ALL —

Lippes Mathias Wexler Friedman LLP

Richard M. Scherer, Jr.
Associate
rscherer@lippes.com

July 26, 2012

Via Regular Mail
Anthony Lopes
Project Manager
New York State Department of Environmental Conservation
270 Michigan Avenue
Buffalo, NY 14203-2999

RE: 704-744 Foote Avenue, Jamestown, New York (the "Site")

Dear Mr. Doster:

While Southside Station Inc.'s ("Southside Station") Brownfield Cleanup Program applications remains pending with the DEC, we are writing to inform you that Southside Station has recently completed sub-slab vapor sampling at 748-780 Foote Avenue, the property adjoining the Site. In this regard, enclosed please find a report showing the results of this testing. As you will see, this sampling has confirmed that the origin of the dry cleaning solvents in the groundwater is the former offsite drycleaner.

If you have any questions or concerns please do not hesitate to contact me. Thank you.

Very truly yours,

LIPPES MATHIAS WEXLER FRIEDMAN LLP

By: Richard M. Scherer, Jr.

Richard M. Scherer, Jr.

Enc.

July 25, 2012

Mr. John Bear
Southside Station, Inc.
11501 Northlake Drive
Cincinnati, OH 45249

Re: Southside Plaza
Offsite Sub-Slab Vapor Assessment at Southside Foote Avenue Plaza
748-780 Foote Avenue
Jamestown, New York 14701

Dear Mr. Bear:

Apex Companies, LLC (Apex) is pleased to provide Southside Station, Inc. (SSI) with the results of sub-slab vapor sampling at the adjoining offsite Southside Foote Avenue Plaza (SFAP) property in Jamestown, NY. Sub-slab vapor sampling on this adjoining property was conducted to determine whether the source area of the suspected drycleaning chemical release impacting Southside Plaza is beneath the former offsite drycleaning tenant space on the SFAP property. Sub-slab vapor sampling was conducted in accordance with the New York State Department of Health (NYSDOH) Guidance for Evaluating Soil Vapor Intrusion in the State of New York, October 2006.

BACKGROUND

The SFAP property (748 to 780 Foote Avenue) adjoins the SSI property (704 to 744 Foote Avenue) to the south, both making up a continuous commercial strip mall known as Southside Plaza at 704-780 Foote Avenue in Jamestown, New York (Figure 1 and Figure 2). Previous Phase 1 Assessments completed by others identified two former drycleaners in Southside Plaza, one on the SSI property now incorporated into a Tops Market, and the other on the SFAP property, now occupied by either a Salon 1 nail salon or a US Postal Service office. Subsurface soil gas, sub-slab vapor, and groundwater sampling in August 2008 identified drycleaning solvents, specifically tetrachloroethene (PCE) and trichloroethene (TCE), in subsurface soil-gas, sub-slab vapor samples, and PCE in groundwater beneath the SSI property. Results from a March 2010 investigation on the SSI property identified PCE, TCE, and vinyl chloride (VC) in groundwater at concentrations above applicable groundwater standards. Indoor air and soil-gas samples detected 1,1,1-trichloroethane (1,1,1-TCA), cis-1,2-dichloroethene (cis-1,2-DCE), PCE, and TCE above laboratory detection limits. An additional investigation in December 2011 on the

SFAP property identified PCE in groundwater samples collected from monitoring wells installed at the front and rear of the former offsite drycleaner at concentrations above the corresponding groundwater standard.

Apex performed an additional investigation in April 2012 to better define the source area of the drycleaning solvents identified in previous investigations. This investigation included collection of sub-slab vapor samples from five sample locations on the SSI property. Results indicated that drycleaning solvents were detected at their highest concentrations along the southern boundary of the SSI property which adjoins the SFAP property, suggesting an offsite source of drycleaning solvents. Thus, Apex requested permission to collect sub-slab vapor samples from the SFAP property. This report documents the sub-slab vapor sampling on the off-site SFAP property. Historical soil-gas, sub-slab vapor, and indoor air sample analytical results are presented in Table 1. Sub-slab vapor sample analytical results from the April 2012 investigation along with the results from this off-site sub-slab vapor assessment are presented in Table 2.

SUB-SLAB VAPOR ASSESSMENT

On July 3, 2012, Mr. Eric Wysong, a geologist from Apex, was onsite to conduct sub-slab vapor sampling at the SFAP property. Two sub-slab vapor probes were installed in the US Postal Service tenant space and an additional two sub-slab vapor probes were installed in the Salon 1 tenant space. The Salon 1 tenant space is located immediately adjacent to the southern property boundary of the SSI property and the US Postal Service is immediately south of Salon 1. The locations of these vapor probes, labeled SS-6 through SS-9 are shown with respect to the historical sub-slab vapor probe, indoor air, and soil-gas sample locations in Figure 2 and Figure 3.

Sub-Slab Vapor Probe Installation

The sub-slab vapor probes were installed by drilling a 1 1/2-inch diameter hole approximately 1.75-inches into the concrete floor. Next, a 5/8-inch diameter hole was drilled in the center of the first hole through the concrete slab and up to approximately two inches into the gravel-aggregate layer underlying the concrete slab. A brass vapor probe was inserted and sealed into the 5/8-inch diameter hole through the concrete slab using a self-sealing silicone sleeve. An approximately 3 to 4-foot section of 1/4” OD fluorinated ethylene propylene (FEP) air tubing was attached to the probe and connected to a photoionization detector (PID) equipped with a low-flow air pump. Air in the sample point was purged through the probe while PID detections were recorded.

During the purging of the sample points, purged air was transferred directly through the PID and into a one-liter tedlar bag to confirm volumes purged. The integrity of the vapor probe seal was tested using helium as a tracer gas by introducing the helium into a shroud over the sample

point during purging. The tedlar bag containing the purged air from the sample point was tested with a helium detector for the presence of helium as an indication of leaks. No helium was detected in tedlar bags from any of the sample locations, indicating that there was no surface air leaking into the samples through the sealed sample point penetration. Additionally, all sample points, tubing, and fittings were tested for tightness using a shut-in test, which consists of applying a vacuum of 25 inches mercury (Hg) to all sample tubing connections and fittings from the sample probe through to the sampling canister. The vacuum gauge was observed for a period of at least one minute for any vacuum loss. If any loss was noted, the fittings were tightened and/or reconnected as needed.

Sub-Slab Vapor Sampling

Following a purging of a minimum of three (3) tubing and sample probe volumes and leak testing at all sample locations, representative samples of sub-slab vapor were collected for approximately 1.5 hours using batch-certified clean Summa® canisters equipped with appropriate flow controllers. Samples were considered representative when pressure within the Summa® canister dropped from an initial reading of approximately 30 inches Hg to less than 10 inches Hg. The Summa® canisters were shipped to Columbia Analytical Services, part of ALS Group, in Rochester, NY for analysis of volatile organic compounds (VOCs) using USEPA Method TO-15. The sub-slab sample probes were left in place and covered with a plastic cap after the sampling was conducted.

Sub-Slab Vapor Results

Sub-slab vapor sample analytical results are presented on Table 2 and are compared with NYSDOH Soil Vapor/Indoor Air Matrix 1 and Matrix 2 Guidance Action Concentration decision matrices. Sub-slab vapor sample analytical results are also shown on Figure 4. Laboratory analytical results and chain-of-custody documentation for the sub-slab vapor samples are provided in Attachment A.

CONCLUSIONS

Based on the results of this off-site sub-slab vapor assessment at the two northern-most tenant spaces of the SFAP property, Apex concludes the following:

- 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 SSI 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.

- Concentrations of cis-1,2-DCE, PCE, and TCE were either below laboratory detection limits or below corresponding NYSDOH NFA Guidance Action concentrations in sub-slab vapor samples collected during the April 2012 investigation from sub-slab vapor probes SS-1 and SS-2 installed in and around the historical footprint of the former onsite drycleaner located within the Tops Market on the SSI property, and from SS-3 installed in the center of the Tops Market. These results suggest that the source of impact from drycleaning chemicals at the Site is not the former onsite drycleaner that was located on the SSI property.

- The concentration of PCE from the August 2008 soil-gas sample SV-01, collected immediately downgradient from the former offsite drycleaner, is above the corresponding NYSDOH Mitigate Guidance Action concentration. Based on the proximity of this soil-gas sample to the former offsite drycleaner location, Apex suggests that the likely source for PCE in soil-gas at SV-01 originated from the former offsite drycleaner.

- The distribution of PCE in groundwater and the inferred concentration contours, based on the apparent direction of groundwater flow to the north/northeast (see Figure 5), suggests that the origin of the PCE in groundwater is the former offsite drycleaner.

Based on the distribution of drycleaning related compounds in sub-slab vapor samples, soil-gas samples, and groundwater samples collected from the Southside Plaza property, it appears that concentrations of these compounds, specifically PCE and its breakdown products, TCE and cis-1,2-DCE, are concentrated around and originated from the former offsite drycleaner. As such, Apex concludes that the likely source of the drycleaning chemical release is from the former offsite drycleaner, previously located in the current nail salon or post office tenant space on the SFAP property and not from the former onsite drycleaner previously located in the northern portion of the Tops Market tenant space on the SSI property.

REPORT LIMITATIONS

The findings presented in this report are not specific certainties; rather they are probabilities based upon professional judgment, analytical results and risk-based guidance values published by the NYSDOH and NYSDEC. Apex is not able to represent that the Site presents no environmental conditions other than those described during this investigation.

Implementation or use of the findings in this report does not assure the elimination of present or future liability or the fulfillment of the property owner's obligations under local, state or Federal

laws. This report is prepared for the benefit of Southside Station, Inc. and may not be relied upon by any other person or entity. The findings set forth in this report are limited in time and scope to the circumstances at the time of the field investigation.

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

Sincerely,
Apex Companies, LLC.

Jeff Lower, P.E.
Project Manager

Adam Flege, P.G.
Senior Geologist

Attachments - Tables
Figures
Attachments

TABLES

Table 1
Historical Soil-Gas, Sub-Slab Vapor, and Indoor Air Analytical Results

Southside Plaza
704-780 Foote Avenue
Jamestown, New York

Sample Type	Southside Station, Inc. Property								NYSDOH Guidance Action* (µg/m3)		
	Soil-Gas		Sub-Slab Vapor			Indoor Air					
Sample Date	8/18/2008	8/18/2008	8/18/2008	8/18/2008	3/31/2010	3/31/2010	3/31/2010	3/31/2010			
Analyte Concentration ($\mu g/m^3$)	SV-01	SV-02	SS-01	SS-02	SS-UPS	IA-QM1	IA-QM2	IA-UPS	NFA**	Monitor	Mitigate
1,1-dichloroethene	<7.42	<1.48	<1.43	<14.5	<3.5	<93	<4.1	<760	< 100	100 to < 1,000	≥ 1,000
1,1,1-trichloroethane	<10.2	<2.03	***161***	< 19.8	<4.9	<130	<5.7	***630***	< 100	100 to < 1,000	≥ 1,000
carbon tetrachloride	<11.7	<2.34	< 2.25	< 22.9	<5.6	<150	<6.5	<1,200	< 50	50 to < 250	≥ 250
cis-1,2-dichloroethene	***137***	<1.48	<1.43	<14.5	<3.5	<93	<4.1	<760	< 100	100 to < 1,000	≥ 1,000
tetrachloroethylene	**1,310**	34.5	***152***	***104***	6.7	<160	<7	<1,300	< 100	100 to < 1,000	≥ 1,000
trichloroethylene	***224***	7.65	16.9	<19.5	<4.8	<130	<5.6	<1,000	< 50	50 to < 250	≥ 250
vinyl chloride	<4.76	<0.952	<0.915	<9.29	<2.3	<60	<2.7	<490	< 50	50 to < 250	≥ 250

Notes :
Bold/Italics - Result detected above NYSDOH Monitor Guidance Action Concentrations.
Bold/Underlined - Result detected above NYSDOH Mitigate Guidance Action Concentrations.
* New York State Department of Health Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York, October 2006 and June 25, 2007.
** NFA = No Further Action

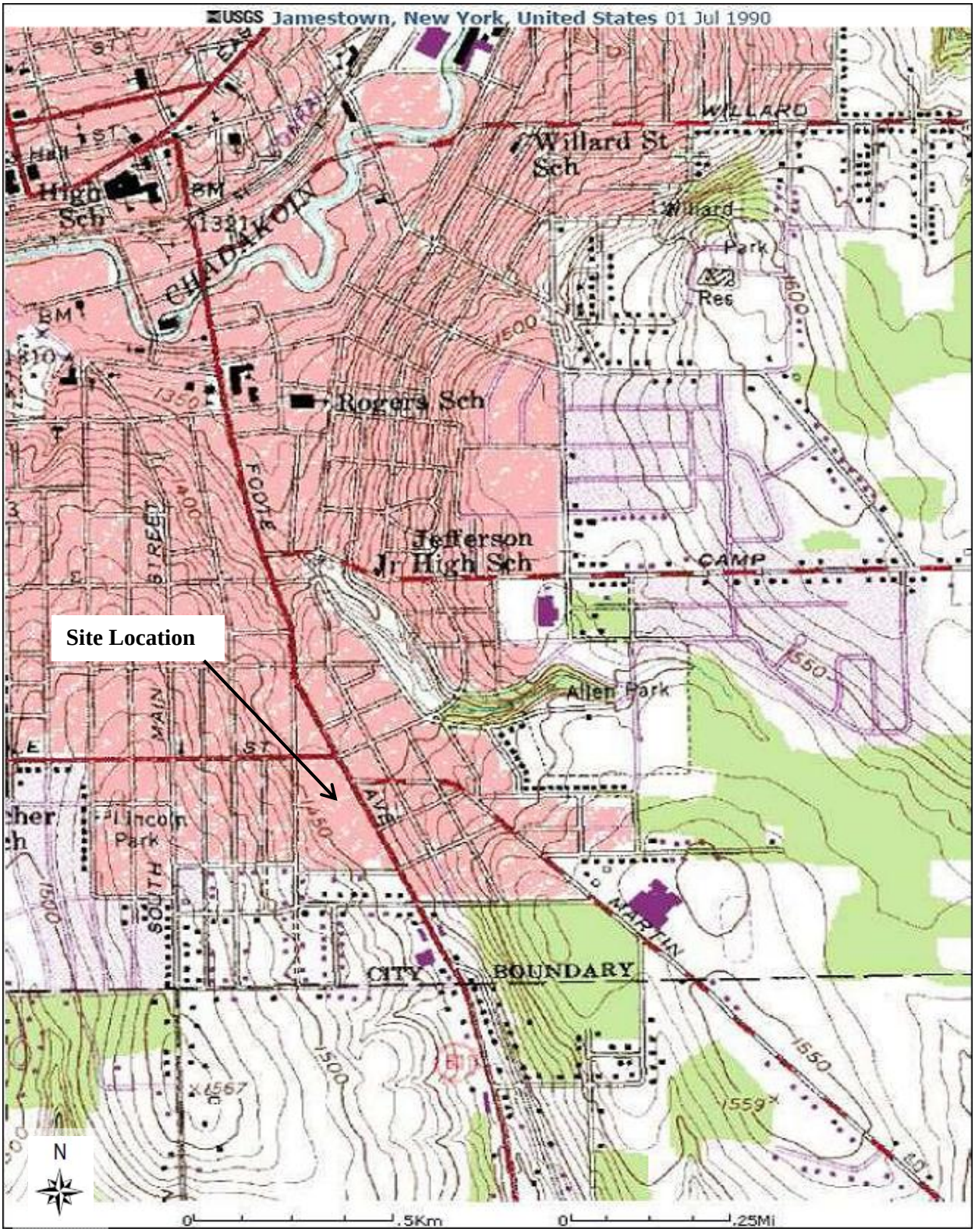
Table 2
Sub-Slab Vapor Analytical Results

Southside Plaza
704-780 Foote Avenue
Jamestown, New York

Sample Type	Sub-Slab Vapor									NYSDOH Guidance Action* (µg/m^3)		
	Southside Station Inc. Property					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 (µg/m^3)	**SS-1**	**SS-2**	**SS-3**	**SS-4**	**SS-5**	**SS-6**	**SS-7**	**SS-8**	**SS-9**	**NFA****	**Monitor**	**Mitigate**
1,1-dichloroethene	<0.68	<0.65	<0.68	<62	<700	<760	<17	<0.75	<0.74	< 100	100 to < 1,000	≥ 1,000
1,1,1-Trichloroethane	<0.93	<0.88	<0.92	<84	<950	<1000	<24	<1	<1	< 100	100 to < 1,000	≥ 1,000
carbon tetrachloride	0.42	0.48	0.40	<9.8	<110	<120	<2.8	0.52	0.51	< 50	50 to < 250	≥ 250
cis-1,2-dichloroethene	<0.68	<0.65	<0.68	<62	**4,300**	<760	<17	<0.75	<0.74	< 100	100 to < 1,000	≥ 1,000
tetrachloroethylene	2.8	18	22	**7,000**	**65,000**	**88,000**	**2,100**	17	***140***	< 100	100 to < 1,000	≥ 1,000
trichloroethylene	<0.093	0.32	0.15	***240***	**1,100**	**1,200**	6.7	0.16	0.18	< 50	50 to < 250	≥ 250
vinyl chloride	<0.093	<0.088	0.11	<8.4	<95	<100	<2.4	<0.10	<0.10	< 50	50 to < 250	≥ 250

Notes :
Bold/Italics - Result detected above NYSDOH Monitor Guidance Action Concentrations
Bold/Underlined - Result detected above NYSDOH Mitigate Guidance Action Concentrations
* New York State Department of Health Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York, October 2006 and June 25, 2007.
** NFA = No Further Action

FIGURES

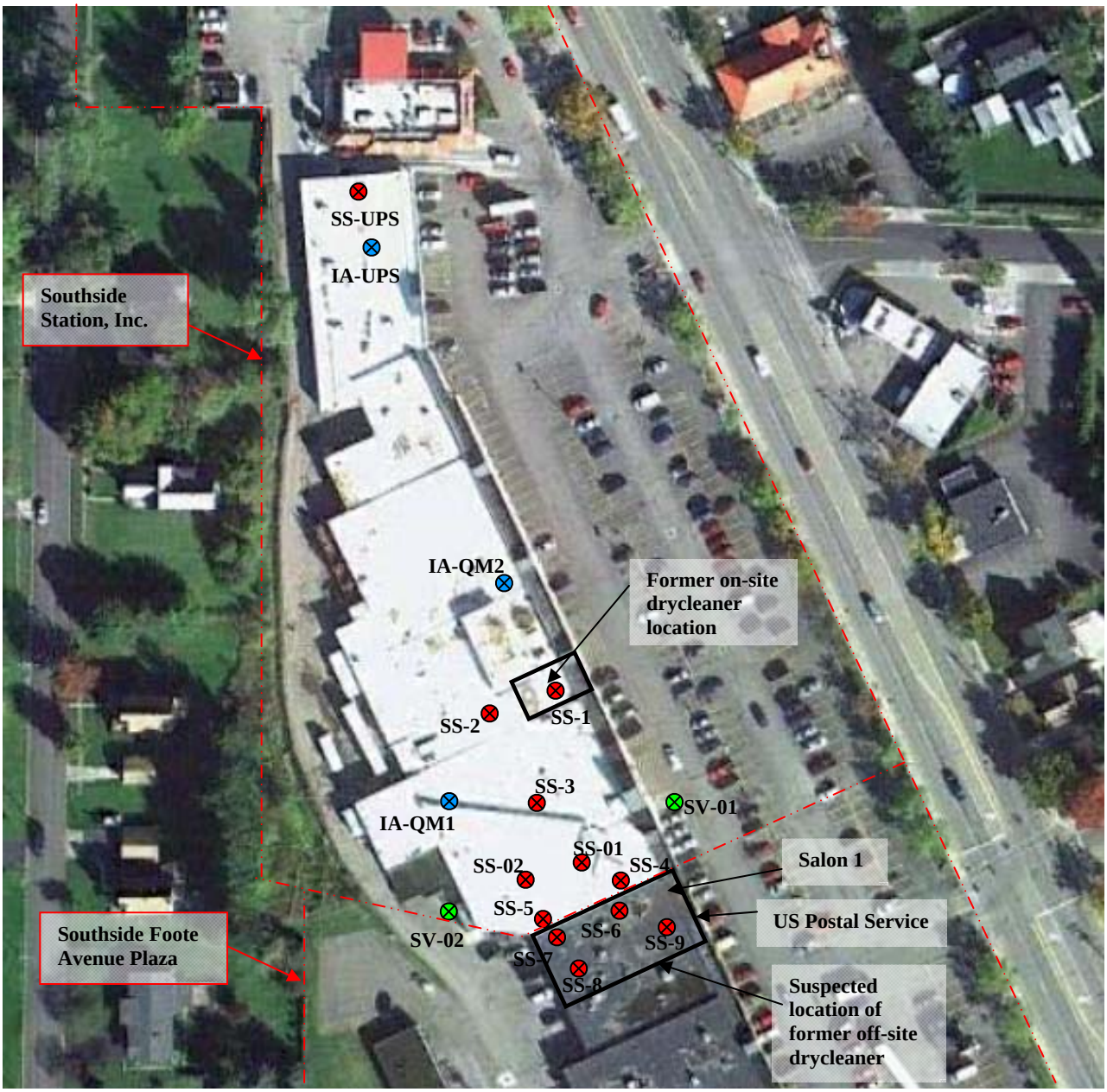


APEX

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

Southside Plaza
704-780 Foote Avenue
Jamestown, NY 14701

Figure 1: Site Location Map



Legend

= Sub-Slab Vapor Sample Location

= Soil Gas Sample Location

= Indoor Air Sample Location

= Approximate Property Boundary

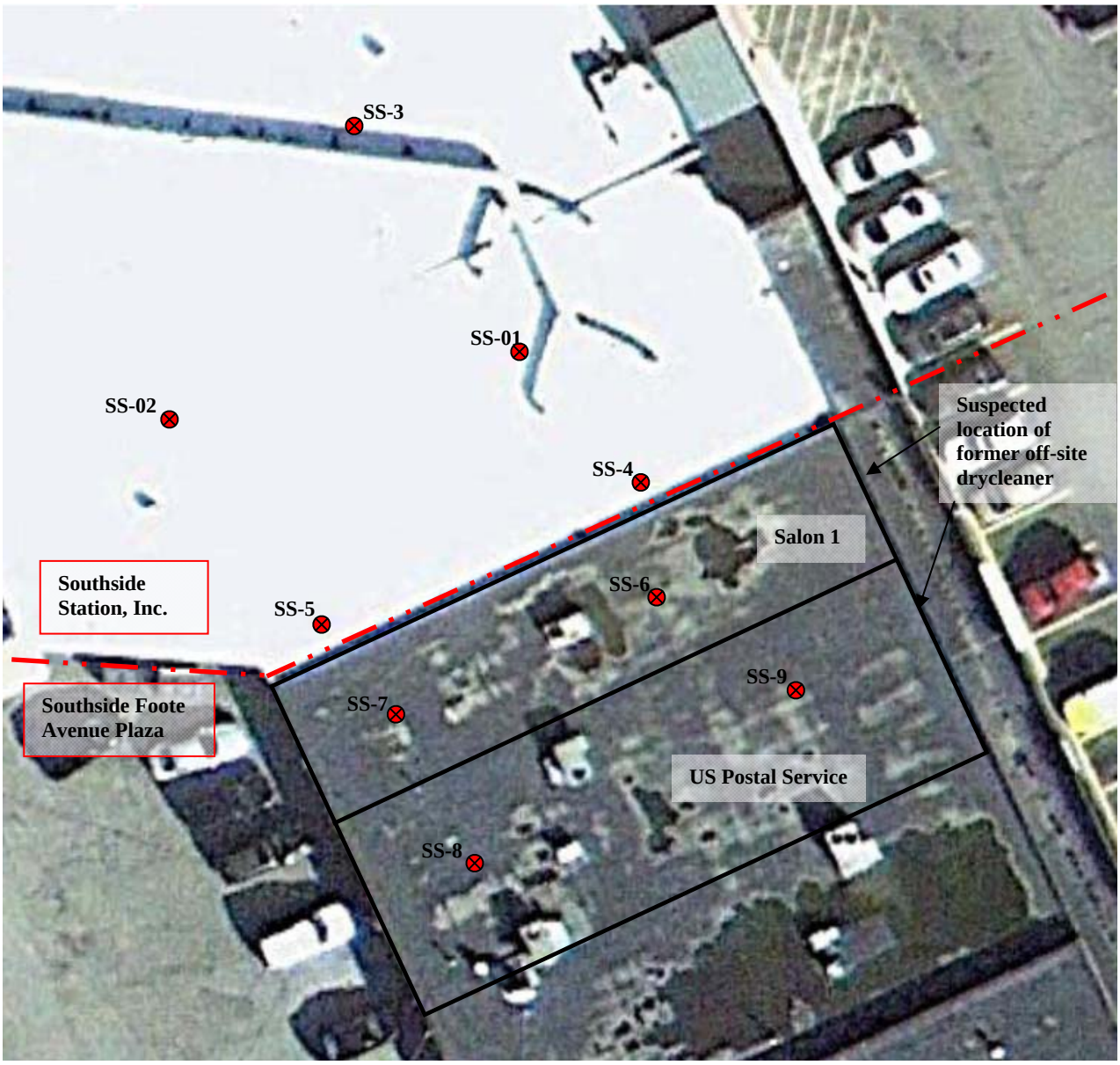
N

APEX

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

Southside Plaza
704-780 Foote Avenue
Jamestown, NY 14701

Figure 2: Indoor Air, Soil-Gas and Sub-Slab Vapor Sampling Locations



Legend

⊗ = Sub-Slab Vapor Sample Location

= Approximate Property Boundary

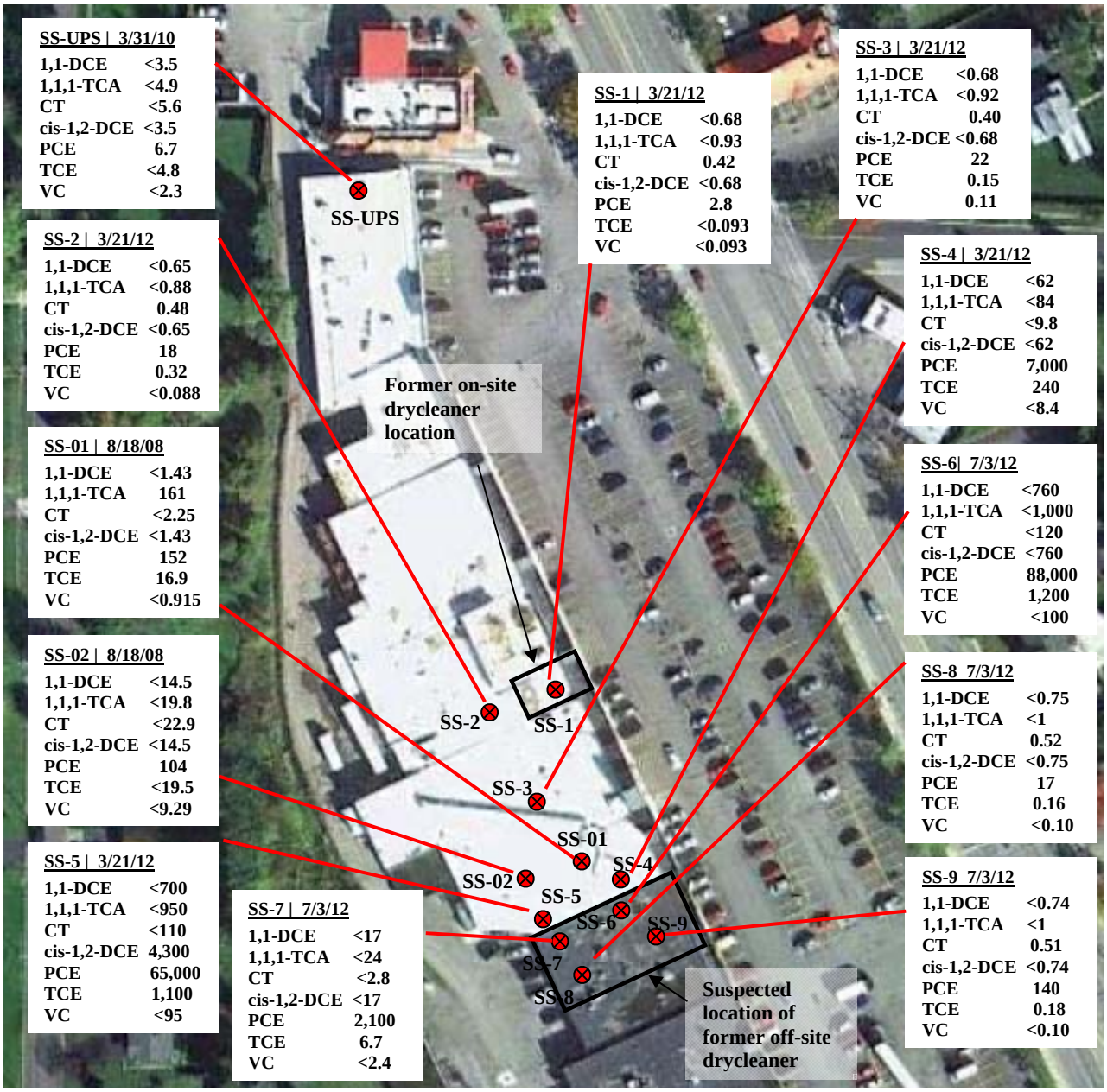
N

APEX

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

Southside Plaza
704-780 Foote Avenue
Jamestown, NY 14701

Figure 3: Sub-Slab Vapor Sampling Locations



Legend

⊗ = Sub-Slab Vapor Sample Location

SS-1 | 3/21/12 ← Sub-Slab Vapor Sample and Date Sampled

1,1-DCE	<0.68 ← 1,1-dichloroethene in ug/m^3
1,1,1-TCA	<0.93 ← 1,1,1-trichloroethane in ug/m^3
CT	0.42 ← carbon tetrachloride in ug/m^3
cis-1,2-DCE	<0.68 ← cis-1,2-dichloroethene in ug/m^3
PCE	2.8 ← tetrachloroethene in ug/m^3
TCE	<0.093 ← trichloroethene in ug/m^3
VC	<0.093 ← vinyl chloride in ug/m^3

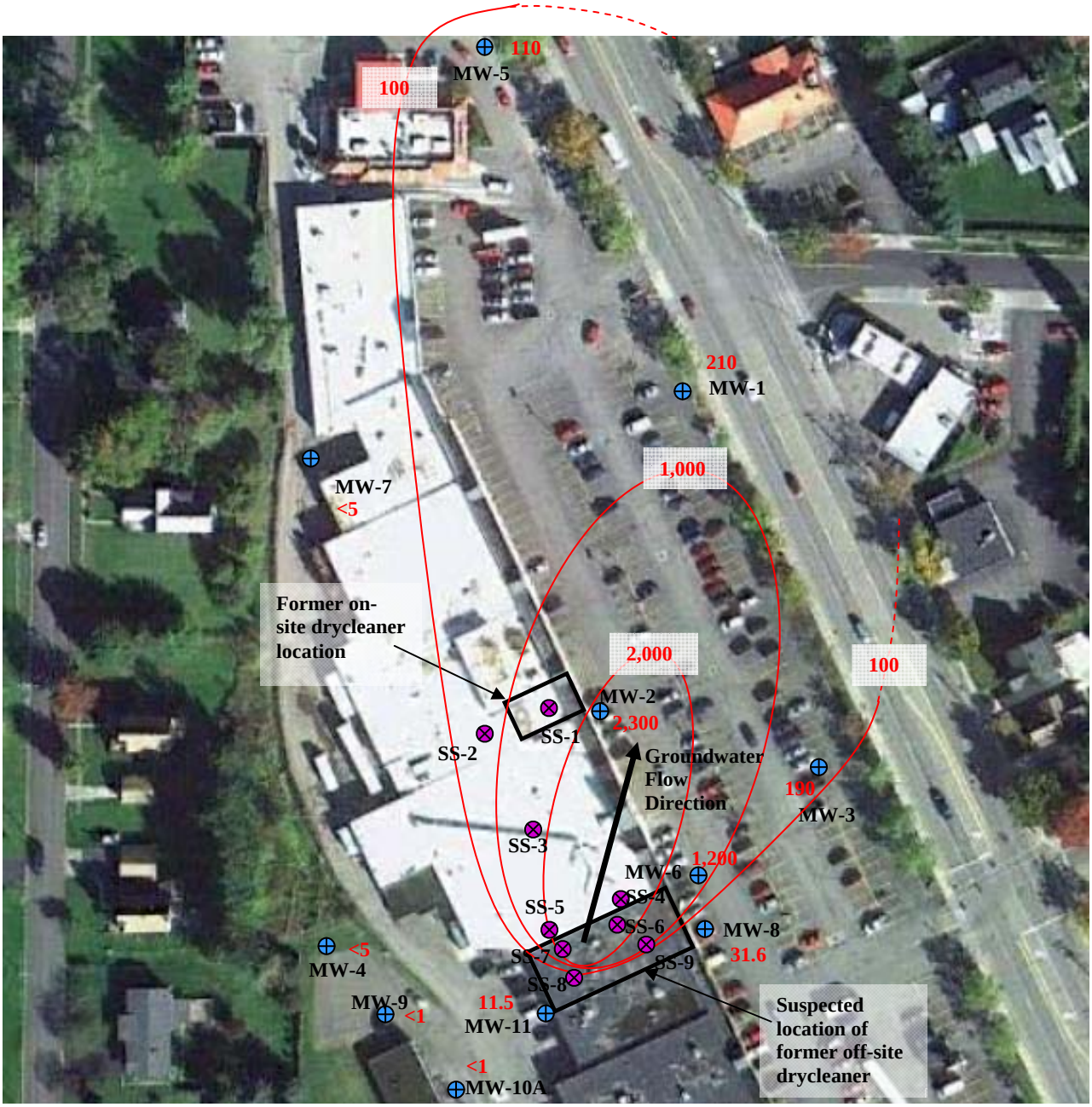
N

APEX

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

Southside Plaza
704-780 Foote Avenue
Jamestown, NY 14701

Figure 4: Sub-Slab Vapor Sample Analytical Results



Legend

⊕ <5 = Monitoring Well Location with corresponding PCE concentration in ug/L

100 = PCE Concentration Contours in ug/L

⊗ = Sub-Slab Vapor Sample Location

N

APEX

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

Southside Plaza
704-780 Foote Avenue
Jamestown, NY 14701

Figure 5: PCE Groundwater Contour Map

ATTACHMENT A

Sub-Slab Vapor Sample Laboratory Analytical Report and Chain-of-Custody Documentation

July 18, 2012 Service Request No: R1204321

Mr. Adam Flege
Apex Companies, LLC
155 Tri County Parkway, Suite 250
Cincinnati, OH 45246

Laboratory Results for: Southside - Offsite Sub Slab sampling/32485

Dear Mr. Flege:

Enclosed are the results of the sample(s) submitted to our laboratory on July 6, 2012. For your reference, these analyses have been assigned our service request number **R1204321**.

All analyses were performed according to our laboratory's quality assurance program. The test results meet requirements of the NELAP standards except as noted in the case narrative report. All results are intended to be considered in their entirety, and Columbia Analytical Services, Inc. dba ALS Environmental (ALS) is not responsible for use of less than the complete report. Results apply only to the items submitted to the laboratory for analysis and individual items (samples) analyzed, as listed in the report. The measurement uncertainty of the results included in this report is within that expected when using the prescribed method(s) for analysis of these samples, and represented by Laboratory Control Sample control limits. Any events, such as QC failures, which may add to the uncertainty are explained in the report narrative.

Please contact me if you have any questions. My extension is 7472. You may also contact me via email at Janice.Jaeger@alsglobal.com.

Respectfully submitted,

Columbia Analytical Services, Inc. dba ALS Environmental

Janice Jaeger
Client Services Manager

Columbia Analytical Services
ADDRESS 1565 Jefferson Rd, Building 300, Suite 360, Rochester, NY 14623
PHONE 585-288-5380 | FAX 585-288-8475
Columbia Analytical Services, Inc.
Part of the ALS Group A Campbell Brothers Limited Company
www.caslab.com • www.alsglobal.com

Client:	Apex Companies	**Service Request No.:**	R1204321
Project:	Southside – Offsite Sub Slab	**Project No.:**	
Sample Matrix:	Air	**Date Received:**	07/06/12

CASE NARRATIVE

All analyses were performed consistent with the quality assurance program of Columbia Analytical Services, Inc. This report contains analytical results for samples designated for Tier II deliverables. When appropriate to the method, method blank and LCS results have been reported with each analytical test.

Sample Receipt

Apex air samples were collected on 07/03/12 and received at CAS in good condition as noted on the cooler receipt and preservation check form. The samples were stored at room temperature upon receipt at the laboratory. See the last page of the Case Narrative for a cross-reference between Client ID and CAS Job #.

Volatile Organics - TO-15 Analysis

Four air samples were analyzed for a site list of Volatile Organics by EPA method TO-15.

All samples were analyzed at appropriate dilutions based on prescreening of the samples to bring the target analytes within the calibration range of the method. Tetrachloroethene for SS-09-070312 has been flagged with an "E" as being outside the calibration range of the instrument. The sample was repeated at a dilution and both sets of data have been reported out.

All the initial and continuing calibration criteria were met for all analytes.

All Laboratory Control Sample (LCS) recoveries were acceptable.

All Surrogate Standard Recoveries were within acceptance limits.

Site specific QC was not requested on these samples.

The Method Blanks associated with these samples were free of contamination.

No other analytical or QC issues were encountered.

CASE NARRATIVE

This report contains analytical results for the following samples:
Service Request Number: R1204321

Lab ID	Client ID
R1204321-001	SS-06-070312
R1204321-002	SS-07-070312
R1204321-003	SS-08-070312
R1204321-004	SS-09-070312

Columbia Analytical Services

Now part of the ALS Group

REPORT QUALIFIERS

U	Analyte was analyzed for but not detected. The sample quantitation limit has been corrected for dilution and for percent moisture, unless otherwise noted in the case narrative.
J	Estimated value due to either being a Tentatively Identified Compound (TIC) or that the concentration is between the MRL and the MDL. Concentrations are not verified within the linear range of the calibration. For DoD: concentration >40% difference between two GC columns (pesticides/Arclors).
B	Analyte was also detected in the associated method blank at a concentration that may have contributed to the sample result.
E	Inorganics- Concentration is estimated due to the serial dilution was outside control limits.
E	Organics- Concentration has exceeded the calibration range for that specific analysis.
D	Concentration is a result of a dilution, typically a secondary analysis of the sample due to exceeding the calibration range or that a surrogate has been diluted out of the sample and cannot be assessed.
*	Indicates that a quality control parameter has exceeded laboratory limits. Under the "Notes" column of the Form I, this qualifier denotes analysis was performed out of Holding Time.
H	Analysis was performed out of hold time for tests that have an "immediate" hold time criteria.
#	Spike was diluted out.
+	Correlation coefficient for MSA is <0.995.
N	Inorganics- Matrix spike recovery was outside laboratory limits.
N	Organics- Presumptive evidence of a compound (reported as a TIC) based on the MS library search.
S	Concentration has been determined using Method of Standard Additions (MSA).
W	Post-Digestion Spike recovery is outside control limits and the sample absorbance is <50% of the spike absorbance.
P	Concentration >40% (25% for CLP) difference between the two GC columns.
C	Confirmed by GC/MS
Q	DoD reports: indicates a pesticide/Aroclor is not confirmed (≥100% Difference between two GC columns).
X	See Case Narrative for discussion.

ACCREDITED IN ACCORDANCE WITH nelac

CAS/Rochester Lab ID # for State Certifications[1]

NELAP Accredited	Nevada ID # NY-00032
Connecticut ID # PH0556	New Jersey ID # NY004
Delaware Accredited	New York ID # 10145
DoD ELAP #65817	New Hampshire ID # 294100 A/B
Florida ID # E87674	North Carolina #676
Illinois ID #200047	Pennsylvania ID# 68-786
Maine ID #NY0032	Rhode Island ID # 158
Nebraska Accredited	Virginia #460167

[1] Analyses were performed according to our laboratory's NELAP-approved quality assurance program and any applicable state requirements. The test results meet requirements of the current NELAP standards or state requirements, where applicable, except as noted in the laboratory case narrative provided. For a specific list of accredited analytes, refer to the certifications section at www.caslab.com.

COLUMBIA ANALYTICAL SERVICES, INC.
Now part of the ALS Group
Analytical Report

Client: Apex Companies, LLC
Project: Southside - Offsite Sub Slab sampling/32485
Sample Matrix: Air

Service Request: R1204321
Date Collected: 7/ 3/12 1108
Date Received: 7/ 6/12

Sample Name: SS-06-070312
Lab Code: R1204321-001

Analytical Method: TO-15

Date Analyzed: 7/10/12 1355
Canister Dilution Factor: 1.45

Initial Pressure (psig): -2.11 Final Pressure (psig): 3.50

CAS #	Analyte Name	Sample Amount mL	Result µg/m³	MRL µg/m³	Data Qualifier
75-01-4	Vinyl Chloride	0.84	100	100	U
75-35-4	1,1-Dichloroethene	0.84	760	760	U
156-59-2	cis-1,2-Dichloroethene	0.84	760	760	U
71-55-6	1,1,1-Trichloroethane (TCA)	0.84	1000	1000	U
56-23-5	Carbon Tetrachloride	0.84	120	120	U
79-01-6	**Trichloroethene (TCE)**	0.84	**1200**	100	
127-18-4	**Tetrachloroethene (PCE)**	0.84	**88000**	140	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
4-Bromofluorobenzene	105	70-130	7/10/12 1355	

COLUMBIA ANALYTICAL SERVICES, INC.
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Analytical Report

Client: Apex Companies, LLC
Project: Southside - Offsite Sub Slab sampling/32485
Sample Matrix: Air

Service Request: R1204321
Date Collected: 7/ 3/12 1118
Date Received: 7/ 6/12

Sample Name: SS-07-070312
Lab Code: R1204321-002

Analytical Method: TO-15

Date Analyzed: 7/10/12 1520
Canister Dilution Factor: 1.50

Initial Pressure (psig): -2.55 Final Pressure (psig): 3.50

CAS #	Analyte Name	Sample Amount mL	Result µg/m³	MRL µg/m³	Data Qualifier
75-01-4	Vinyl Chloride	38	2.4	2.4	U
75-35-4	1,1-Dichloroethene	38	17	17	U
156-59-2	cis-1,2-Dichloroethene	38	17	17	U
71-55-6	1,1,1-Trichloroethane (TCA)	38	24	24	U
56-23-5	Carbon Tetrachloride	38	2.8	2.8	U
79-01-6	**Trichloroethene (TCE)**	38	**6.7**	2.4	
127-18-4	**Tetrachloroethene (PCE)**	38	**2100**	3.2	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
4-Bromofluorobenzene	110	70-130	7/10/12 1520	

COLUMBIA ANALYTICAL SERVICES, INC.
Now part of the ALS Group
Analytical Report

Client: Apex Companies, LLC
Project: Southside - Offsite Sub Slab sampling/32485
Sample Matrix: Air

Service Request: R1204321
Date Collected: 7/ 3/12 1135
Date Received: 7/ 6/12

Sample Name: SS-08-070312
Lab Code: R1204321-003

Analytical Method: TO-15

Date Analyzed: 7/10/12 1653
Canister Dilution Factor: 1.54

Initial Pressure (psig): -2.90 Final Pressure (psig): 3.50

CAS #	Analyte Name	Sample Amount mL	Result µg/m³	MRL µg/m³	Data Qualifier
75-01-4	Vinyl Chloride	900	0.10	0.10	U
75-35-4	1,1-Dichloroethene	900	0.75	0.75	U
156-59-2	cis-1,2-Dichloroethene	900	0.75	0.75	U
71-55-6	1,1,1-Trichloroethane (TCA)	900	1.0	1.0	U
56-23-5	**Carbon Tetrachloride**	900	**0.52**	0.12	
79-01-6	**Trichloroethene (TCE)**	900	**0.16**	0.10	
127-18-4	**Tetrachloroethene (PCE)**	900	**17**	0.14	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
4-Bromofluorobenzene	126	70-130	7/10/12 1653	

COLUMBIA ANALYTICAL SERVICES, INC.
Now part of the ALS Group
Analytical Report

Client: Apex Companies, LLC
Project: Southside - Offsite Sub Slab sampling/32485
Sample Matrix: Air

Service Request: R1204321
Date Collected: 7/ 3/12 1147
Date Received: 7/ 6/12

Sample Name: SS-09-070312
Lab Code: R1204321-004

Analytical Method: TO-15

Date Analyzed: 7/10/12 1744
Canister Dilution Factor: 1.51

Initial Pressure (psig): -2.65 Final Pressure (psig): 3.50

CAS #	Analyte Name	Sample Amount mL	Result µg/m³	MRL µg/m³	Data Qualifier
75-01-4	Vinyl Chloride	900	0.10	0.10	U
75-35-4	1,1-Dichloroethene	900	0.74	0.74	U
156-59-2	cis-1,2-Dichloroethene	900	0.74	0.74	U
71-55-6	1,1,1-Trichloroethane (TCA)	900	1.0	1.0	U
56-23-5	**Carbon Tetrachloride**	900	**0.51**	0.12	
79-01-6	**Trichloroethene (TCE)**	900	**0.18**	0.10	
127-18-4	**Tetrachloroethene (PCE)**	900	**140**	0.13	E

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
4-Bromofluorobenzene	119	70-130	7/10/12 1744	

COLUMBIA ANALYTICAL SERVICES, INC.
Now part of the ALS Group
Analytical Report

Client: Apex Companies, LLC
Project: Southside - Offsite Sub Slab sampling/32485
Sample Matrix: Air

Service Request: R1204321
Date Collected: 7/ 3/12 1147
Date Received: 7/ 6/12

Sample Name: SS-09-070312
Lab Code: R1204321-004
Run Type: Dilution

Analytical Method: TO-15

Date Analyzed: 7/11/12 1520
Canister Dilution Factor: 1.51

Initial Pressure (psig): -2.65 Final Pressure (psig): 3.50

CAS #	Analyte Name	Sample Amount mL	Result µg/m³	MRL µg/m³	Data Qualifier
75-01-4	Vinyl Chloride	450	0.20	0.20	U
75-35-4	1,1-Dichloroethene	450	1.5	1.5	U
156-59-2	cis-1,2-Dichloroethene	450	1.5	1.5	U
71-55-6	1,1,1-Trichloroethane (TCA)	450	2.0	2.0	U
56-23-5	**Carbon Tetrachloride**	450	**0.46**	0.23	D
79-01-6	Trichloroethene (TCE)	450	0.20	0.20	U
127-18-4	**Tetrachloroethene (PCE)**	450	**130**	0.27	D

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
4-Bromofluorobenzene	115	70-130	7/11/12 1520	

COLUMBIA ANALYTICAL SERVICES, INC.
Now part of the ALS Group
Analytical Report

Client: Apex Companies, LLC
Project: Southside - Offsite Sub Slab sampling/32485
Sample Matrix: Air

Service Request: R1204321
Date Collected: NA
Date Received: NA

Sample Name: Method Blank
Lab Code: RQ1207768-01

Analytical Method: TO-15

Date Analyzed: 7/10/12 1048

CAS #	Analyte Name	Sample Amount mL	Result µg/m³	MRL µg/m³	Data Qualifier
75-01-4	Vinyl Chloride	1000	0.060	0.060	U
75-35-4	1,1-Dichloroethene	1000	0.44	0.44	U
156-59-2	cis-1,2-Dichloroethene	1000	0.44	0.44	U
71-55-6	1,1,1-Trichloroethane (TCA)	1000	0.60	0.60	U
56-23-5	Carbon Tetrachloride	1000	0.070	0.070	U
79-01-6	Trichloroethene (TCE)	1000	0.060	0.060	U
127-18-4	Tetrachloroethene (PCE)	1000	0.080	0.080	U

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
4-Bromofluorobenzene	107	70-130	7/10/12 1048	

COLUMBIA ANALYTICAL SERVICES, INC.
Now part of the ALS Group
Analytical Report

Client: Apex Companies, LLC
Project: Southside - Offsite Sub Slab sampling/32485
Sample Matrix: Air

Service Request: R1204321
Date Collected: NA
Date Received: NA

Sample Name: Method Blank
Lab Code: RQ1207828-01

Analytical Method: TO-15

Date Analyzed: 7/11/12 1338

CAS #	Analyte Name	Sample Amount mL	Result µg/m³	MRL µg/m³	Data Qualifier
75-01-4	Vinyl Chloride	1000	0.060	0.060	U
75-35-4	1,1-Dichloroethene	1000	0.44	0.44	U
156-59-2	cis-1,2-Dichloroethene	1000	0.44	0.44	U
71-55-6	1,1,1-Trichloroethane (TCA)	1000	0.60	0.60	U
56-23-5	Carbon Tetrachloride	1000	0.070	0.070	U
79-01-6	Trichloroethene (TCE)	1000	0.060	0.060	U
127-18-4	Tetrachloroethene (PCE)	1000	0.080	0.080	U

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
4-Bromofluorobenzene	109	70-130	7/11/12 1338	

COLUMBIA ANALYTICAL SERVICES, INC.
Now part of the ALS Group
QA/QC Report

Client: Apex Companies, LLC
Project: Southside - Offsite Sub Slab sampling/32485
Sample Matrix: Air

Service Request: R1204321
Date Analyzed: 7/10/12

Lab Control Sample Summary
Volatile Organic Compounds in Air Collected In SUMMA Passivated Canisters and Analyzed By GC/MS

Analytical Method: TO-15

Units: µg/m³
Basis: NA

Analysis Lot: 299638

	Lab Control Sample RQ1207768-02			
Analyte Name	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**
Vinyl Chloride	5.62	6.33	89	70 - 130
1,1-Dichloroethene	9.60	10.0	96	70 - 130
cis-1,2-Dichloroethene	9.09	10.2	89	70 - 130
1,1,1-Trichloroethane (TCA)	14.7	13.8	107	70 - 130
Carbon Tetrachloride	17.4	16.2	107	70 - 130
Trichloroethene (TCE)	13.8	13.8	100	70 - 130
Tetrachloroethene (PCE)	19.3	17.5	111	70 - 130

Results flagged with an asterisk (*) indicate values outside control criteria.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

COLUMBIA ANALYTICAL SERVICES, INC.
Now part of the ALS Group
QA/QC Report

Client: Apex Companies, LLC
Project: Southside - Offsite Sub Slab sampling/32485
Sample Matrix: Air

Service Request: R1204321
Date Analyzed: 7/11/12

Lab Control Sample Summary
Volatile Organic Compounds in Air Collected In SUMMA Passivated Canisters and Analyzed By GC/MS

Analytical Method: TO-15

Units: µg/m³
Basis: NA

Analysis Lot: 299837

Lab Control Sample
RQ1207828-02

Analyte Name	Result	Spike Amount	% Rec	% Rec Limits
Vinyl Chloride	5.89	6.33	93	70 - 130
1,1-Dichloroethene	10.0	10.0	100	70 - 130
cis-1,2-Dichloroethene	9.60	10.2	94	70 - 130
1,1,1-Trichloroethane (TCA)	15.5	13.8	113	70 - 130
Carbon Tetrachloride	18.6	16.2	115	70 - 130
Trichloroethene (TCE)	14.6	13.8	105	70 - 130
Tetrachloroethene (PCE)	20.4	17.5	117	70 - 130

Results flagged with an asterisk (*) indicate values outside control criteria.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

Columbia Analytical Services

CHAIN OF CUSTODY - AIR

PAGE 1 OF 1

1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623 | 585.288.5380 | 585.288.8475 (fax) | www.caslab.com

Requested Turnaround Time in Business Days from Receipt, please circle:
1 Day 2 Day 3 Day 4 Day 5 Day **10 Day-Standard**

CAS Project #: 32485

Company Name: Apex Companies, LLC	Project Name: Southside – Offsite Sub-Slab
Address: 155 Tri-County Pkwy., Ste. 250	Project Number: 1200202.004
City, State, Zip: Cincinnati, Ohio 45246	P.O. #/Billing Information:
Project Manager: Adam Flege	
Phone: 513-771-3617 / Fax: 513-771-3723	
Email (for result reporting): aflege@apexcos.com	Sampler (Print & Sign): Eric J. Wysong

CAS Contact: Janice Jaeger

Analysis Method and/or Analytes

Client Sample ID	Laboratory ID Number	Date Collected	Time Collected	Canister ID	Flow Controller ID	TO-15 Report only: 1,1,1-TCA, Carbon Tet., TCE + PCE				**Comments** Specific Instructions
SS-06-070312		7/3/12	11:08	SLC00207	FC00720	X				
SS-07-070312		7/3/12	11:18	SLC00208	FC00739	X				
SS-08-070312		7/3/12	11:35	SLC00168	FC00720	X				
SS-09-070312		7/3/12	11:47	~~SLC00383~~ SLC00181	FC00753	X				

What State were samples collected in: New York

Project Requirements (MRLs, QAPP, etc.)

Report Tier Levels - please select:
Tier I (Results/Default, if not specified) ___ Tier III (CLP Forms Only) ___
Tier II (Results + QC) ___ Tier IV (Data Validation) ___

EDD required: YES / NO
Type: _____ EDD Units: _____

Relinquished by: (Signature)	Date:	Time	Received by: (Signature)	Date:	Time:
	7/3/12	13:45	Amy Hunter	7/6/12	1620
Relinquished by: (Signature)	Date:	Time	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Date:	Time	Received by: (Signature)	Date:	Time:

R1204321 5
Apex Companies, LLC
Southside - Offsite Sub Slab sampling

COC AIR REV 7-11

Cooler Receipt and Preservation Check Form

Project/Client APEX Folder Number _____

Cooler received on 7/6/12 by: AHH COURIER: ALS UPS (FEDEX) VELOCITY CLIENT

1.	Were custody seals on outside of cooler?	(YES)	NO			
2.	Were custody papers properly filled out (ink, signed, etc.)?	(YES)	NO			
3.	Did all bottles arrive in good condition (unbroken)?	(YES)	NO			
4.	Did VOA vials, Alkalinity, or Sulfide have significant* air bubbles?	YES	NO	(N/A)		
5.	Were **Ice** or **Ice packs** present?	YES	(NO)			
6.	Where did the bottles originate?	(ALS/ROC)	CLIENT			
7.	Temperature of cooler(s) upon receipt:	AIR				
	Is the temperature within 0° - 6° C?:	Yes	Yes	Yes	Yes	Yes
	If No, Explain Below	No	No	No	No	No

Date/Time Temperatures Taken: AIR

Thermometer ID: IR GUN#3 / IR GUN#4 Reading From: Temp Blank / Sample Bottle

If out of Temperature, note packing/ice condition &Client Approval to Run Samples: _____

All Samples held in storage location SMO by AHH on 7/6/12 at 1620

5035 samples placed in storage location _____ by _____ on _____ at _____

PC Secondary Review: [signature] 7/6/12

Cooler Breakdown: Date: _____ Time: _____ by: _____

1.	Were all bottle labels complete (*i.e.* analysis, preservation, etc.)?	YES	NO	
2.	Did all bottle labels and tags agree with custody papers?	YES	NO	
3.	Were correct containers used for the tests indicated?	YES	NO	
4.	Air Samples: Cassettes / Tubes Intact	Canisters Pressurized	Tedlar® Bags Inflated	N/A

Explain any discrepancies: _____

pH	Reagent	YES	NO	Lot Received	Exp	Sample ID	Vol. Added	Lot Added	Final pH
≥12	NaOH								
≤2	HNO_3								
≤2	H_2SO_4								
<4	$NaHSO_4$								
Residual Chlorine (-)	For TCN Phenol and 522			If present, contact PM to add ascorbic acid Or sodium sulfite (522)					
	$Na_2S_2O_3$	-	-						
	Zn Aceta	-	-						
	HCl	*	*						

*Not to be tested before analysis – pH tested and recorded by VOAs or GenChem on a separate worksheet

Yes = All samples OK

No = Samples were preserved at lab as listed

PM OK to Adjust: _____

Bottle lot numbers: _____

Other Comments:

PC Secondary Review: [signature] 7/17/12 *significant air bubbles: VOA > 5-6 mm : WC >1 in. diameter

H:\SMODOCS\Cooler Receipt 5.doc