0058	mg/kg	8260B	04/25/15	5
1,2-Dichlorobenzene	BDL	0.0058	mg/kg	8260B	04/25/15	5
1,3-Dichlorobenzene	BDL	0.0058	mg/kg	8260B	04/25/15	5
1,4-Dichlorobenzene	BDL	0.0058	mg/kg	8260B	04/25/15	5
Dichlorodifluoromethane	BDL	0.029	mg/kg	8260B	04/25/15	5
1,1-Dichloroethane	BDL	0.0058	mg/kg	8260B	04/25/15	5
1,2-Dichloroethane	BDL	0.0058	mg/kg	8260B	04/25/15	5
1,1-Dichloroethene	BDL	0.0058	mg/kg	8260B	04/25/15	5
cis-1,2-Dichloroethene	BDL	0.0058	mg/kg	8260B	04/25/15	5
trans-1,2-Dichloroethene	BDL	0.0058	mg/kg	8260B	04/25/15	5
1,2-Dichloropropane	BDL	0.0058	mg/kg	8260B	04/25/15	5
1,1-Dichloropropene	BDL	0.0058	mg/kg	8260B	04/25/15	5
1,3-Dichloropropene	BDL	0.0058	mg/kg	8260B	04/25/15	5
cis-1,3-Dichloropropene	BDL	0.0058	mg/kg	8260B	04/25/15	5
trans-1,3-Dichloropropene	BDL	0.0058	mg/kg	8260B	04/25/15	5
2,2-Dichloropropane	BDL	0.0058	mg/kg	8260B	04/25/15	5
Di-isopropyl ether	BDL	0.0058	mg/kg	8260B	04/25/15	5
Ethylbenzene	BDL	0.0058	mg/kg	8260B	04/25/15	5
Hexachloro-1,3-butadiene	BDL	0.0058	mg/kg	8260B	04/25/15	5
Isopropylbenzene	BDL	0.0058	mg/kg	8260B	04/25/15	5

Results listed are dry weight basis.  
 BDL - Below Detection Limit  
 Det. Limit - Practical Quantitation Limit(PQL)  
 Note:

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Est. 1970

REPORT OF ANALYSIS

Mr. Adam Flege  
 Apex Environmental Inc. - Cincinnati  
 155 Tri County Parkway Ste. 250  
 Cincinnati, OH 45246

April 29, 2015

Date Received : April 17, 2015  
 Description : Jamestown, NY  
 Sample ID : SB 14-8-12 FT  
 Collected By : Terrie L. Swanson  
 Collection Date : 04/16/15 03:50

ESC Sample # : L760073-10  
 Site ID : SOUTHSIDE PLAZA  
 Project # : 1200455

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
p-Isopropyltoluene	BDL	0.0058	mg/kg	8260B	04/25/15	5
2-Butanone (MEK)	BDL	0.058	mg/kg	8260B	04/25/15	5
Methylene Chloride	BDL	0.029	mg/kg	8260B	04/25/15	5
4-Methyl-2-pentanone (MIBK)	BDL	0.058	mg/kg	8260B	04/25/15	5
Methyl tert-butyl ether	BDL	0.0058	mg/kg	8260B	04/25/15	5
Naphthalene	BDL	0.029	mg/kg	8260B	04/25/15	5
n-Propylbenzene	BDL	0.0058	mg/kg	8260B	04/25/15	5
Styrene	BDL	0.0058	mg/kg	8260B	04/25/15	5
1,1,1,2-Tetrachloroethane	BDL	0.0058	mg/kg	8260B	04/25/15	5
1,1,2,2-Tetrachloroethane	BDL	0.0058	mg/kg	8260B	04/25/15	5
1,1,2-Trichlorotrifluoroethane	BDL	0.0058	mg/kg	8260B	04/25/15	5
Tetrachloroethene	BDL	0.0058	mg/kg	8260B	04/25/15	5
Toluene	BDL	0.029	mg/kg	8260B	04/25/15	5
1,2,3-Trichlorobenzene	BDL	0.0058	mg/kg	8260B	04/25/15	5
1,2,4-Trichlorobenzene	BDL	0.0058	mg/kg	8260B	04/25/15	5
1,1,1-Trichloroethane	BDL	0.0058	mg/kg	8260B	04/25/15	5
1,1,2-Trichloroethane	BDL	0.0058	mg/kg	8260B	04/25/15	5
Trichloroethene	BDL	0.0058	mg/kg	8260B	04/25/15	5
Trichlorofluoromethane	BDL	0.029	mg/kg	8260B	04/25/15	5
1,2,3-Trichloropropane	BDL	0.014	mg/kg	8260B	04/25/15	5
1,2,4-Trimethylbenzene	BDL	0.0058	mg/kg	8260B	04/25/15	5
1,2,3-Trimethylbenzene	BDL	0.0058	mg/kg	8260B	04/25/15	5
Vinyl chloride	BDL	0.0058	mg/kg	8260B	04/25/15	5
1,3,5-Trimethylbenzene	BDL	0.0058	mg/kg	8260B	04/25/15	5
Xylenes, Total	BDL	0.017	mg/kg	8260B	04/25/15	5
Surrogate Recovery						
Toluene-d8	105.		% Rec.	8260B	04/25/15	1
Dibromofluoromethane	107.		% Rec.	8260B	04/25/15	1
4-Bromofluorobenzene	94.9		% Rec.	8260B	04/25/15	1

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Note:

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The reported analytical results relate only to the sample submitted

Reported: 04/29/15 15:46 Printed: 04/29/15 15:47

Attachment A  
List of Analytes with QC Qualifiers

Sample Number	Work Group	Sample Type	Analyte	Run ID	Qualifier
L760073-01	WG782984	SAMP	Acetone	R3033503	J4J5**
	WG785319	SAMP	Tetrachloroethene	R3033743	J4
L760073-02	WG782984	SAMP	Acetone	R3033503	J4
L760073-03	WG782984	SAMP	Acetone	R3033503	J4
	WG785319	SAMP	Tetrachloroethene	R3033743	J4
L760073-04	WG782984	SAMP	Acetone	R3033503	J4
L760073-05	WG782984	SAMP	Acetone	R3033503	J4
	WG785319	SAMP	Tetrachloroethene	R3033743	J4
L760073-06	WG782984	SAMP	Acetone	R3033503	J4
L760073-07	WG782984	SAMP	Acetone	R3033503	J4
L760073-08	WG782984	SAMP	Acetone	R3033503	J4
L760073-09	WG782984	SAMP	Acetone	R3033503	J4
L760073-10	WG782984	SAMP	Acetone	R3033503	J4

Attachment B  
Explanation of QC Qualifier Codes

Qualifier	Meaning
J4	The associated batch QC was outside the established quality control range for accuracy.
J5	The sample matrix interfered with the ability to make any accurate determination; spike value is high

Qualifier Report Information

ESC utilizes sample and result qualifiers as set forth by the EPA Contract Laboratory Program and as required by most certifying bodies including NELAC. In addition to the EPA qualifiers adopted by ESC, we have implemented ESC qualifiers to provide more information pertaining to our analytical results. Each qualifier is designated in the qualifier explanation as either EPA or ESC. Data qualifiers are intended to provide the ESC client with more detailed information concerning the potential bias of reported data. Because of the wide range of constituents and variety of matrices incorporated by most EPA methods, it is common for some compounds to fall outside of established ranges. These exceptions are evaluated and all reported data is valid and useable "unless qualified as 'R' (Rejected)."

Definitions

**Accuracy** - The relationship of the observed value of a known sample to the true value of a known sample. Represented by percent recovery and relevant to samples such as: control samples, matrix spike recoveries, surrogate recoveries, etc.

**Precision** - The agreement between a set of samples or between duplicate samples. Relates to how close together the results are and is represented by Relative Percent Difference.

**Surrogate** - Organic compounds that are similar in chemical composition, extraction, and chromatography to analytes of interest. The surrogates are used to determine the probable response of the group of analytes that are chemically related to the surrogate compound. Surrogates are added to the sample and carried through all stages of preparation and analyses.

**TIC** - Tentatively Identified Compound: Compounds detected in samples that are not target compounds, internal standards, system monitoring compounds, or surrogates.

**Apex Environmental Inc. - Cincinnati**

155 Tri County Parkway Ste. 250  
Cincinnati, OH 45246

Billing Information:

Mr. Adam Flege  
155 Tri County Parkway Ste. 250  
Cincinnati, OH 45246

Email To: [aflege@apexcos.com](mailto:aflege@apexcos.com)

Report to:  
**Mr. Adam Flege**

Project  
Description: **Jamestown, NY**

City/State  
Collected:

Phone: **513-771-3617**  
Fax: **513-477-3723**

Client Project #

**1200455**

Lab Project #  
**APEXCOH-JAMESTOWN**

Collected by (print):  
**TERRIE L. SWANSON**

Site/Facility ID #

**SOUTHSIDE PLAZA**

P.O. #

Collected by (signature):  
*[Signature]*

**Rush?** (Lab MUST Be Notified)

\_\_\_ Same Day .....200%  
\_\_\_ Next Day .....100%  
\_\_\_ Two Day .....50%  
\_\_\_ Three Day .....25%

Date Results Needed

Email? \_\_\_ No **X** Yes

FAX? \_\_\_ No \_\_\_ Yes

No. of  
Cntrs

Immediately Packed on Ice: N \_\_\_ Y **X**

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	TS; VOC screen 40zCl-NoPres	V8260 40ml/NaHSO4/Syr/MeOH	V8260 40mlAmb-HCl	V8260 40mlAmb-HCl-Bik											
SB12-4-8	G	SSGW	4-8	4.15.15	2155	12	X														01
SB12-8-11.3	G	SSGW	8-11.3	4.15.15	2205	12	X														02
SB13-6-10	G	SSGW	6-10	4.15.15	2310	12	X														03
SB13-10-13.5	G	SSGW	10-13.5	4.15.15	2320	12	X														04
SB10-6-8	G	SSGW	6-8	4.16.15	0000	12	X														05
SB10-10-12	G	SSGW	10-12	4.16.15	0010	12	X														06
SB9-0-2	G	SSGW	0-2	4.16.15	0200	12	X														07
SB9-6-8	G	SSGW	6-8	4.16.15	0210	12	X														08
SB14-2-4	G	SSGW	2-4	4.16.15	0325	12	X														09
SB14-8-12	G	SSGW	8-12	4.16.15	0350	12	X														10

\* Matrix: SS - Soil GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other \_\_\_\_\_

Remarks: ALL 10 SOIL SAMPLES IN ONE 4 QT. CLEAR JAR (EACH)

6361 9186 3850

pH \_\_\_\_\_ Temp \_\_\_\_\_  
Flow \_\_\_\_\_ Other \_\_\_\_\_

Relinquished by: (Signature) <i>[Signature]</i>	Date: 4.16.15	Time: 0830HRS	Received by: (Signature) <i>[Signature]</i>	Samples returned via: <input type="checkbox"/> UPS <input checked="" type="checkbox"/> FedEx <input type="checkbox"/> Courier <input type="checkbox"/> _____	Hold #
Relinquished by: (Signature) <i>[Signature]</i>	Date:	Time:	Received by: (Signature) <i>[Signature]</i>	Temp: 1.9 °C Bottles Received: 10	Condition: (lab use only) 503
Relinquished by: (Signature) <i>[Signature]</i>	Date:	Time:	Received for lab by: (Signature) <i>[Signature]</i>	Date: 4/17/15 Time: 0900	COC Seal Intact: <input checked="" type="checkbox"/> Y ___ N ___ NA pH Checked: _____ NCF: _____

Analysis / Container / Preservative



YOUR LAB OF CHOICE

12065 Lebanon Rd  
Mount Juliet, TN 37122  
Phone: 615-758-5858  
Phone: 800-767-5859  
Fax: 615-758-5859



L# **L764073**  
**C145**  
Acctnum: APEXCOH  
Template: T101771  
Prelogin: P506591  
TSR: 044 - Leslie Newton  
PB: **49-15 mo**  
Shipped Via: **FedEX Ground**

Rem./Contaminant Sample # (lab only)



# **ATTACHMENT C**

## **Groundwater Purge Logs**



# MONITORING WELL PURGE AND SAMPLE LOG

Project Name:	<u>SOUTHSIDE PLAZA SOURCE INVESTIGATION</u>	Site Location:	<u>704-744 Foote Ave, Jamestown, NY</u>
Project Number:	<u>1200455</u>	Well ID:	<u>MW12</u>
Weather:	<u>Partly cloudy 65°F</u>	Date:	<u>4/17/2015</u>
Purging Equipment:	<u>Peristaltic Pump Geopump 1358</u>		

WELL CHARACTERISTICS			
Casing diameter (inches):	<u>1"</u>	Well Depth (ft. BTOC):	<u>11.3'</u>
Screen Interval (ft. BTOC):	<u>6.3' - 11.3'</u>		

Purging/sampling crew:	<u>TERRIE L SWANSON</u>	Water Quality Instrument:	<u>YSI 556MPS SN 06D2138AL</u>
Initial (pre-purging) DTW/time (ft. BTOC):	<u>2.89' / 1450 hrs</u>		
Volume of water column (all measurements in feet; resulting volume in gallons) = 11.3' - 2.89' = 8.41' x 0.041 = 0.344 gals (x 3 = 1.03 gals)			

GROUNDWATER QUALITY PARAMETER MEASUREMENTS					
Time	Cumulative Volume Purged (Gallons)	Temp. (degree C) ± 10%	Specific Conductance (uS/cm) ± 10%	pH (su) ± 10%	Comments
1512	1.00	15.10	0.513	6.96	bottom of tubing at approximately 7' BGS
1514	1.25	15.15	0.526	6.89	
1516	1.50	15.05	0.520	6.92	
1518	1.75	15.07	0.538	6.95	no noticeable clearing of silt

<b>Sample Collection Information</b>			
Date:	<u>4/17/2015</u>	Sample Bottles:	<u>2 X 40-ml amber VOA vials</u>
Time:	<u>1519</u>	Preservation:	<u>HCl</u>
Sample Number:	<u>MW12-04-17-15</u>	Sampling Method:	<u>Peristaltic pump</u>
Sampler (Name):	<u>TERRIE L SWANSON</u>	Analyses:	<u>8260 VOCs</u>



## MONITORING WELL PURGE AND SAMPLE LOG

Project Name: <u>SOUTHSIDE PLAZA SOURCE INVESTIGATION</u>	Site Location: <u>704-744 Foote Ave, Jamestown, NY</u>
Project Number: <u>1200455</u>	Well ID: <u>MW13</u>
Weather: <u>Partly cloudy 65°F</u>	Date: <u>4/17/2015</u>
Purging Equipment: <u>Peristaltic Pump Geopump 1358</u>	

WELL CHARACTERISTICS	
Casing diameter (inches): <u>1"</u>	Well Depth (ft. BTOC): <u>13.5'</u>
Screen Interval (ft. BTOC): <u>8.5' - 13.5'</u>	

Purging/sampling crew: TERRIE L SWANSON      Water Quality Instrument: YSI 556MPS SN 06D2138AL

Initial (pre-purging) DTW/time (ft. BTOC): 3.84' / 1355 hrs

Volume of water column (all measurements in feet; resulting volume in gallons) =  $13.5' - 3.84' = 9.66' \times 0.041 = 0.396 \text{ gals} \times 3 = 1.19 \text{ gals}$

GROUNDWATER QUALITY PARAMETER MEASUREMENTS					
Time	Cumulative Volume Purged (Gallons)	Temp. (degree C) ± 10%	Specific Conductance (uS/cm) ± 10%	pH (su) ± 10%	Comments
1415	1.25	15.18	0.612	7.18	bottom of tubing at approximately 7.5' BGS
1417	1.50	15.11	0.609	7.19	
1419	1.75	15.12	0.607	7.18	
1421	2.00	15.11	0.608	7.20	no noticeable clearing of silt

Sample Collection Information	
Date: <u>4/17/2015</u>	Sample Bottles: <u>2 X 40-ml amber vials (per sample)</u>
Time: <u>1422 / 1423D</u>	Preservation: <u>HCl</u>
Sample Number: <u>MW13-04-17-15 &amp; MW13-04-17-15D</u>	Sampling Method: <u>Peristaltic pump</u>
Sampler (Name): <u>TERRIE L SWANSON</u>	Analyses: <u>8260 VOCs</u>



# MONITORING WELL PURGE AND SAMPLE LOG

Project Name:	<u>SOUTHSIDE PLAZA SOURCE INVESTIGATION</u>	Site Location:	<u>704-744 Foote Ave, Jamestown, NY</u>
Project Number:	<u>1200455</u>	Well ID:	<u>MW14</u>
Weather:	<u>Partly cloudy 65°F</u>	Date:	<u>4/17/2015</u>
Purging Equipment:	<u>Peristaltic Pump Geopump 1358</u>		

## WELL CHARACTERISTICS

Casing diameter (inches):	<u>1"</u>	Well Depth (ft. BTOC):	<u>13.9'</u>
Screen Interval (ft. BTOC):	<u>8.9' - 13.9'</u>		

Purging/sampling crew:	<u>TERRIE L SWANSON</u>	Water Quality Instrument:	<u>YSI 556MPS SN 06D2138AL</u>
Initial (pre-purging) DTW/time (ft. BTOC):	<u>4.56' / 1305 hrs</u>		

Volume of water column (all measurements in feet; resulting volume in gallons) = 13.9' - 4.56' = 9.34' x 0.041 = 0.383 gals (x 3 = 1.15 gals)

## GROUNDWATER QUALITY PARAMETER MEASUREMENTS

Time	Cumulative Volume Purged (Gallons)	Temp. (degree C) ± 10%	Specific Conductance (uS/cm) ± 10%	pH (su) ± 10%	Comments
1321	1.25	15.75	0.953	7.11	bottom of tubing at approx. 9.25' BGS
1323	1.50	15.69	0.951	6.90	
1325	1.75	15.67	0.948	6.87	
1327	2.00	15.68	0.949	6.78	no noticeable clearing of silt

### Sample Collection Information

Date:	<u>4/17/2015</u>	Sample Bottles:	<u>2 X 40-ml amber vials</u>
Time:	<u>1328</u>	Preservation:	<u>HCl</u>
Sample Number:	<u>MW14-04-17-15</u>	Sampling Method:	<u>Peristaltic pump</u>
Sampler (Name):	<u>TERRIE L SWANSON</u>	Analyses:	<u>8260 VOCs</u>

# **ATTACHMENT D**

**Groundwater Laboratory Analytical  
Report and Chain-of-Custody Documentation**



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Mr. Adam Flege  
Apex Environmental Inc. - Cincinnati  
155 Tri County Parkway Ste. 250  
Cincinnati, OH 45246

### Report Summary

Wednesday April 29, 2015

Report Number: L760290

Samples Received: 04/18/15

Client Project: 1200455

Description: Jamestown, NY

The analytical results in this report are based upon information supplied by you, the client, and are for your exclusive use. If you have any questions regarding this data package, please do not hesitate to call.

Entire Report Reviewed By:

Leslie Newton , ESC Representative

#### Laboratory Certification Numbers

A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - 01157CA, CT - PH-0197,  
FL - E87487, GA - 923, IN - C-TN-01, KY - 90010, KYUST - 0016,  
NC - ENV375/DW21704/BIO041, ND - R-140. NJ - TN002, NJ NELAP - TN002,  
SC - 84004, TN - 2006, VA - 460132, WV - 233, AZ - 0612,  
MN - 047-999-395, NY - 11742, WI - 998093910, NV - TN000032011-1,  
TX - T104704245-11-3, OK - 9915, PA - 68-02979, IA Lab #364, EPA - TN002

Accreditation is only applicable to the test methods specified on each scope of accreditation held by ESC Lab Sciences.

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Est. 1970

Mr. Adam Flege  
Apex Environmental Inc. - Cincinnati  
155 Tri County Parkway Ste. 250  
Cincinnati, OH 45246

### Case Narrative

Wednesday April 29, 2015

Report Number: L760290

Samples Received: 04/18/15

Client Project: 1200455

Description: Jamestown, NY

#### Other Comments

Trip Blank was analyzed twice to confirm the PCE result.



**YOUR LAB OF CHOICE**

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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Mr. Adam Flege  
 Apex Environmental Inc. - Cincinnati  
 155 Tri County Parkway Ste. 250  
 Cincinnati, OH 45246

April 29, 2015

Date Received : April 18, 2015  
 Description : Jamestown, NY  
 Sample ID : MW14-04-17-15  
 Collected By : Terrie L. Swanson  
 Collection Date : 04/17/15 13:28

ESC Sample # : L760290-01  
 Site ID : SOUTHSIDE PLAZA  
 Project # : 1200455

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Volatile Organics						
Acetone	BDL	0.050	mg/l	8260B	04/22/15	1
Acrolein	BDL	0.050	mg/l	8260B	04/22/15	1
Acrylonitrile	BDL	0.010	mg/l	8260B	04/22/15	1
Benzene	BDL	0.0010	mg/l	8260B	04/22/15	1
Bromobenzene	BDL	0.0010	mg/l	8260B	04/22/15	1
Bromodichloromethane	BDL	0.0010	mg/l	8260B	04/22/15	1
Bromoform	BDL	0.0010	mg/l	8260B	04/22/15	1
Bromomethane	BDL	0.0050	mg/l	8260B	04/22/15	1
n-Butylbenzene	BDL	0.0010	mg/l	8260B	04/22/15	1
sec-Butylbenzene	BDL	0.0010	mg/l	8260B	04/22/15	1
tert-Butylbenzene	BDL	0.0010	mg/l	8260B	04/22/15	1
Carbon tetrachloride	BDL	0.0010	mg/l	8260B	04/22/15	1
Chlorobenzene	BDL	0.0010	mg/l	8260B	04/22/15	1
Chlorodibromomethane	BDL	0.0010	mg/l	8260B	04/22/15	1
Chloroethane	BDL	0.0050	mg/l	8260B	04/22/15	1
2-Chloroethyl vinyl ether	BDL	0.050	mg/l	8260B	04/22/15	1
Chloroform	BDL	0.0050	mg/l	8260B	04/22/15	1
Chloromethane	BDL	0.0025	mg/l	8260B	04/22/15	1
2-Chlorotoluene	BDL	0.0010	mg/l	8260B	04/22/15	1
4-Chlorotoluene	BDL	0.0010	mg/l	8260B	04/22/15	1
1,2-Dibromo-3-Chloropropane	BDL	0.0050	mg/l	8260B	04/22/15	1
1,2-Dibromoethane	BDL	0.0010	mg/l	8260B	04/22/15	1
Dibromomethane	BDL	0.0010	mg/l	8260B	04/22/15	1
1,2-Dichlorobenzene	BDL	0.0010	mg/l	8260B	04/22/15	1
1,3-Dichlorobenzene	BDL	0.0010	mg/l	8260B	04/22/15	1
1,4-Dichlorobenzene	BDL	0.0010	mg/l	8260B	04/22/15	1
Dichlorodifluoromethane	BDL	0.0050	mg/l	8260B	04/22/15	1
1,1-Dichloroethane	BDL	0.0010	mg/l	8260B	04/22/15	1
1,2-Dichloroethane	BDL	0.0010	mg/l	8260B	04/22/15	1
1,1-Dichloroethene	BDL	0.0010	mg/l	8260B	04/22/15	1
cis-1,2-Dichloroethene	BDL	0.0010	mg/l	8260B	04/22/15	1
trans-1,2-Dichloroethene	BDL	0.0010	mg/l	8260B	04/22/15	1
1,2-Dichloropropane	BDL	0.0010	mg/l	8260B	04/22/15	1
1,1-Dichloropropene	BDL	0.0010	mg/l	8260B	04/22/15	1
1,3-Dichloropropane	BDL	0.0010	mg/l	8260B	04/22/15	1
cis-1,3-Dichloropropene	BDL	0.0010	mg/l	8260B	04/22/15	1
trans-1,3-Dichloropropene	BDL	0.0010	mg/l	8260B	04/22/15	1
2,2-Dichloropropane	BDL	0.0010	mg/l	8260B	04/22/15	1
Di-isopropyl ether	BDL	0.0010	mg/l	8260B	04/22/15	1
Ethylbenzene	BDL	0.0010	mg/l	8260B	04/22/15	1
Hexachloro-1,3-butadiene	BDL	0.0010	mg/l	8260B	04/22/15	1
Isopropylbenzene	BDL	0.0010	mg/l	8260B	04/22/15	1
p-Isopropyltoluene	BDL	0.0010	mg/l	8260B	04/22/15	1

BDL - Below Detection Limit  
 Det. Limit - Practical Quantitation Limit(PQL)





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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

April 29, 2015

Mr. Adam Flege  
 Apex Environmental Inc. - Cincinnati  
 155 Tri County Parkway Ste. 250  
 Cincinnati, OH 45246

Date Received : April 18, 2015  
 Description : Jamestown, NY  
 Sample ID : MW14-04-17-15  
 Collected By : Terrie L. Swanson  
 Collection Date : 04/17/15 13:28

ESC Sample # : L760290-01  
 Site ID : SOUTHSIDE PLAZA  
 Project # : 1200455

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
2-Butanone (MEK)	BDL	0.010	mg/l	8260B	04/22/15	1
Methylene Chloride	BDL	0.0050	mg/l	8260B	04/22/15	1
4-Methyl-2-pentanone (MIBK)	BDL	0.010	mg/l	8260B	04/22/15	1
Methyl tert-butyl ether	BDL	0.0010	mg/l	8260B	04/22/15	1
Naphthalene	BDL	0.0050	mg/l	8260B	04/22/15	1
n-Propylbenzene	BDL	0.0010	mg/l	8260B	04/22/15	1
Styrene	BDL	0.0010	mg/l	8260B	04/22/15	1
1,1,1,2-Tetrachloroethane	BDL	0.0010	mg/l	8260B	04/22/15	1
1,1,2,2-Tetrachloroethane	BDL	0.0010	mg/l	8260B	04/22/15	1
1,1,2-Trichlorotrifluoroethane	BDL	0.0010	mg/l	8260B	04/22/15	1
Tetrachloroethene	0.051	0.0010	mg/l	8260B	04/22/15	1
Toluene	BDL	0.0050	mg/l	8260B	04/22/15	1
1,2,3-Trichlorobenzene	BDL	0.0010	mg/l	8260B	04/22/15	1
1,2,4-Trichlorobenzene	BDL	0.0010	mg/l	8260B	04/22/15	1
1,1,1-Trichloroethane	BDL	0.0010	mg/l	8260B	04/22/15	1
1,1,2-Trichloroethane	BDL	0.0010	mg/l	8260B	04/22/15	1
Trichloroethene	BDL	0.0010	mg/l	8260B	04/22/15	1
Trichlorofluoromethane	BDL	0.0050	mg/l	8260B	04/22/15	1
1,2,3-Trichloropropane	BDL	0.0025	mg/l	8260B	04/22/15	1
1,2,4-Trimethylbenzene	BDL	0.0010	mg/l	8260B	04/22/15	1
1,2,3-Trimethylbenzene	BDL	0.0010	mg/l	8260B	04/22/15	1
1,3,5-Trimethylbenzene	BDL	0.0010	mg/l	8260B	04/22/15	1
Vinyl chloride	BDL	0.0010	mg/l	8260B	04/22/15	1
Xylenes, Total	BDL	0.0030	mg/l	8260B	04/22/15	1
Surrogate Recovery						
Toluene-d8	102.		% Rec.	8260B	04/22/15	1
Dibromofluoromethane	105.		% Rec.	8260B	04/22/15	1
4-Bromofluorobenzene	104.		% Rec.	8260B	04/22/15	1

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Note:

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REPORT OF ANALYSIS

Mr. Adam Flege  
Apex Environmental Inc. - Cincinnati  
155 Tri County Parkway Ste. 250  
Cincinnati, OH 45246

April 29, 2015

Date Received : April 18, 2015  
Description : Jamestown, NY  
Sample ID : MW13-04-17-15  
Collected By : Terrie L. Swanson  
Collection Date : 04/17/15 14:22

ESC Sample # : L760290-02  
Site ID : SOUTHSIDE PLAZA  
Project # : 1200455

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Volatile Organics						
Acetone	BDL	0.050	mg/l	8260B	04/22/15	1
Acrolein	BDL	0.050	mg/l	8260B	04/22/15	1
Acrylonitrile	BDL	0.010	mg/l	8260B	04/22/15	1
Benzene	BDL	0.0010	mg/l	8260B	04/22/15	1
Bromobenzene	BDL	0.0010	mg/l	8260B	04/22/15	1
Bromodichloromethane	BDL	0.0010	mg/l	8260B	04/22/15	1
Bromoform	BDL	0.0010	mg/l	8260B	04/22/15	1
Bromomethane	BDL	0.0050	mg/l	8260B	04/22/15	1
n-Butylbenzene	BDL	0.0010	mg/l	8260B	04/22/15	1
sec-Butylbenzene	BDL	0.0010	mg/l	8260B	04/22/15	1
tert-Butylbenzene	BDL	0.0010	mg/l	8260B	04/22/15	1
Carbon tetrachloride	0.0034	0.0010	mg/l	8260B	04/22/15	1
Chlorobenzene	BDL	0.0010	mg/l	8260B	04/22/15	1
Chlorodibromomethane	BDL	0.0010	mg/l	8260B	04/22/15	1
Chloroethane	BDL	0.0050	mg/l	8260B	04/22/15	1
2-Chloroethyl vinyl ether	BDL	0.050	mg/l	8260B	04/22/15	1
Chloroform	BDL	0.0050	mg/l	8260B	04/22/15	1
Chloromethane	BDL	0.0025	mg/l	8260B	04/22/15	1
2-Chlorotoluene	BDL	0.0010	mg/l	8260B	04/22/15	1
4-Chlorotoluene	BDL	0.0010	mg/l	8260B	04/22/15	1
1,2-Dibromo-3-Chloropropane	BDL	0.0050	mg/l	8260B	04/22/15	1
1,2-Dibromoethane	BDL	0.0010	mg/l	8260B	04/22/15	1
Dibromomethane	BDL	0.0010	mg/l	8260B	04/22/15	1
1,2-Dichlorobenzene	BDL	0.0010	mg/l	8260B	04/22/15	1
1,3-Dichlorobenzene	BDL	0.0010	mg/l	8260B	04/22/15	1
1,4-Dichlorobenzene	BDL	0.0010	mg/l	8260B	04/22/15	1
Dichlorodifluoromethane	BDL	0.0050	mg/l	8260B	04/22/15	1
1,1-Dichloroethane	BDL	0.0010	mg/l	8260B	04/22/15	1
1,2-Dichloroethane	BDL	0.0010	mg/l	8260B	04/22/15	1
1,1-Dichloroethene	0.0058	0.0010	mg/l	8260B	04/22/15	1
cis-1,2-Dichloroethene	0.53	0.050	mg/l	8260B	04/24/15	50
trans-1,2-Dichloroethene	0.0072	0.0010	mg/l	8260B	04/22/15	1
1,2-Dichloropropane	0.012	0.0010	mg/l	8260B	04/22/15	1
1,1-Dichloropropene	BDL	0.0010	mg/l	8260B	04/22/15	1
1,3-Dichloropropane	BDL	0.0010	mg/l	8260B	04/22/15	1
cis-1,3-Dichloropropene	BDL	0.0010	mg/l	8260B	04/22/15	1
trans-1,3-Dichloropropene	BDL	0.0010	mg/l	8260B	04/22/15	1
2,2-Dichloropropane	BDL	0.0010	mg/l	8260B	04/22/15	1
Di-isopropyl ether	BDL	0.0010	mg/l	8260B	04/22/15	1
Ethylbenzene	BDL	0.0010	mg/l	8260B	04/22/15	1
Hexachloro-1,3-butadiene	BDL	0.0010	mg/l	8260B	04/22/15	1
Isopropylbenzene	BDL	0.0010	mg/l	8260B	04/22/15	1
p-Isopropyltoluene	BDL	0.0010	mg/l	8260B	04/22/15	1

BDL - Below Detection Limit  
Det. Limit - Practical Quantitation Limit(PQL)



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REPORT OF ANALYSIS

Mr. Adam Flege  
 Apex Environmental Inc. - Cincinnati  
 155 Tri County Parkway Ste. 250  
 Cincinnati, OH 45246

April 29, 2015

Date Received : April 18, 2015  
 Description : Jamestown, NY  
 Sample ID : MW13-04-17-15  
 Collected By : Terrie L. Swanson  
 Collection Date : 04/17/15 14:22

ESC Sample # : L760290-02  
 Site ID : SOUTHSIDE PLAZA  
 Project # : 1200455

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
2-Butanone (MEK)	BDL	0.010	mg/l	8260B	04/22/15	1
Methylene Chloride	BDL	0.0050	mg/l	8260B	04/22/15	1
4-Methyl-2-pentanone (MIBK)	BDL	0.010	mg/l	8260B	04/22/15	1
Methyl tert-butyl ether	BDL	0.0010	mg/l	8260B	04/22/15	1
Naphthalene	BDL	0.0050	mg/l	8260B	04/22/15	1
n-Propylbenzene	BDL	0.0010	mg/l	8260B	04/22/15	1
Styrene	BDL	0.0010	mg/l	8260B	04/22/15	1
1,1,1,2-Tetrachloroethane	0.0062	0.0010	mg/l	8260B	04/22/15	1
1,1,2,2-Tetrachloroethane	BDL	0.0010	mg/l	8260B	04/22/15	1
1,1,2-Trichlorotrifluoroethane	BDL	0.0010	mg/l	8260B	04/22/15	1
Tetrachloroethene	32.	0.50	mg/l	8260B	04/27/15	500
Toluene	BDL	0.0050	mg/l	8260B	04/22/15	1
1,2,3-Trichlorobenzene	BDL	0.0010	mg/l	8260B	04/22/15	1
1,2,4-Trichlorobenzene	BDL	0.0010	mg/l	8260B	04/22/15	1
1,1,1-Trichloroethane	0.026	0.0010	mg/l	8260B	04/22/15	1
1,1,2-Trichloroethane	BDL	0.0010	mg/l	8260B	04/22/15	1
Trichloroethene	0.18	0.050	mg/l	8260B	04/24/15	50
Trichlorofluoromethane	BDL	0.0050	mg/l	8260B	04/22/15	1
1,2,3-Trichloropropane	BDL	0.0025	mg/l	8260B	04/22/15	1
1,2,4-Trimethylbenzene	BDL	0.0010	mg/l	8260B	04/22/15	1
1,2,3-Trimethylbenzene	BDL	0.0010	mg/l	8260B	04/22/15	1
1,3,5-Trimethylbenzene	BDL	0.0010	mg/l	8260B	04/22/15	1
Vinyl chloride	0.014	0.0010	mg/l	8260B	04/22/15	1
Xylenes, Total	BDL	0.0030	mg/l	8260B	04/22/15	1
Surrogate Recovery						
Toluene-d8	98.9		% Rec.	8260B	04/22/15	1
Dibromofluoromethane	99.4		% Rec.	8260B	04/22/15	1
4-Bromofluorobenzene	125.		% Rec.	8260B	04/22/15	1

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Note:

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REPORT OF ANALYSIS

Mr. Adam Flege  
 Apex Environmental Inc. - Cincinnati  
 155 Tri County Parkway Ste. 250  
 Cincinnati, OH 45246

April 29, 2015

Date Received : April 18, 2015  
 Description : Jamestown, NY

ESC Sample # : L760290-03

Sample ID : TRIP BLANK

Site ID : SOUTHSIDE PLAZA

Collected By : Terrie L. Swanson  
 Collection Date : 04/17/15 00:00

Project # : 1200455

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Volatile Organics						
Acetone	BDL	0.050	mg/l	8260B	04/28/15	1
Acrolein	BDL	0.050	mg/l	8260B	04/28/15	1
Acrylonitrile	BDL	0.010	mg/l	8260B	04/28/15	1
Benzene	BDL	0.0010	mg/l	8260B	04/28/15	1
Bromobenzene	BDL	0.0010	mg/l	8260B	04/28/15	1
Bromodichloromethane	BDL	0.0010	mg/l	8260B	04/28/15	1
Bromoform	BDL	0.0010	mg/l	8260B	04/28/15	1
Bromomethane	BDL	0.0050	mg/l	8260B	04/28/15	1
n-Butylbenzene	BDL	0.0010	mg/l	8260B	04/28/15	1
sec-Butylbenzene	BDL	0.0010	mg/l	8260B	04/28/15	1
tert-Butylbenzene	BDL	0.0010	mg/l	8260B	04/28/15	1
Carbon tetrachloride	BDL	0.0010	mg/l	8260B	04/28/15	1
Chlorobenzene	BDL	0.0010	mg/l	8260B	04/28/15	1
Chlorodibromomethane	BDL	0.0010	mg/l	8260B	04/28/15	1
Chloroethane	BDL	0.0050	mg/l	8260B	04/28/15	1
2-Chloroethyl vinyl ether	BDL	0.050	mg/l	8260B	04/28/15	1
Chloroform	BDL	0.0050	mg/l	8260B	04/28/15	1
Chloromethane	BDL	0.0025	mg/l	8260B	04/28/15	1
2-Chlorotoluene	BDL	0.0010	mg/l	8260B	04/28/15	1
4-Chlorotoluene	BDL	0.0010	mg/l	8260B	04/28/15	1
1,2-Dibromo-3-Chloropropane	BDL	0.0050	mg/l	8260B	04/28/15	1
1,2-Dibromoethane	BDL	0.0010	mg/l	8260B	04/28/15	1
Dibromomethane	BDL	0.0010	mg/l	8260B	04/28/15	1
1,2-Dichlorobenzene	BDL	0.0010	mg/l	8260B	04/28/15	1
1,3-Dichlorobenzene	BDL	0.0010	mg/l	8260B	04/28/15	1
1,4-Dichlorobenzene	BDL	0.0010	mg/l	8260B	04/28/15	1
Dichlorodifluoromethane	BDL	0.0050	mg/l	8260B	04/28/15	1
1,1-Dichloroethane	BDL	0.0010	mg/l	8260B	04/28/15	1
1,2-Dichloroethane	BDL	0.0010	mg/l	8260B	04/28/15	1
1,1-Dichloroethene	BDL	0.0010	mg/l	8260B	04/28/15	1
cis-1,2-Dichloroethene	BDL	0.0010	mg/l	8260B	04/28/15	1
trans-1,2-Dichloroethene	BDL	0.0010	mg/l	8260B	04/28/15	1
1,2-Dichloropropane	BDL	0.0010	mg/l	8260B	04/28/15	1
1,1-Dichloropropene	BDL	0.0010	mg/l	8260B	04/28/15	1
1,3-Dichloropropane	BDL	0.0010	mg/l	8260B	04/28/15	1
cis-1,3-Dichloropropene	BDL	0.0010	mg/l	8260B	04/28/15	1
trans-1,3-Dichloropropene	BDL	0.0010	mg/l	8260B	04/28/15	1
2,2-Dichloropropane	BDL	0.0010	mg/l	8260B	04/28/15	1
Di-isopropyl ether	BDL	0.0010	mg/l	8260B	04/28/15	1
Ethylbenzene	BDL	0.0010	mg/l	8260B	04/28/15	1
Hexachloro-1,3-butadiene	BDL	0.0010	mg/l	8260B	04/28/15	1
Isopropylbenzene	BDL	0.0010	mg/l	8260B	04/28/15	1
p-Isopropyltoluene	BDL	0.0010	mg/l	8260B	04/28/15	1

BDL - Below Detection Limit  
 Det. Limit - Practical Quantitation Limit(PQL)  
 L760290-03 (V8260) - Hit confirmed.



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REPORT OF ANALYSIS

Mr. Adam Flege  
 Apex Environmental Inc. - Cincinnati  
 155 Tri County Parkway Ste. 250  
 Cincinnati, OH 45246

April 29, 2015

Date Received : April 18, 2015  
 Description : Jamestown, NY

ESC Sample # : L760290-03

Sample ID : TRIP BLANK

Site ID : SOUTHSIDE PLAZA

Collected By : Terrie L. Swanson  
 Collection Date : 04/17/15 00:00

Project # : 1200455

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
2-Butanone (MEK)	BDL	0.010	mg/l	8260B	04/28/15	1
Methylene Chloride	BDL	0.0050	mg/l	8260B	04/28/15	1
4-Methyl-2-pentanone (MIBK)	BDL	0.010	mg/l	8260B	04/28/15	1
Methyl tert-butyl ether	BDL	0.0010	mg/l	8260B	04/28/15	1
Naphthalene	BDL	0.0050	mg/l	8260B	04/28/15	1
n-Propylbenzene	BDL	0.0010	mg/l	8260B	04/28/15	1
Styrene	BDL	0.0010	mg/l	8260B	04/28/15	1
1,1,1,2-Tetrachloroethane	BDL	0.0010	mg/l	8260B	04/28/15	1
1,1,2,2-Tetrachloroethane	BDL	0.0010	mg/l	8260B	04/28/15	1
1,1,2-Trichlorotrifluoroethane	BDL	0.0010	mg/l	8260B	04/28/15	1
Tetrachloroethene	0.0061	0.0010	mg/l	8260B	04/28/15	1
Toluene	BDL	0.0050	mg/l	8260B	04/28/15	1
1,2,3-Trichlorobenzene	BDL	0.0010	mg/l	8260B	04/28/15	1
1,2,4-Trichlorobenzene	BDL	0.0010	mg/l	8260B	04/28/15	1
1,1,1-Trichloroethane	BDL	0.0010	mg/l	8260B	04/28/15	1
1,1,2-Trichloroethane	BDL	0.0010	mg/l	8260B	04/28/15	1
Trichloroethene	BDL	0.0010	mg/l	8260B	04/28/15	1
Trichlorofluoromethane	BDL	0.0050	mg/l	8260B	04/28/15	1
1,2,3-Trichloropropane	BDL	0.0025	mg/l	8260B	04/28/15	1
1,2,4-Trimethylbenzene	BDL	0.0010	mg/l	8260B	04/28/15	1
1,2,3-Trimethylbenzene	BDL	0.0010	mg/l	8260B	04/28/15	1
1,3,5-Trimethylbenzene	BDL	0.0010	mg/l	8260B	04/28/15	1
Vinyl chloride	BDL	0.0010	mg/l	8260B	04/28/15	1
Xylenes, Total	BDL	0.0030	mg/l	8260B	04/28/15	1
Surrogate Recovery						
Toluene-d8	104.		% Rec.	8260B	04/28/15	1
Dibromofluoromethane	101.		% Rec.	8260B	04/28/15	1
4-Bromofluorobenzene	105.		% Rec.	8260B	04/28/15	1

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Note:

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 L760290-03 (V8260) - Hit confirmed.



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REPORT OF ANALYSIS

Mr. Adam Flege  
 Apex Environmental Inc. - Cincinnati  
 155 Tri County Parkway Ste. 250  
 Cincinnati, OH 45246

April 29, 2015

Date Received : April 18, 2015  
 Description : Jamestown, NY  
 Sample ID : MW13-0417-15D  
 Collected By : Terrie L. Swanson  
 Collection Date : 04/17/15 14:23

ESC Sample # : L760290-04  
 Site ID : SOUTHSIDE PLAZA  
 Project # : 1200455

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Volatile Organics						
Acetone	BDL	0.050	mg/l	8260B	04/22/15	1
Acrolein	BDL	0.050	mg/l	8260B	04/22/15	1
Acrylonitrile	BDL	0.010	mg/l	8260B	04/22/15	1
Benzene	BDL	0.0010	mg/l	8260B	04/22/15	1
Bromobenzene	BDL	0.0010	mg/l	8260B	04/22/15	1
Bromodichloromethane	BDL	0.0010	mg/l	8260B	04/22/15	1
Bromoform	BDL	0.0010	mg/l	8260B	04/22/15	1
Bromomethane	BDL	0.0050	mg/l	8260B	04/22/15	1
n-Butylbenzene	BDL	0.0010	mg/l	8260B	04/22/15	1
sec-Butylbenzene	BDL	0.0010	mg/l	8260B	04/22/15	1
tert-Butylbenzene	BDL	0.0010	mg/l	8260B	04/22/15	1
Carbon tetrachloride	0.0035	0.0010	mg/l	8260B	04/22/15	1
Chlorobenzene	BDL	0.0010	mg/l	8260B	04/22/15	1
Chlorodibromomethane	BDL	0.0010	mg/l	8260B	04/22/15	1
Chloroethane	BDL	0.0050	mg/l	8260B	04/22/15	1
2-Chloroethyl vinyl ether	BDL	0.050	mg/l	8260B	04/22/15	1
Chloroform	BDL	0.0050	mg/l	8260B	04/22/15	1
Chloromethane	BDL	0.0025	mg/l	8260B	04/22/15	1
2-Chlorotoluene	BDL	0.0010	mg/l	8260B	04/22/15	1
4-Chlorotoluene	BDL	0.0010	mg/l	8260B	04/22/15	1
1,2-Dibromo-3-Chloropropane	BDL	0.0050	mg/l	8260B	04/22/15	1
1,2-Dibromoethane	BDL	0.0010	mg/l	8260B	04/22/15	1
Dibromomethane	BDL	0.0010	mg/l	8260B	04/22/15	1
1,2-Dichlorobenzene	BDL	0.0010	mg/l	8260B	04/22/15	1
1,3-Dichlorobenzene	BDL	0.0010	mg/l	8260B	04/22/15	1
1,4-Dichlorobenzene	BDL	0.0010	mg/l	8260B	04/22/15	1
Dichlorodifluoromethane	BDL	0.0050	mg/l	8260B	04/22/15	1
1,1-Dichloroethane	BDL	0.0010	mg/l	8260B	04/22/15	1
1,2-Dichloroethane	BDL	0.0010	mg/l	8260B	04/22/15	1
1,1-Dichloroethene	0.0057	0.0010	mg/l	8260B	04/22/15	1
cis-1,2-Dichloroethene	0.49	0.050	mg/l	8260B	04/24/15	50
trans-1,2-Dichloroethene	0.0069	0.0010	mg/l	8260B	04/22/15	1
1,2-Dichloropropane	0.011	0.0010	mg/l	8260B	04/22/15	1
1,1-Dichloropropene	BDL	0.0010	mg/l	8260B	04/22/15	1
1,3-Dichloropropane	BDL	0.0010	mg/l	8260B	04/22/15	1
cis-1,3-Dichloropropene	BDL	0.0010	mg/l	8260B	04/22/15	1
trans-1,3-Dichloropropene	BDL	0.0010	mg/l	8260B	04/22/15	1
2,2-Dichloropropane	BDL	0.0010	mg/l	8260B	04/22/15	1
Di-isopropyl ether	BDL	0.0010	mg/l	8260B	04/22/15	1
Ethylbenzene	BDL	0.0010	mg/l	8260B	04/22/15	1
Hexachloro-1,3-butadiene	BDL	0.0010	mg/l	8260B	04/22/15	1
Isopropylbenzene	BDL	0.0010	mg/l	8260B	04/22/15	1
p-Isopropyltoluene	BDL	0.0010	mg/l	8260B	04/22/15	1

BDL - Below Detection Limit  
 Det. Limit - Practical Quantitation Limit(PQL)



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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

April 29, 2015

Mr. Adam Flege  
 Apex Environmental Inc. - Cincinnati  
 155 Tri County Parkway Ste. 250  
 Cincinnati, OH 45246

Date Received : April 18, 2015  
 Description : Jamestown, NY  
 Sample ID : MW13-0417-15D  
 Collected By : Terrie L. Swanson  
 Collection Date : 04/17/15 14:23

ESC Sample # : L760290-04  
 Site ID : SOUTHSIDE PLAZA  
 Project # : 1200455

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
2-Butanone (MEK)	BDL	0.010	mg/l	8260B	04/22/15	1
Methylene Chloride	BDL	0.0050	mg/l	8260B	04/22/15	1
4-Methyl-2-pentanone (MIBK)	BDL	0.010	mg/l	8260B	04/22/15	1
Methyl tert-butyl ether	BDL	0.0010	mg/l	8260B	04/22/15	1
Naphthalene	BDL	0.0050	mg/l	8260B	04/22/15	1
n-Propylbenzene	BDL	0.0010	mg/l	8260B	04/22/15	1
Styrene	BDL	0.0010	mg/l	8260B	04/22/15	1
1,1,1,2-Tetrachloroethane	0.0062	0.0010	mg/l	8260B	04/22/15	1
1,1,2,2-Tetrachloroethane	BDL	0.0010	mg/l	8260B	04/22/15	1
1,1,2-Trichlorotrifluoroethane	BDL	0.0010	mg/l	8260B	04/22/15	1
Tetrachloroethene	30.	0.50	mg/l	8260B	04/25/15	500
Toluene	BDL	0.0050	mg/l	8260B	04/22/15	1
1,2,3-Trichlorobenzene	BDL	0.0010	mg/l	8260B	04/22/15	1
1,2,4-Trichlorobenzene	BDL	0.0010	mg/l	8260B	04/22/15	1
1,1,1-Trichloroethane	0.026	0.0010	mg/l	8260B	04/22/15	1
1,1,2-Trichloroethane	BDL	0.0010	mg/l	8260B	04/22/15	1
Trichloroethene	0.18	0.050	mg/l	8260B	04/24/15	50
Trichlorofluoromethane	BDL	0.0050	mg/l	8260B	04/22/15	1
1,2,3-Trichloropropane	BDL	0.0025	mg/l	8260B	04/22/15	1
1,2,4-Trimethylbenzene	BDL	0.0010	mg/l	8260B	04/22/15	1
1,2,3-Trimethylbenzene	BDL	0.0010	mg/l	8260B	04/22/15	1
1,3,5-Trimethylbenzene	BDL	0.0010	mg/l	8260B	04/22/15	1
Vinyl chloride	0.014	0.0010	mg/l	8260B	04/22/15	1
Xylenes, Total	BDL	0.0030	mg/l	8260B	04/22/15	1
Surrogate Recovery						
Toluene-d8	99.8		% Rec.	8260B	04/22/15	1
Dibromofluoromethane	101.		% Rec.	8260B	04/22/15	1
4-Bromofluorobenzene	123.		% Rec.	8260B	04/22/15	1

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Note:

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REPORT OF ANALYSIS

Mr. Adam Flege  
 Apex Environmental Inc. - Cincinnati  
 155 Tri County Parkway Ste. 250  
 Cincinnati, OH 45246

April 29, 2015

Date Received : April 18, 2015  
 Description : Jamestown, NY  
 Sample ID : EQUIPMENT BLANK  
 Collected By : Terrie L. Swanson  
 Collection Date : 04/17/15 14:35

ESC Sample # : L760290-05  
 Site ID : SOUTHSIDE PLAZA  
 Project # : 1200455

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Volatile Organics						
Acetone	BDL	0.050	mg/l	8260B	04/22/15	1
Acrolein	BDL	0.050	mg/l	8260B	04/22/15	1
Acrylonitrile	BDL	0.010	mg/l	8260B	04/22/15	1
Benzene	BDL	0.0010	mg/l	8260B	04/22/15	1
Bromobenzene	BDL	0.0010	mg/l	8260B	04/22/15	1
Bromodichloromethane	BDL	0.0010	mg/l	8260B	04/22/15	1
Bromoform	BDL	0.0010	mg/l	8260B	04/22/15	1
Bromomethane	BDL	0.0050	mg/l	8260B	04/22/15	1
n-Butylbenzene	BDL	0.0010	mg/l	8260B	04/22/15	1
sec-Butylbenzene	BDL	0.0010	mg/l	8260B	04/22/15	1
tert-Butylbenzene	BDL	0.0010	mg/l	8260B	04/22/15	1
Carbon tetrachloride	BDL	0.0010	mg/l	8260B	04/22/15	1
Chlorobenzene	BDL	0.0010	mg/l	8260B	04/22/15	1
Chlorodibromomethane	BDL	0.0010	mg/l	8260B	04/22/15	1
Chloroethane	BDL	0.0050	mg/l	8260B	04/22/15	1
2-Chloroethyl vinyl ether	BDL	0.050	mg/l	8260B	04/22/15	1
Chloroform	BDL	0.0050	mg/l	8260B	04/22/15	1
Chloromethane	BDL	0.0025	mg/l	8260B	04/22/15	1
2-Chlorotoluene	BDL	0.0010	mg/l	8260B	04/22/15	1
4-Chlorotoluene	BDL	0.0010	mg/l	8260B	04/22/15	1
1,2-Dibromo-3-Chloropropane	BDL	0.0050	mg/l	8260B	04/22/15	1
1,2-Dibromoethane	BDL	0.0010	mg/l	8260B	04/22/15	1
Dibromomethane	BDL	0.0010	mg/l	8260B	04/22/15	1
1,2-Dichlorobenzene	BDL	0.0010	mg/l	8260B	04/22/15	1
1,3-Dichlorobenzene	BDL	0.0010	mg/l	8260B	04/22/15	1
1,4-Dichlorobenzene	BDL	0.0010	mg/l	8260B	04/22/15	1
Dichlorodifluoromethane	BDL	0.0050	mg/l	8260B	04/22/15	1
1,1-Dichloroethane	BDL	0.0010	mg/l	8260B	04/22/15	1
1,2-Dichloroethane	BDL	0.0010	mg/l	8260B	04/22/15	1
1,1-Dichloroethene	BDL	0.0010	mg/l	8260B	04/22/15	1
cis-1,2-Dichloroethene	0.0011	0.0010	mg/l	8260B	04/22/15	1
trans-1,2-Dichloroethene	BDL	0.0010	mg/l	8260B	04/22/15	1
1,2-Dichloropropane	BDL	0.0010	mg/l	8260B	04/22/15	1
1,1-Dichloropropene	BDL	0.0010	mg/l	8260B	04/22/15	1
1,3-Dichloropropane	BDL	0.0010	mg/l	8260B	04/22/15	1
cis-1,3-Dichloropropene	BDL	0.0010	mg/l	8260B	04/22/15	1
trans-1,3-Dichloropropene	BDL	0.0010	mg/l	8260B	04/22/15	1
2,2-Dichloropropane	BDL	0.0010	mg/l	8260B	04/22/15	1
Di-isopropyl ether	BDL	0.0010	mg/l	8260B	04/22/15	1
Ethylbenzene	BDL	0.0010	mg/l	8260B	04/22/15	1
Hexachloro-1,3-butadiene	BDL	0.0010	mg/l	8260B	04/22/15	1
Isopropylbenzene	BDL	0.0010	mg/l	8260B	04/22/15	1
p-Isopropyltoluene	BDL	0.0010	mg/l	8260B	04/22/15	1

BDL - Below Detection Limit  
 Det. Limit - Practical Quantitation Limit(PQL)





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REPORT OF ANALYSIS

April 29, 2015

Mr. Adam Flege  
 Apex Environmental Inc. - Cincinnati  
 155 Tri County Parkway Ste. 250  
 Cincinnati, OH 45246

Date Received : April 18, 2015  
 Description : Jamestown, NY  
 Sample ID : EQUIPMENT BLANK  
 Collected By : Terrie L. Swanson  
 Collection Date : 04/17/15 14:35

ESC Sample # : L760290-05  
 Site ID : SOUTHSIDE PLAZA  
 Project # : 1200455

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
2-Butanone (MEK)	BDL	0.010	mg/l	8260B	04/22/15	1
Methylene Chloride	BDL	0.0050	mg/l	8260B	04/22/15	1
4-Methyl-2-pentanone (MIBK)	BDL	0.010	mg/l	8260B	04/22/15	1
Methyl tert-butyl ether	BDL	0.0010	mg/l	8260B	04/22/15	1
Naphthalene	BDL	0.0050	mg/l	8260B	04/22/15	1
n-Propylbenzene	BDL	0.0010	mg/l	8260B	04/22/15	1
Styrene	BDL	0.0010	mg/l	8260B	04/22/15	1
1,1,1,2-Tetrachloroethane	BDL	0.0010	mg/l	8260B	04/22/15	1
1,1,2,2-Tetrachloroethane	BDL	0.0010	mg/l	8260B	04/22/15	1
1,1,2-Trichlorotrifluoroethane	BDL	0.0010	mg/l	8260B	04/22/15	1
Tetrachloroethene	0.080	0.0010	mg/l	8260B	04/22/15	1
Toluene	BDL	0.0050	mg/l	8260B	04/22/15	1
1,2,3-Trichlorobenzene	BDL	0.0010	mg/l	8260B	04/22/15	1
1,2,4-Trichlorobenzene	BDL	0.0010	mg/l	8260B	04/22/15	1
1,1,1-Trichloroethane	BDL	0.0010	mg/l	8260B	04/22/15	1
1,1,2-Trichloroethane	BDL	0.0010	mg/l	8260B	04/22/15	1
Trichloroethene	BDL	0.0010	mg/l	8260B	04/22/15	1
Trichlorofluoromethane	BDL	0.0050	mg/l	8260B	04/22/15	1
1,2,3-Trichloropropane	BDL	0.0025	mg/l	8260B	04/22/15	1
1,2,4-Trimethylbenzene	BDL	0.0010	mg/l	8260B	04/22/15	1
1,2,3-Trimethylbenzene	BDL	0.0010	mg/l	8260B	04/22/15	1
1,3,5-Trimethylbenzene	BDL	0.0010	mg/l	8260B	04/22/15	1
Vinyl chloride	BDL	0.0010	mg/l	8260B	04/22/15	1
Xylenes, Total	BDL	0.0030	mg/l	8260B	04/22/15	1
Surrogate Recovery						
Toluene-d8	104.		% Rec.	8260B	04/22/15	1
Dibromofluoromethane	102.		% Rec.	8260B	04/22/15	1
4-Bromofluorobenzene	105.		% Rec.	8260B	04/22/15	1

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Note:

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Mr. Adam Flege  
 Apex Environmental Inc. - Cincinnati  
 155 Tri County Parkway Ste. 250  
 Cincinnati, OH 45246

April 29, 2015

Date Received : April 18, 2015  
 Description : Jamestown, NY  
 Sample ID : MW12-04-17-15  
 Collected By : Terrie L. Swanson  
 Collection Date : 04/17/15 15:19

ESC Sample # : L760290-06  
 Site ID : SOUTHSIDE PLAZA  
 Project # : 1200455

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Volatile Organics						
Acetone	BDL	0.050	mg/l	8260B	04/22/15	1
Acrolein	BDL	0.050	mg/l	8260B	04/22/15	1
Acrylonitrile	BDL	0.010	mg/l	8260B	04/22/15	1
Benzene	BDL	0.0010	mg/l	8260B	04/22/15	1
Bromobenzene	BDL	0.0010	mg/l	8260B	04/22/15	1
Bromodichloromethane	BDL	0.0010	mg/l	8260B	04/22/15	1
Bromoform	BDL	0.0010	mg/l	8260B	04/22/15	1
Bromomethane	BDL	0.0050	mg/l	8260B	04/22/15	1
n-Butylbenzene	BDL	0.0010	mg/l	8260B	04/22/15	1
sec-Butylbenzene	BDL	0.0010	mg/l	8260B	04/22/15	1
tert-Butylbenzene	BDL	0.0010	mg/l	8260B	04/22/15	1
Carbon tetrachloride	BDL	0.0010	mg/l	8260B	04/22/15	1
Chlorobenzene	BDL	0.0010	mg/l	8260B	04/22/15	1
Chlorodibromomethane	BDL	0.0010	mg/l	8260B	04/22/15	1
Chloroethane	BDL	0.0050	mg/l	8260B	04/22/15	1
2-Chloroethyl vinyl ether	BDL	0.050	mg/l	8260B	04/22/15	1
Chloroform	BDL	0.0050	mg/l	8260B	04/22/15	1
Chloromethane	BDL	0.0025	mg/l	8260B	04/22/15	1
2-Chlorotoluene	BDL	0.0010	mg/l	8260B	04/22/15	1
4-Chlorotoluene	BDL	0.0010	mg/l	8260B	04/22/15	1
1,2-Dibromo-3-Chloropropane	BDL	0.0050	mg/l	8260B	04/22/15	1
1,2-Dibromoethane	BDL	0.0010	mg/l	8260B	04/22/15	1
Dibromomethane	BDL	0.0010	mg/l	8260B	04/22/15	1
1,2-Dichlorobenzene	BDL	0.0010	mg/l	8260B	04/22/15	1
1,3-Dichlorobenzene	BDL	0.0010	mg/l	8260B	04/22/15	1
1,4-Dichlorobenzene	BDL	0.0010	mg/l	8260B	04/22/15	1
Dichlorodifluoromethane	BDL	0.0050	mg/l	8260B	04/22/15	1
1,1-Dichloroethane	BDL	0.0010	mg/l	8260B	04/22/15	1
1,2-Dichloroethane	BDL	0.0010	mg/l	8260B	04/22/15	1
1,1-Dichloroethene	BDL	0.0010	mg/l	8260B	04/22/15	1
cis-1,2-Dichloroethene	0.0017	0.0010	mg/l	8260B	04/22/15	1
trans-1,2-Dichloroethene	BDL	0.0010	mg/l	8260B	04/22/15	1
1,2-Dichloropropane	BDL	0.0010	mg/l	8260B	04/22/15	1
1,1-Dichloropropene	BDL	0.0010	mg/l	8260B	04/22/15	1
1,3-Dichloropropane	BDL	0.0010	mg/l	8260B	04/22/15	1
cis-1,3-Dichloropropene	BDL	0.0010	mg/l	8260B	04/22/15	1
trans-1,3-Dichloropropene	BDL	0.0010	mg/l	8260B	04/22/15	1
2,2-Dichloropropane	BDL	0.0010	mg/l	8260B	04/22/15	1
Di-isopropyl ether	BDL	0.0010	mg/l	8260B	04/22/15	1
Ethylbenzene	BDL	0.0010	mg/l	8260B	04/22/15	1
Hexachloro-1,3-butadiene	BDL	0.0010	mg/l	8260B	04/22/15	1
Isopropylbenzene	BDL	0.0010	mg/l	8260B	04/22/15	1
p-Isopropyltoluene	BDL	0.0010	mg/l	8260B	04/22/15	1

BDL - Below Detection Limit  
 Det. Limit - Practical Quantitation Limit(PQL)



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REPORT OF ANALYSIS

April 29, 2015

Mr. Adam Flege  
 Apex Environmental Inc. - Cincinnati  
 155 Tri County Parkway Ste. 250  
 Cincinnati, OH 45246

ESC Sample # : L760290-06

Date Received : April 18, 2015  
 Description : Jamestown, NY

Site ID : SOUTHSIDE PLAZA

Sample ID : MW12-04-17-15

Project # : 1200455

Collected By : Terrie L. Swanson  
 Collection Date : 04/17/15 15:19

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
2-Butanone (MEK)	BDL	0.010	mg/l	8260B	04/22/15	1
Methylene Chloride	BDL	0.0050	mg/l	8260B	04/22/15	1
4-Methyl-2-pentanone (MIBK)	BDL	0.010	mg/l	8260B	04/22/15	1
Methyl tert-butyl ether	BDL	0.0010	mg/l	8260B	04/22/15	1
Naphthalene	BDL	0.0050	mg/l	8260B	04/22/15	1
n-Propylbenzene	BDL	0.0010	mg/l	8260B	04/22/15	1
Styrene	BDL	0.0010	mg/l	8260B	04/22/15	1
1,1,1,2-Tetrachloroethane	BDL	0.0010	mg/l	8260B	04/22/15	1
1,1,2,2-Tetrachloroethane	BDL	0.0010	mg/l	8260B	04/22/15	1
1,1,2-Trichlorotrifluoroethane	BDL	0.0010	mg/l	8260B	04/22/15	1
Tetrachloroethene	4.2	0.025	mg/l	8260B	04/24/15	25
Toluene	BDL	0.0050	mg/l	8260B	04/22/15	1
1,2,3-Trichlorobenzene	BDL	0.0010	mg/l	8260B	04/22/15	1
1,2,4-Trichlorobenzene	BDL	0.0010	mg/l	8260B	04/22/15	1
1,1,1-Trichloroethane	0.0030	0.0010	mg/l	8260B	04/22/15	1
1,1,2-Trichloroethane	BDL	0.0010	mg/l	8260B	04/22/15	1
Trichloroethene	0.0068	0.0010	mg/l	8260B	04/22/15	1
Trichlorofluoromethane	BDL	0.0050	mg/l	8260B	04/22/15	1
1,2,3-Trichloropropane	BDL	0.0025	mg/l	8260B	04/22/15	1
1,2,4-Trimethylbenzene	BDL	0.0010	mg/l	8260B	04/22/15	1
1,2,3-Trimethylbenzene	BDL	0.0010	mg/l	8260B	04/22/15	1
1,3,5-Trimethylbenzene	BDL	0.0010	mg/l	8260B	04/22/15	1
Vinyl chloride	BDL	0.0010	mg/l	8260B	04/22/15	1
Xylenes, Total	BDL	0.0030	mg/l	8260B	04/22/15	1
Surrogate Recovery						
Toluene-d8	103.		% Rec.	8260B	04/22/15	1
Dibromofluoromethane	104.		% Rec.	8260B	04/22/15	1
4-Bromofluorobenzene	99.7		% Rec.	8260B	04/22/15	1

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Note:

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Attachment A  
List of Analytes with QC Qualifiers

Sample Number	Work Group	Sample Type	Analyte	Run ID	Qualifier
L760290-03	WG785387	SAMP	Hexachloro-1,3-butadiene	R3033744	J3
	WG785387	SAMP	2-Butanone (MEK)	R3033744	J3
	WG785387	SAMP	Naphthalene	R3033744	J3
	WG785387	SAMP	1,2,3-Trichlorobenzene	R3033744	J3
	WG785387	SAMP	1,2,4-Trichlorobenzene	R3033744	J3

Attachment B  
Explanation of QC Qualifier Codes

Qualifier	Meaning
J3	The associated batch QC was outside the established quality control range for precision.

Qualifier Report Information

ESC utilizes sample and result qualifiers as set forth by the EPA Contract Laboratory Program and as required by most certifying bodies including NELAC. In addition to the EPA qualifiers adopted by ESC, we have implemented ESC qualifiers to provide more information pertaining to our analytical results. Each qualifier is designated in the qualifier explanation as either EPA or ESC. Data qualifiers are intended to provide the ESC client with more detailed information concerning the potential bias of reported data. Because of the wide range of constituents and variety of matrices incorporated by most EPA methods, it is common for some compounds to fall outside of established ranges. These exceptions are evaluated and all reported data is valid and useable "unless qualified as 'R' (Rejected)."

Definitions

- Accuracy - The relationship of the observed value of a known sample to the true value of a known sample. Represented by percent recovery and relevant to samples such as: control samples, matrix spike recoveries, surrogate recoveries, etc.
- Precision - The agreement between a set of samples or between duplicate samples. Relates to how close together the results are and is represented by Relative Percent Difference.
- Surrogate - Organic compounds that are similar in chemical composition, extraction, and chromatography to analytes of interest. The surrogates are used to determine the probable response of the group of analytes that are chemically related to the surrogate compound. Surrogates are added to the sample and carried through all stages of preparation and analyses.
- TIC - Tentatively Identified Compound: Compounds detected in samples that are not target compounds, internal standards, system monitoring compounds, or surrogates.

# Apex Environmental Inc. - Cincinnati

155 Tri County Parkway Ste. 250  
Cincinnati, OH 45246

Billing Information:  
Mr. Adam Flege  
155 Tri County Parkway Ste. 250  
Cincinnati, OH 45246

Report to:  
Mr. Adam Flege

Email To: [aflege@apexcos.com](mailto:aflege@apexcos.com)

Project  
Description: **Jamestown, NY**

City/State  
Collected:

Phone: 513-771-3617  
Fax: 513-477-3723

Client Project #  
**1200455**

Lab Project #  
**APEXCOH-JAMESTOWN**

Collected by (print):  
**TEERRI L. SWANSON**

Site/Facility ID #  
**SOUTHSIDE PLAZA**

P.O. #

Collected by (signature):  
*[Signature]*

**Rush?** (Lab MUST Be Notified)  
 Same Day .....200%  
 Next Day .....100%  
 Two Day .....50%  
 Three Day .....25%

Date Results Needed

Immediately Packed on Ice N    Y   4  

Email?  No  Yes  
FAX?  No  Yes

No. of Cntrs

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs
MW14-04-17-15	G	GW	9.25'	4.17.15	1328	2
MW13-04-17-15	G	GW	7.5'	4.17.15	1422	2
TRIP BLANK	G	GW	NA	4.17.15	NA	1
MW13-04-17-15D	G	GW	7.5'	4.17.15	1423	2
REQUIP BLANK	G	OT	NA	4.17.15	1435	2
MW12-04-17-15	G	GW	7'	4.17.15	1519	2

TS; VOC screen 4ozClr-NoPres

V8260 40ml/NaHSO4/Syr/MeOH

V8260 40mlAmb-HCl

V8260 40mlAmb-HCl-BIK

Analysis / Container / Preservative

Chain of Custody Page 1 of 1



YOUR LAB OF CHOICE

12065 Lebanon Rd  
Mount Juliet, TN 37122  
Phone: 615-758-5858  
Phone: 800-767-5859  
Fax: 615-758-5859



L# **L766290**

T# **A087**

Acctnum: **APEXCOH**

Template: **T101771**

Prelogin: **P506591**

TSR: **044 - Leslie Newton**

PB: **49-15 MB**

Shipped Via: **FedEX Ground**

Rem./Contaminant	Sample # (lab only)
	-01
	02
	03
	04
	05
	06

\* Matrix: SS - Soil GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other D<sub>1</sub> H<sub>2</sub>O

Remarks:

**6361 0186 3871**

pH \_\_\_\_\_ Temp \_\_\_\_\_

Flow \_\_\_\_\_ Other \_\_\_\_\_

Hold #

Relinquished by: (Signature) *[Signature]*

Date: **4.17.15** Time: **1630 hrs**

Received by: (Signature) *[Signature]*

Samples returned via:  UPS  
 FedEx  Courier  \_\_\_\_\_

Condition: (lab use only)

Relinquished by: (Signature)

Date: \_\_\_\_\_ Time: \_\_\_\_\_

Received by: (Signature)

Temp: \_\_\_\_\_ °C Bottles Received: **11**

COC Seal Intact:   1   Y    N    NA

Relinquished by: (Signature)

Date: \_\_\_\_\_ Time: \_\_\_\_\_

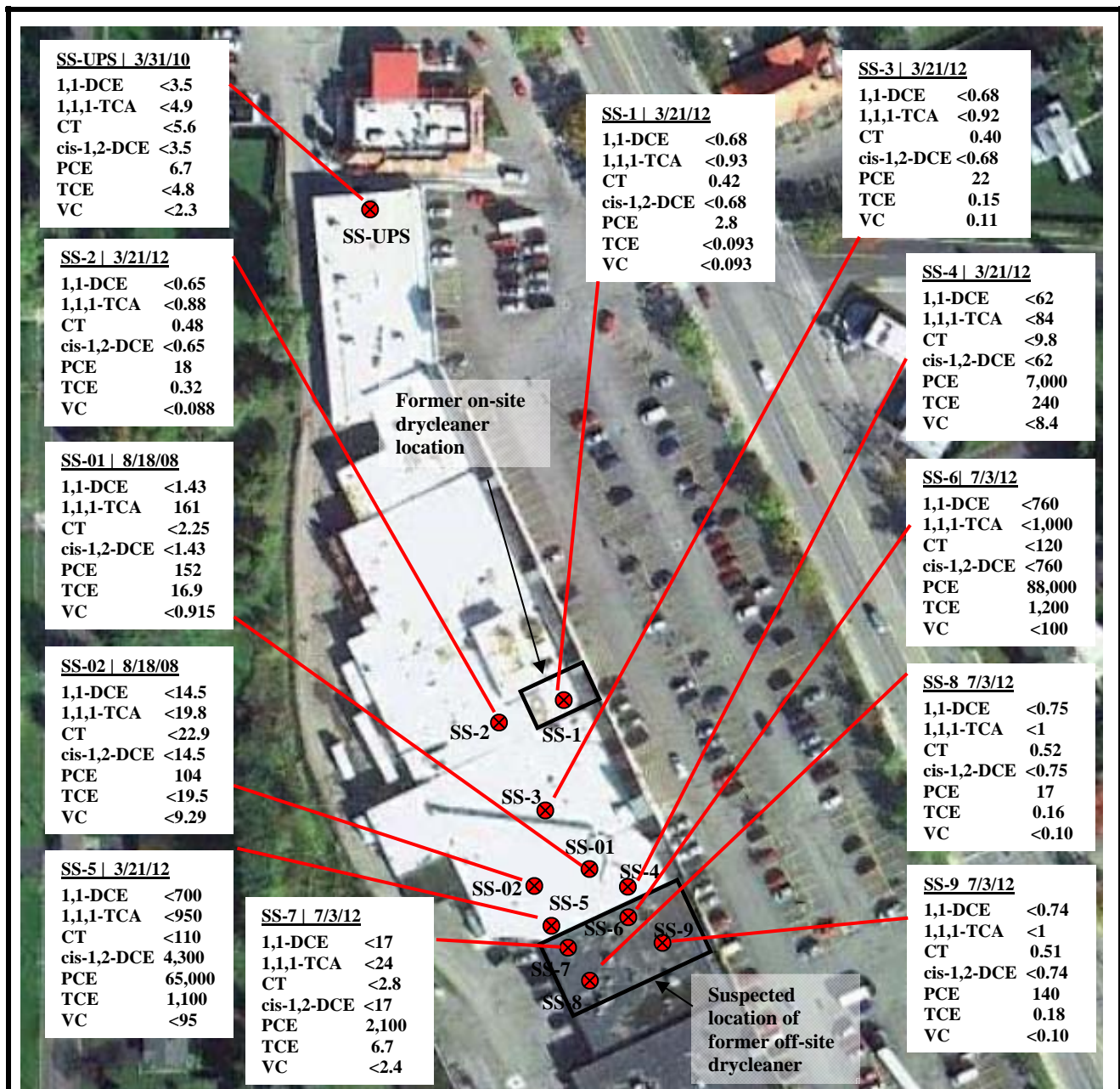
Received for lab by: (Signature) *[Signature]*

Date: **4/18/15** Time: **09100**

pH Checked: \_\_\_\_\_ NCF: \_\_\_\_\_

# **ATTACHMENT E**

**Previously Collected Sub-Slab Vapor Data**



**Legend**

⊗ = Sub-Slab Vapor Sample Location



<b>SS-1   3/21/12</b>	
1,1-DCE	<0.68
1,1,1-TCA	<0.93
CT	0.42
cis-1,2-DCE	<0.68
PCE	2.8
TCE	<0.093
VC	<0.093

- ← Sub-Slab Vapor Sample and Date Sampled
- ← 1,1-dichloroethene in ug/m<sup>3</sup>
- ← 1,1,1-trichloroethane in ug/m<sup>3</sup>
- ← carbon tetrachloride in ug/m<sup>3</sup>
- ← cis-1,2-dichloroethene in ug/m<sup>3</sup>
- ← tetrachloroethene in ug/m<sup>3</sup>
- ← trichloroethene in ug/m<sup>3</sup>
- ← vinyl chloride in ug/m<sup>3</sup>



155 Tri-County Parkway, Suite 250, Cincinnati, Ohio 45246

**Southside Plaza**  
704-744 Foote Avenue  
Jamestown, NY 14701

Sub-Slab Vapor Sample  
Analytical Results



## Sub-Slab Vapor Analytical Results

Southside Plaza  
704-744 Foote Avenue  
Jamestown, New York

Sample Type	Sub-Slab Vapor								
	Southside Plaza					Southside Foote Avenue Plaza Property			
Sample Date	3/21/2012	3/21/2012	3/21/2012	3/21/2012	3/21/2012	7/3/2012	7/3/2012	7/3/2012	7/3/2012
Analyte Concentration ( $\mu\text{g}/\text{m}^3$ )	SS-1	SS-2	SS-3	SS-4	SS-5	SS-6	SS-7	SS-8	SS-9
1,1-dichloroethene	<0.68	<0.65	<0.68	<62	<700	<760	<17	<0.75	<0.74
1,1,1-Trichloroethane	<0.93	<0.88	<0.92	<84	<950	<1000	<24	<1	<1
carbon tetrachloride	<b>0.42</b>	<b>0.48</b>	<b>0.40</b>	<9.8	<110	<120	<2.8	<b>0.52</b>	<b>0.51</b>
cis-1,2-dichloroethene	<0.68	<0.65	<0.68	<62	<b>4,300</b>	<760	<17	<0.75	<0.74
tetrachloroethylene	<b>2.8</b>	<b>18</b>	<b>22</b>	<b>7,000</b>	<b>65,000</b>	<b>88,000</b>	<b>2,100</b>	<b>17</b>	<b>140</b>
trichloroethylene	<0.093	<b>0.32</b>	<b>0.15</b>	<b>240</b>	<b>1,100</b>	<b>1,200</b>	<b>6.7</b>	<b>0.16</b>	<b>0.18</b>
vinyl chloride	<0.093	<0.088	<b>0.11</b>	<8.4	<95	<100	<2.4	<0.10	<0.10

**Notes :**

Bold/Italics - Result detected above laboratory detection limits.