



Stantec

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April 10, 2013
File: 190500751

Mr. Todd Caffoe, P.E.
New York State Department of Environmental Conservation
Division of Environmental Remediation
6274 East Avon-Lima Road
Avon, NY 14414

**Reference: Brownfield Cleanup Program
Monthly Progress Report #1
Site #C828184
Former Carriage Factory
33 Litchfield Street
Rochester, Monroe County, New York**

Dear Todd:

On behalf of Carriage Factory Special Needs Apartments, LP (CFSNA), Stantec Consulting Services Inc. (Stantec) has prepared this Monthly Progress Report #1 for the Brownfield Cleanup Program (BCP) at the Former Carriage Factory located at 33 Litchfield Street in the City of Rochester, Monroe County, New York (Site). This report covers activities that took place during the month of March 2013, but also provides a summary of Remedial Investigation (RI) related activities that took place prior to execution of the Brownfield Cleanup Agreement (BCA) for the Site.

Introduction

A BCP Application and the proposed Remedial Investigation Work Plan (RIWP) were submitted to the New York State Department of Environmental Conservation (Department) for the former Carriage Factory site by the current owner, CFSNA, on November 21, 2012. A BCP Agreement was executed between CFSNA and the Department on February 26, 2013.

Prior to submission of the BCP Application and RIWP, environmental investigations had been performed at the Site, primarily between August 2010 and August 2012. These investigations by others reported that soil and groundwater at the Site had been impacted by volatile organic compounds (VOCs), and that a portion of the Site contained "urban fill" soils impacted by heavy metals.

Given the previously-established schedule for completing redevelopment of the Site in 2014, Stantec performed supplemental environmental investigations with the knowledge and approval of the Department following submittal of the BCP application but prior to execution of the BCA. These activities and the related findings are described below.

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Rochester, Monroe County, New York

1. Actions Conducted Prior to BCA Execution

- A "Preliminary Reconnaissance" investigation was performed on December 10, 2012 in the northern portion of the building, which consists of a one-story structure with no basement. This investigation was performed in response to a building walkthrough which identified the presence of debris piles and a sign suggesting Dry Cleaning may have been performed in this area of the building.

Eleven soil test borings were advanced with hand-operated drilling/sampling equipment to the top of bedrock (encountered at depths ranging from 6.3 to 7.0 ft. below the floor slab). The attached Figure 1 shows the test boring locations. Visual observation and screening of soil samples with a photoionization detector (PID) generally did not indicate VOC presence with the exception of samples obtained just above the top of bedrock in borings B5 and B9.

These two samples, along with a third sample were submitted to Chemtech for analysis. The results, which were submitted to the Department on December 17, 2012, are summarized in the attached Table 1.

Isopropylbenzene was reported in each sample but at levels well below the NYSDEC Soil Cleanup Objective (SCO). Methylcyclohexane and cyclohexane were also detected at low levels; however no SCO exists for these compounds. Several Tentatively Identified Compounds (TICs) were reported to be present at low levels ("J" or estimated values below the method detection limit); these compounds appear to be primarily petroleum-related. In summary, the chlorinated compounds that have previously been reported elsewhere on site were not reported in these samples and no significant soil impacts were identified that would warrant further investigation or remedial measures associated with soil in this area.

- A limited passive soil gas (PSG) investigation, which was set forth in the proposed RIWP, was performed between December 27, 2012 and January 10, 2013. This investigation was performed as a screening method to obtain data relative to VOCs in soil gas that might identify areas that should be investigated further. A total of 28 PSG samplers were installed in the basement of the building and in areas outside and in close proximity to the building on the north, east and south sides. This investigation task was discussed with and approved by Mr. Todd Caffoe, the Department's Project Manager on December 20, 2012.

The PSG results along with interpreted concentration plots generated by analysis of the PSG samplers are presented in Appendix A. These data, which were provided to the Department on March 1, 2013, provided the following findings:

- An area with elevated chlorinated VOC soil gas concentrations was reported beneath the southwest portion of the building. In the 1971 Sanborn Fire Insurance Map, this area appears to be labeled "Spray Paints 1st" and is located in an upgradient location relative to a previously installed monitoring well that exhibited the highest VOC groundwater concentrations reported on Site;
- An area of elevated petroleum-related VOC soil gas concentrations was reported in the south-central portion of the basement, beneath the atrium. On both the 1950 and 1912

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Sanborn Fire Insurance maps, the atrium is labeled "Testing Room, Cement Floor". During installation of the PSG samplers, gray stained soil, petroleum odors and positive PID readings (0.6 to 10.4 ppm) were observed in several PSG probe holes;

- Methylene chloride, a chlorinated VOC that was not reported in the prior investigations of the Site, was reported in several PSG samples in Wiley Street, off-site to the north of the building. This chlorinated VOC was not reported to be present in any of the PSG samples on the Site; and
 - Tetrachloroethene (PCE) and trichloroethene (TCE) were detected in PSG samples along the south side of the building near the loading dock. These locations are in close proximity to a former soil test boring where TCE was reported in soil.
- A Change of Ownership notification was submitted to the Department on January 4, 2013 indicating that CFSNA had completed its acquisition of the Site on December 19, 2012 with the filing of the Deed at the Monroe County Clerk's office.
 - A Change of Use notification was submitted to the Department on February 1, 2013 which formally identified the proposed redevelopment of the Site pending completion of construction financing arrangements.

2. Actions Conducted During The Previous Month

In response to comments on the proposed RIWP received from the Department on March 8th, the following environmental investigation activities were performed following discussion with and approval from the Department:

- Geophysical surveys were conducted on the Site during the period from March 16 through April 1, 2013, as follows:
 - An EM-61 electromagnetic survey was conducted on March 16 to assess the potential presence of underground storage tanks on the non-building portion of the Site. The mapping results were transmitted to the Department on March 22, 2013. Although the survey did not detect anomalies indicative of UST presence, smaller anomalies were detected at several locations across the site;
 - EM-61 and ground penetrating radar (GPR) surveys were performed on March 23 and April 1, respectively, in the basement of the building to assess the potential presence of piping, vaults or other subsurface structures that might influence groundwater and/or contaminant migration and distribution. A preliminary review of the data has indicated that two apparent cast iron sewers were identified beneath the building, however the data mapping had not been completed at the time this report was prepared;
 - A GPR survey was also performed in the Wiley Street right-of-way (ROW) north of and adjacent to the Site on April 1 to assess the potential for piping or other subsurface structures that could impact the presence or movement of contaminants to or from the area of PSG sample SG-12, where elevated PERC concentrations had been detected. It is understood the results did not indicate the presence of any suspect structures in the Wiley Street ROW; and

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- The proposed layout for a second phase of PSG investigation was submitted to the Department on March 12th and approved on March 14th. The supplemental PSG survey was performed between March 15 and March 27. 31 samplers were deployed across the southern portion of the site, in the northern first-story section of the building and in portions of the Wiley Street ROW (see Figure 2). Due to an equipment malfunction at the laboratory, the results of this investigation had not been received at the time this report was prepared.

3. Data Received or Generated in the Previous Month

- Geophysical survey results received from the EM-61 survey performed on March 16th in the southern portion of the Site were submitted to the Department on March 22nd.

4. Deliverables Completed and Submitted during the Previous Month

- A Response to Comments on the RIWP was submitted to the Department on March 22, 2013.
- No formal deliverables were required during March; however data and findings were transmitted to NYSDEC via email on March 1 and March 22, as discussed above.

5. Actions Scheduled for the Next Reporting Period

Pending receipt of approval from the Department, the following activities are planned for April:

- Demolition of the above grade portion of the northerly one-story portion of the building;
- Excavation of test trenches at the locations of identified geophysical anomalies in the open, southern portions of the site on April 10. A figure depicting the proposed test pit program to investigate these anomalies was submitted to the Department on April 5 and approval to proceed was received from the Department on April 8. Soil samples will be obtained and analyzed depending on materials encountered;
- Excavation in the basement for foundation construction of two stair towers to serve the building interior on April 11; and
- Drilling of test borings and installation of monitoring wells at interior and exterior locations. The actual locations of these explorations are subject to final determination pending results of the supplemental PSG survey and test trenching and Department approval. Soil samples will be submitted for analysis in accordance with the RIWP.

6. Completion, Delays and Future Schedule

The schedule set forth in the BCP application and proposed RIWP was delayed by completion of the construction financing activities and the pending approval of the RIWP and Response to Comments by the Department. Once approval of the RIWP and the Response to comments are received, a revised project schedule will be submitted.

April 10, 2013

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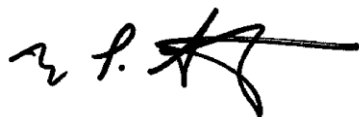
Reference: Brownfield Cleanup Program
Monthly Progress Report #1
Site # C828184
Former Carriage Factory
33 Litchfield Street
Rochester, Monroe County, New York

Closing

Should you have any questions or require further information, please call me at 585-413-5266.

Sincerely,

STANTEC CONSULTING SERVICES INC.



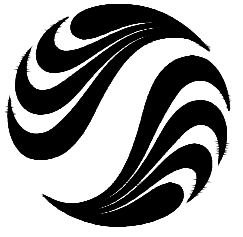
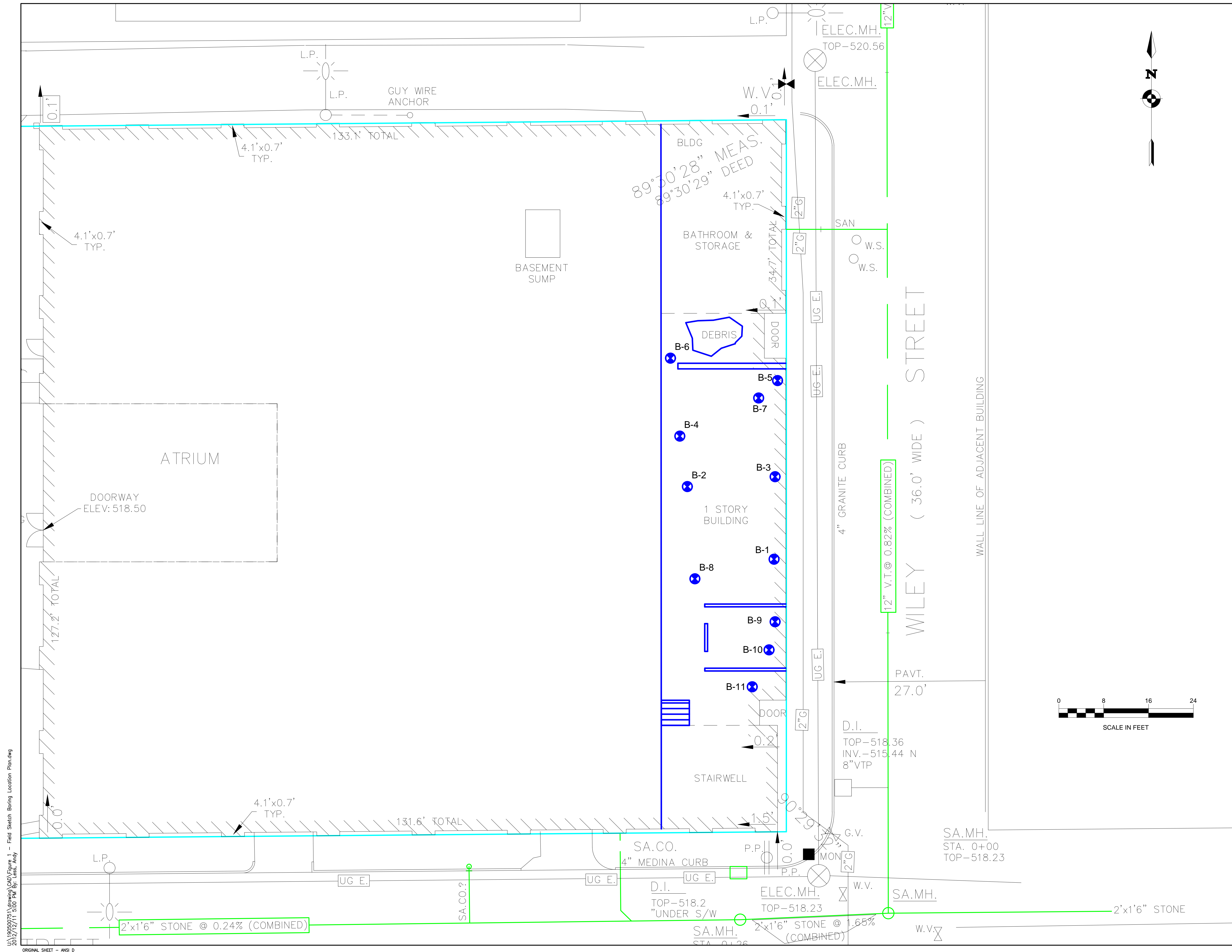
Michael P. Storonsky
Project Manager

cc: Bart Putzig (NYSDEC)
James Mahoney (NYSDEC)
Justin Deming (NYSDOH)
James Whalen (CFSNA)
Mark Fuller (CFSNA)
Al Floro (Nixon Peabody)
Jonathan Penna (Nixon Peabody)
Mark Gregor (City of Rochester)
James Patchett (Goldman Sachs)
Eleonora Bershadskaya (Goldman Sachs)
Linda Kaiser (Goldman Sachs)
David Lent (IVI)

Attachments:

Figure 1 - Preliminary Reconnaissance Test Borings
Figure 2 - Supplemental Passive Soil Gas Sampling Locations
Table 1 - Summary of Analytical Results in Soil – December 2012
Appendix A - Initial Passive Soil Gas Survey Results

FIGURES



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Consultants

Legend

Notes

Revision	By	Appd.	YY.MM.DD
Issued	By	Appd.	YY.MM.DD
File Name:			
	Dwn.	Chkd.	Dsgn.
Permit-Seal			YY.MM.DD

Client/Project
NIXON PEABODY

FORMER CARRIAGE FACTORY
33 LITCHFIELD STREET
ROCHESTER , NY

Title

SITE PLAN
NORTH SIDE BORING PROGRAM

Project No. 190500751	Scale 1" = 8'	
Drawing No.	Sheet	Revision

FIGURE 1 of 1



Stantec
61 COMMERCIAL STREET
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Legend

- 33 LITCHFIELD STREET BUILDING LIMITS
- RW 2 888 ug/L LOCATIONS OF EXISTING GROUNDWATER MONITORING WELL WITH GROUNDWATER CVOCs CONCENTRATION VALUES (MICROGRAMS PER LITER)
- 218 SUPPLEMENTAL PASSIVE SOIL GAS SAMPLING POINT LOCATION
- PROPERTY LINE
- SANITARY SEWER (SA MH=MANHOLE)

Notes

- PLAN ADAPTED FROM BASE PLAN BY PARRONE ENGINEERING.
- GROUND SURFACE ELEVATION CONTOURS OBTAINED FROM DRAWING ENTITLED "BORING LOCATION PLAN" BY FOUNDATION DESIGN, P.C., DATED JANUARY 26, 2011.
- EXPLORATION, WELL, AND SAMPLE LOCATIONS SUBJECT TO CHANGE BASED ON FIELD CONDITIONS, AND SUPPLEMENTAL PASSIVE SOIL GAS SURVEY RESULTS.
- INITIAL PASSIVE SOIL GAS SURVEY RESULTS BASED ON SAMPLING PERFORMED DECEMBER 27, 2012 THROUGH JANUARY 10, 2013. ANALYSIS BY BEACON ENVIRONMENTAL SERVICES, INC.

ADDED SUPPLEMENTAL PSG LOCATIONS	RM	MS	13.03.12
Revision	By	Appd.	YY.MM.DD
Issued	By	Appd.	YY.MM.DD

File Name: _____ Dwn. Chkd. Dsgn. YY.MM.DD

Permit-Seal

Client/Project

CARRIAGE FACTORY SPECIAL NEEDS APARTMENTS, L.P.
REMEDIAL INVESTIGATION WORK PLAN

BROWNFIELD CLEANUP PROGRAM
FORMER CARRIAGE FACTORY

33 LITCHFIELD STREET, ROCHESTER, NY

Title

SUPPLEMENTAL PASSIVE SOIL GAS
SAMPLING LOCATIONS

Project No.
190500751

Scale
AS SHOWN

Drawing No.

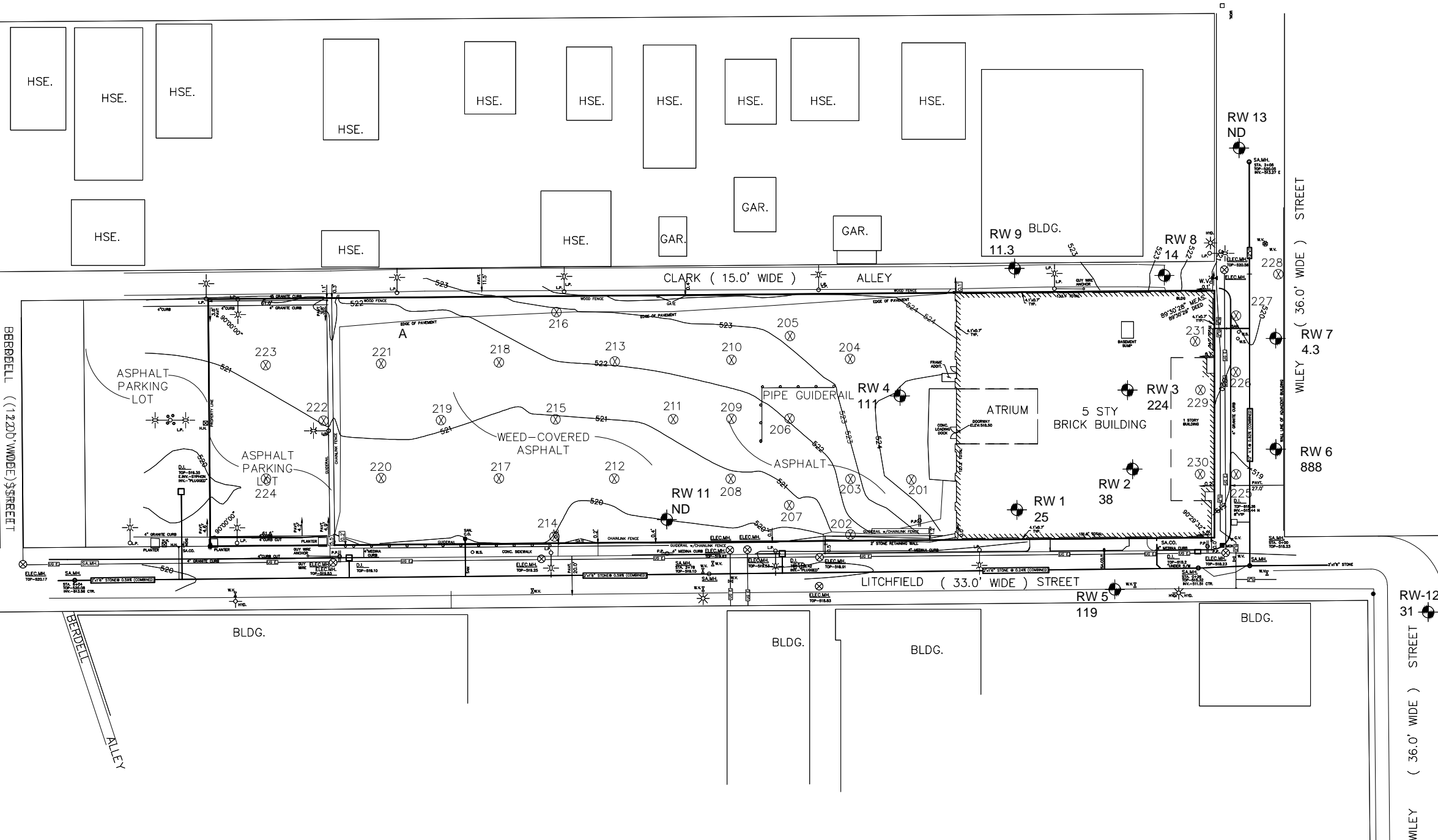
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FIGURE 2

of

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ORIGINAL SHEET - ANSI D

TABLES

Table 1
Summary of Analytical Results in Soil - December 2012
Former Carriage Factory
33 Litchfield Street, Rochester, New York

Sample Location			B-5		B-9	B-10
			10-Dec-12	10-Dec-12	10-Dec-12	10-Dec-12
Sample Date			B-5-6.8	B-5-6.8 RE	B-9-7.0	B-10-7.0
Sample ID			6.8 ft	6.8 ft	7 ft	7 ft
Sample Depth			STANTEC	STANTEC	STANTEC	STANTEC
Sampling Company			CTECH	CTECH	CTECH	CTECH
Laboratory			D5130	D5130	D5130	D5130
Laboratory Work Order			D5130-01	D5130-01RE	D5130-02	D5130-05
Laboratory Sample ID						
Sample Type	Units	6NYCRR				

Volatile Organic Compounds						
Acetone	µg/kg	100000 _b ^A 50 ^B	14.5 U	14.5 U	14.5 U	15 U
Benzene	µg/kg	4800 ^A 60 ^B	2.9 U	2.85 U	2.85 U	3.0 U
Bromodichloromethane	µg/kg	100000 _b ^A 1000000 _d ^B	2.9 U	2.85 U	2.85 U	3.0 U
Bromoform (Tribromomethane)	µg/kg	100000 _b ^A 1000000 _d ^B	2.9 U	2.85 U	2.85 U	3.0 U
Bromomethane (Methyl bromide)	µg/kg	100000 _b ^A 1000000 _d ^B	2.9 U	2.85 U	2.85 U	3.0 U
Carbon Disulfide	µg/kg	100000 _b ^A 1000000 _d ^B	2.9 U	3.6 J	2.85 U	3.0 U
Carbon Tetrachloride (Tetrachloromethane)	µg/kg	2400 ^A 760 ^B	2.9 U	2.85 U	2.85 U	3.0 U
Chlorobenzene (Monochlorobenzene)	µg/kg	100000 _b ^A 1100 ^B	2.9 U	2.85 U	34	3.0 U
Chlorobromomethane	µg/kg	n/v	2.9 U	2.85 U	2.85 U	3.0 U
Chloroethane (Ethyl Chloride)	µg/kg	100000 _b ^A 1000000 _d ^B	2.9 U	2.85 U	2.85 U	3.0 U
Chloroform (Trichloromethane)	µg/kg	49000 ^A 370 ^B	2.9 U	2.85 U	2.85 U	3.0 U
Chloromethane	µg/kg	100000 _b ^A 1000000 _d ^B	2.9 U	2.85 U	2.85 U	3.0 U
Cyclohexane	µg/kg	n/v	3.9 J	8.0	2.85 U	3.0 U
Dibromo-3-Chloropropane, 1,2- (DBCP)	µg/kg	n/v	2.9 U	2.85 U	2.85 U	3.0 U
Dibromochloromethane	µg/kg	100000 _b ^A 1000000 _d ^B	2.9 U	2.85 U	2.85 U	3.0 U
Dichlorobenzene, 1,2-	µg/kg	100000 _b ^A 1100 ^B	2.9 U	2.85 U	2.85 U	3.0 U
Dichlorobenzene, 1,3-	µg/kg	49000 ^A 2400 ^B	2.9 U	2.85 U	2.85 U	3.0 U
Dichlorobenzene, 1,4-	µg/kg	13000 ^A 1800 ^B	2.9 U	2.85 U	2.85 U	3.0 U
Dichlorodifluoromethane (Freon 12)	µg/kg	n/v	2.9 U	2.85 U	2.85 U	3.0 U
Dichloroethane, 1,1-	µg/kg	26000 ^A 270 ^B	2.9 U	2.85 U	2.85 U	3.0 U
Dichloroethane, 1,2-	µg/kg	3100 ^A 20 _f ^B	2.9 U	2.85 U	2.85 U	3.0 U
Dichloroethene, 1,1-	µg/kg	100000 _b ^A 330 ^B	2.9 U	2.85 U	2.85 U	3.0 U
Dichloroethylene, cis-1,2-	µg/kg	100000 _b ^A 250 ^B	2.9 U	2.85 U	2.85 U	3.0 U
Dichloroethylene, trans-1,2-	µg/kg	100000 _b ^A 190 ^B	2.9 U	2.85 U	2.85 U	3.0 U
Dichloropropane, 1,2-	µg/kg	100000 _b ^A 1000000 _d ^B	2.9 U	2.85 U	2.85 U	3.0 U
Dichloropropene, cis-1,3-	µg/kg	100000 _b ^A 1000000 _d ^B	2.9 U	2.85 U	2.85 U	3.0 U
Dichloropropene, trans-1,3-	µg/kg	100000 _b ^A 1000000 _d ^B	2.9 U	2.85 U	2.85 U	3.0 U
Dioxane, 1,4-	µg/kg	13000 ^A 100 _f ^B	60 U	55 U	55 U	60 U
Ethylbenzene	µg/kg	41000 ^{AB}	2.9 U	2.85 U	2.85 U	3.0 U
Ethylene Dibromide (Dibromoethane, 1,2-)	µg/kg	n/v	2.9 U	2.85 U	2.85 U	3.0 U
Hexanone, 2- (Methyl Butyl Ketone)	µg/kg	100000 _b ^A 1000000 _d ^B	14.5 U	14.5 U	14.5 U	15 U
Isopropylbenzene	µg/kg	100000 _b ^A 1000000 _d ^B	20	32	32	3.0 U
Methyl Acetate	µg/kg	n/v	2.9 U	2.85 U	2.85 U	3.0 U
Methyl Ethyl Ketone (MEK)	µg/kg	100000 _b ^A 120 ^B	14.5 U	14.5 U	14.5 U	15 U
Methyl Isobutyl Ketone (MIBK)	µg/kg	100000 _b ^A 1000000 _d ^B	14.5 U	14.5 U	14.5 U	15 U
Methyl tert-butyl ether (MTBE)	µg/kg	100000 _b ^A 930 ^B	2.9 U	2.85 U	2.85 U	3.0 U
Methylcyclohexane	µg/kg	n/v	38	77	2.85 U	1.6 J
Methylene Chloride (Dichloromethane)	µg/kg	100000 _b ^A 50 ^B	2.9 U	2.85 U	2.85 U	3.0 U
Styrene	µg/kg	100000 _b ^A 1000000 _d ^B	2.9 U	2.85 U	2.85 U	3.0 U
Tetrachloroethane, 1,1,2,2-	µg/kg	100000 _b ^A 1000000 _d ^B	2.9 U	2.85 U	2.85 U	3.0 U
Tetrachloroethylene (PCE)	µg/kg	19000 ^A 1300 ^B	2.9 U	2.85 U	2.85 U	3.0 U
Toluene	µg/kg	100000 _b ^A 700 ^B	2.9 U	2.85 U	2.85 U	3.0 U
Trichlorobenzene, 1,2,3-	µg/kg	n/v	2.9 U Q	2.85 U Q	2.85 U Q	3.0 U Q
Trichlorobenzene, 1,2,4-	µg/kg	100000 _b ^A 1000000 _d ^B	2.9 U	2.85 U	2.85 U	3.0 U
Trichloroethane, 1,1,1-	µg/kg	100000 _b ^A 680 ^B	2.9 U	2.85 U	2.85 U	3.0 U
Trichloroethane, 1,1,2-	µg/kg	100000 _b ^A 1000000 _d ^B	2.9 U	2.85 U	2.85 U	3.0 U
Trichloroethylene (TCE)	µg/kg	21000 ^A 470 ^B	2.9 U	2.85 U	2.85 U	3.0 U
Trichlorofluoromethane (Freon 11)	µg/kg	n/v	2.9 U	2.85 U	2.85 U	3.0 U
Trichlorotrifluoroethane (Freon 113)	µg/kg	100000 _b ^A 1000000 _d ^B	2.9 U	2.85 U	2.85 U	3.0 U
Vinyl chloride	µg/kg	900 ^A 20 ^B	2.9 U	2.85 U	2.85 U	3.0 U
Xylene, m & p-	µg/kg	100000 _{b,p} ^A 1600 _p ^B	6 U	5.5 U	5.5 U	6 U
Xylene, o-	µg/kg	100000 _{b,p} ^A 1600 _b ^B	2.9 U	2.85 U	2.85 U	3.0 U

Tentatively Identified Compounds						
1,2,4-Trimethylbenzene	µg/kg	n/v	2.1 J	-	530 J	-
1,3,5-Trimethylbenzene	µg/kg	n/v	-	-	180 J	-
1-Methyldecahydronaphthalene	µg/kg	n/v	250 J	-	-	-
2-Octene, 2,6-dimethyl-	µg/kg	n/v	390 J	-	-	-
Benzene, 1-methyl-3-propyl-	µg/kg	n/v	-	-	110 J	-
Benzene, Propyl-	µg/kg	n/v	31 J	-	110 J	-
Butylbenzene, n-	µg/kg	n/v	29 J	-	120 J	-
Butylbenzene, sec- (2-Phenylbutane)	µg/kg	n/v	46 J	-	120 J	-
Butylbenzene, tert-	µg/kg	n/v	5.5 J	-	7.3 J	-
cis-1-Ethyl-3-methyl-cyclohexane	µg/kg	n/v	-	-	130 J	-
Cyclohexane, 1,1,2,3-tetramethyl-	µg/kg	n/v	-	-	130 J	-
Cyclohexane, 1,4-dimethyl-, cis-	µg/kg	n/v	230 J	-	-	-
Cyclohexane, pentyl-	µg/kg	n/v	200 J	-	-	-
Decane	µg/kg	n/v	-	-	310 J	-
Decane, 2-methyl-	µg/kg	n/v	200 J	-	-	-
Decane, 4-methyl-	µg/kg	n/v	500 J	-	270 J	-
Decane, 5-methyl-	µg/kg	n/v	240 J	-	-	-
Heptane, 3-ethyl-2-methyl-	µg/kg	n/v	-	-	100 J	-
Isopropyltoluene, p- (Cymene)	µg/kg	n/v	-	-	170 J	-
Naphthalene	µg/kg	n/v	-	-	32 J	-
Nonane A	µg/kg	n/v	-	-	120 J	-
Octane, 2,6-dimethyl-	µg/kg	n/v	-	-	400 J	-
Octane, 3-ethyl-	µg/kg	n/v	190 J	-	-	-
Propanedinitrile, cyclohexyl(2-met	µg/kg	n/v	210 J	-	-	-
Undecane, 2,6-dimethyl-	µg/kg	n/v	350 J	-	-	-
Undecane, 5,6-dimethyl-	µg/kg	n/v	-	-	190 J	-
Unknown	µg/kg	n/v	-	-	170 J	-

- Notes:**
- 6NYCRR

NYSDEC 6 NYCRR Part 375 Soil Clean-up Objectives (SCOs)
- ^A

NYSDEC 6 NYCRR Part 375 - Restricted Use SCO - Protection of Human Health - Restricted Residential
- ^B

NYSDEC 6 NYCRR Part 375 - Restricted Use SCO - Protection of Groundwater
- 6.5^A

Concentration exceeds the indicated standard.
- 15.2

Concentration was detected but did not exceed applicable standards.
- 0.50 U

Laboratory estimated quantitation limit exceeded standard.
- 0.03 U

The analyte was not detected above the laboratory estimated quantitation limit.
- n/v

No standard/guideline value.
- Parameter not analyzed / not available.
- _b

The SCOs for residential, restricted-residential and ecological resources use were capped at a maximum value of 100 mg/kg. See 6 NYCRR Part 375 TSD Section 9.3.
- _{b,p}

The SCOs for residential, restricted-residential and ecological resources use were capped at a maximum value of 100 mg/kg. See 6 NYCRR Part 375 TSD Section 9.3. The criterion is applicable to total xylenes, and the individual isomers should be added for comparison.
- _d

The SCOs for industrial use and the protection of groundwater were capped at a maximum value of 1000 mg/kg (Organics) and 10000 mg/kg (Inorganics). See 6 NYCRR Part 375 TSD Section 9.3.
- _f

For constituents where the calculated SCO was lower than the CRQL, the CRQL is used as the SCO value.
- _g

For constituents where the calculated SCO was lower than the rural soil background concentration as determined by the DEC/DOH rural soil survey, the rural soil background concentration is used as the Track 2 SCO value for this use of the site.
- _p

The criterion is applicable to total xylenes, and the individual isomers should be added for comparison.
- J

Indicates estimated value.
- Q

Indicates LCS control criteria did not meet requirements.

APPENDIX A

INITIAL PASSIVE SOIL GAS SURVEY RESULTS

Table 1

Beacon Environmental Services, Inc.
323 Williams Street
Bel Air, MD 21014 USA

Analysis by EPA Method 8260C (Modified)

Client Sample ID:	mb130111c	Trip-1	L1-SG-1	L1-SG-2	L1-SG-3	L1-SG-4
Project Number:		2621	2621	2621	2621	2621
Lab File ID:	C13011103	C13011105	C13011106	C13011107	C13011108	C13011109
Received Date:		1/11/2013	1/11/2013	1/11/2013	1/11/2013	1/11/2013
Analysis Date:	1/11/2013	1/11/2013	1/11/2013	1/11/2013	1/11/2013	1/11/2013
Analysis Time:	14:34	15:17	15:42	16:03	16:24	16:46
Matrix:			Soil Gas	Soil Gas	Soil Gas	Soil Gas
Units:	ng	ng	ng	ng	ng	ng
COMPOUNDS						
Vinyl Chloride	<25	<25	<25	<25	<25	6,341
Trichlorofluoromethane (Freon 11)	<25	<25	<25	<25	<25	<25
1,1-Dichloroethene	<25	<25	<25	<25	44	142
Methylene Chloride	<250	<250	<250	<250	<250	<250
1,1,2-Trichlorotrifluoroethane (Fr.113)	<25	<25	<25	<25	<25	<25
trans-1,2-Dichloroethene	<25	<25	26	<25	84	78
Methyl-t-butyl ether	<25	<25	<25	<25	<25	<25
1,1-Dichloroethane	<25	<25	<25	<25	<25	<25
cis-1,2-Dichloroethene	<25	<25	114	<25	662	978
Chloroform	<25	<25	<25	<25	<25	<25
1,2-Dichloroethane	<25	<25	<25	<25	<25	<25
1,1,1-Trichloroethane	<25	<25	<25	<25	<25	<25
Carbon Tetrachloride	<25	<25	<25	<25	<25	<25
Benzene	<25	<25	<25	<25	<25	95
Trichloroethene	<25	<25	1,607	42	5,219	195
1,4-Dioxane	<25	<25	<25	<25	<25	<25
1,1,2-Trichloroethane	<25	<25	<25	<25	<25	<25
Toluene	<25	<25	30	<25	<25	<25
1,2-Dibromoethane (EDB)	<25	<25	<25	<25	<25	<25
Tetrachloroethene	<25	<25	1,945	239	3,462	117
1,1,1,2-Tetrachloroethane	<25	<25	<25	<25	<25	<25
Chlorobenzene	<25	<25	<25	<25	<25	<25
Ethylbenzene	<25	<25	<25	<25	<25	<25
p & m-Xylene	<25	<25	53	<25	29	39
1,1,2,2-Tetrachloroethane	<25	<25	<25	<25	<25	<25
o-Xylene	<25	<25	<25	<25	<25	<25
1,2,3-Trichloropropane	<25	<25	<25	<25	<25	<25
Isopropylbenzene	<25	<25	<25	<25	<25	<25
1,3,5-Trimethylbenzene	<25	<25	<25	<25	<25	<25
1,2,4-Trimethylbenzene	<25	<25	28	<25	<25	33
1,3-Dichlorobenzene	<25	<25	<25	<25	<25	<25
1,4-Dichlorobenzene	<25	<25	<25	<25	<25	<25
1,2-Dichlorobenzene	<25	<25	<25	<25	<25	<25
1,2,4-Trichlorobenzene	<25	<25	<25	<25	<25	<25
Naphthalene	<25	<25	<25	<25	<25	<25
1,2,3-Trichlorobenzene	<25	<25	<25	<25	<25	<25
2-Methylnaphthalene	<25	<25	<25	<25	<25	<25
TPH C ₅ -C ₉	<5,000	<5,000	<5,000	<5,000	<5,000	88,644
TPH C ₁₀ -C ₁₅	<5,000	<5,000	<5,000	<5,000	<5,000	68,148

Table 1

Beacon Environmental Services, Inc.
323 Williams Street
Bel Air, MD 21014 USA

Analysis by EPA Method 8260C (Modified)

Client Sample ID:	L1-SG-5	L1-SG-6	L1-SG-7	L1-SG-8	L1-SG-9	L1-SG-10
Project Number:	2621	2621	2621	2621	2621	2621
Lab File ID:	C13011110	C13011111	C13011112	C13011113	C13011114	C13011115
Received Date:	1/11/2013	1/11/2013	1/11/2013	1/11/2013	1/11/2013	1/11/2013
Analysis Date:	1/11/2013	1/11/2013	1/11/2013	1/11/2013	1/11/2013	1/11/2013
Analysis Time:	17:07	17:28	17:49	18:11	18:32	18:54
Matrix:	Soil Gas	Soil Gas	Soil Gas	Soil Gas	Soil Gas	Soil Gas
Units:	ng	ng	ng	ng	ng	ng
COMPOUNDS						
Vinyl Chloride	<25	<25	<25	<25	<25	<25
Trichlorofluoromethane (Freon 11)	<25	<25	<25	<25	<25	<25
1,1-Dichloroethene	<25	<25	<25	<25	<25	<25
Methylene Chloride	<250	<250	<250	106,762	31,399	<250
1,1,2-Trichlorotrifluoroethane (Fr.113)	<25	<25	<25	<25	<25	<25
trans-1,2-Dichloroethene	<25	<25	<25	<25	<25	<25
Methyl-t-butyl ether	<25	<25	<25	<25	<25	<25
1,1-Dichloroethane	<25	<25	<25	<25	<25	<25
cis-1,2-Dichloroethene	<25	<25	<25	<25	<25	<25
Chloroform	<25	<25	<25	<25	<25	<25
1,2-Dichloroethane	<25	<25	<25	<25	<25	<25
1,1,1-Trichloroethane	<25	<25	<25	<25	<25	<25
Carbon Tetrachloride	<25	<25	<25	<25	<25	<25
Benzene	<25	<25	<25	69	39	37
Trichloroethene	28	<25	<25	<25	<25	<25
1,4-Dioxane	<25	<25	<25	<25	<25	<25
1,1,2-Trichloroethane	<25	<25	<25	<25	<25	<25
Toluene	<25	<25	<25	101	84	129
1,2-Dibromoethane (EDB)	<25	<25	<25	<25	<25	<25
Tetrachloroethene	140	60	<25	<25	<25	109
1,1,1,2-Tetrachloroethane	<25	<25	<25	<25	<25	<25
Chlorobenzene	<25	<25	<25	<25	<25	<25
Ethylbenzene	<25	<25	<25	26	<25	47
p & m-Xylene	<25	<25	84	140	99	316
1,1,2,2-Tetrachloroethane	<25	<25	<25	<25	<25	<25
o-Xylene	<25	<25	30	59	38	99
1,2,3-Trichloropropane	<25	<25	<25	<25	<25	<25
Isopropylbenzene	<25	<25	<25	<25	<25	<25
1,3,5-Trimethylbenzene	<25	<25	40	41	25	145
1,2,4-Trimethylbenzene	<25	<25	106	73	54	252
1,3-Dichlorobenzene	<25	<25	<25	<25	<25	<25
1,4-Dichlorobenzene	<25	<25	<25	<25	<25	<25
1,2-Dichlorobenzene	<25	<25	<25	<25	<25	<25
1,2,4-Trichlorobenzene	<25	<25	<25	<25	<25	<25
Naphthalene	<25	<25	<25	<25	<25	<25
1,2,3-Trichlorobenzene	<25	<25	<25	<25	<25	<25
2-Methylnaphthalene	<25	<25	<25	<25	<25	<25
TPH C ₅ -C ₉	<5,000	<5,000	<5,000	<5,000	<5,000	11,239
TPH C ₁₀ -C ₁₅	<5,000	<5,000	8,312	<5,000	<5,000	12,661

Table 1

Beacon Environmental Services, Inc.
323 Williams Street
Bel Air, MD 21014 USA

Analysis by EPA Method 8260C (Modified)

Client Sample ID:	L1-SG-11	L1-SG-11 DUP	L1-SG-12	L1-SG-13	L1-SG-14	L1-SG-15
Project Number:	2621	2622	2621	2621	2621	2621
Lab File ID:	C13011116	C13011117	C13011118	C13011119	C13011120	C13011121
Received Date:	1/11/2013	1/11/2013	1/11/2013	1/11/2013	1/11/2013	1/11/2013
Analysis Date:	1/11/2013	1/11/2013	1/11/2013	1/11/2013	1/11/2013	1/11/2013
Analysis Time:	19:15	19:37	19:58	20:19	20:40	21:02
Matrix:	Soil Gas	Soil Gas	Soil Gas	Soil Gas	Soil Gas	Soil Gas
Units:	ng	ng	ng	ng	ng	ng
COMPOUNDS						
Vinyl Chloride	<25	<25	<25	<25	<25	<25
Trichlorofluoromethane (Freon 11)	<25	<25	<25	<25	<25	<25
1,1-Dichloroethene	<25	<25	43	<25	<25	<25
Methylene Chloride	164,967	113,953	<250	149,695	<250	<250
1,1,2-Trichlorotrifluoroethane (Fr.113)	<25	<25	<25	<25	<25	<25
trans-1,2-Dichloroethene	<25	<25	57	<25	<25	<25
Methyl-t-butyl ether	<25	<25	<25	<25	<25	<25
1,1-Dichloroethane	<25	<25	<25	<25	<25	<25
cis-1,2-Dichloroethene	<25	<25	198	<25	<25	123
Chloroform	<25	<25	<25	<25	<25	147
1,2-Dichloroethane	<25	<25	<25	<25	<25	<25
1,1,1-Trichloroethane	<25	<25	<25	<25	<25	<25
Carbon Tetrachloride	<25	<25	<25	<25	<25	<25
Benzene	90	69	55	27	<25	<25
Trichloroethene	<25	<25	4,729	<25	<25	143
1,4-Dioxane	<25	<25	<25	<25	<25	<25
1,1,2-Trichloroethane	<25	<25	<25	<25	<25	<25
Toluene	135	81	64	50	<25	62
1,2-Dibromoethane (EDB)	<25	<25	<25	<25	<25	<25
Tetrachloroethene	<25	<25	15,900	<25	<25	241
1,1,1,2-Tetrachloroethane	<25	<25	<25	<25	<25	<25
Chlorobenzene	<25	<25	<25	<25	<25	<25
Ethylbenzene	85	76	<25	<25	<25	<25
p & m-Xylene	544	503	64	72	26	51
1,1,2,2-Tetrachloroethane	<25	<25	<25	<25	<25	<25
o-Xylene	123	118	<25	33	<25	<25
1,2,3-Trichloropropane	<25	<25	<25	<25	<25	<25
Isopropylbenzene	39	39	<25	<25	<25	<25
1,3,5-Trimethylbenzene	203	241	<25	32	<25	53
1,2,4-Trimethylbenzene	214	260	30	48	<25	79
1,3-Dichlorobenzene	<25	<25	<25	<25	<25	<25
1,4-Dichlorobenzene	<25	<25	<25	<25	<25	<25
1,2-Dichlorobenzene	<25	<25	<25	<25	<25	<25
1,2,4-Trichlorobenzene	<25	<25	<25	<25	<25	<25
Naphthalene	<25	<25	<25	<25	<25	2,941
1,2,3-Trichlorobenzene	<25	<25	<25	<25	<25	<25
2-Methylnaphthalene	<25	<25	<25	<25	29	516
TPH C ₅ -C ₉	<5,000	<5,000	<5,000	<5,000	<5,000	<5,000
TPH C ₁₀ -C ₁₅	15,660	15,511	<5,000	7,190	<5,000	16,701

Table 1

Beacon Environmental Services, Inc.
323 Williams Street
Bel Air, MD 21014 USA

Analysis by EPA Method 8260C (Modified)

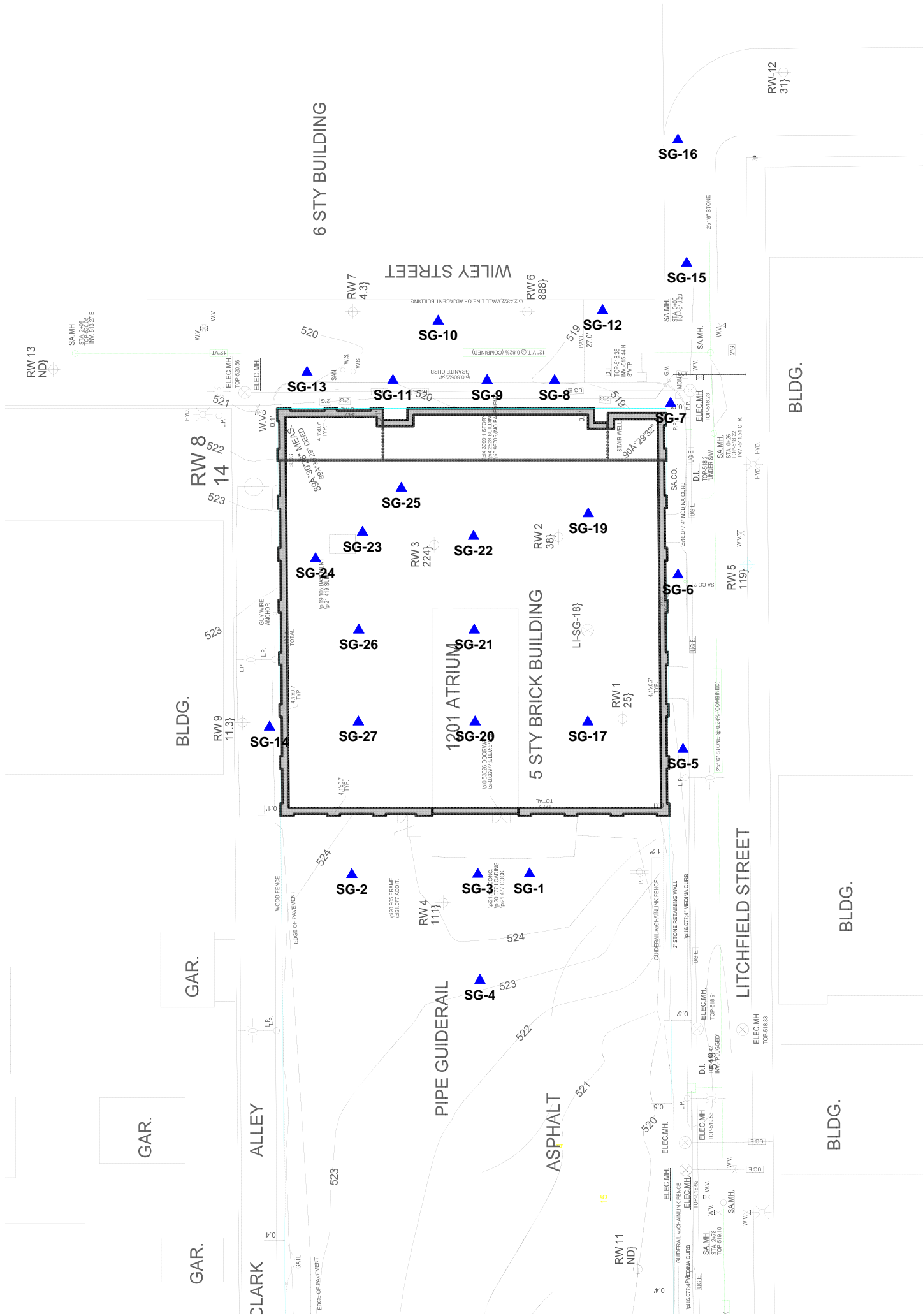
Client Sample ID:	L1-SG-16	L1-SG-17	L1-SG-19	L1-SG-20	L1-SG-20 DUP	L1-SG-21
Project Number:	2621	2621	2621	2621	2621	2622
Lab File ID:	C13011122	C13011123	C13011124	C13011125	C13011126	C13011127
Received Date:	1/11/2013	1/11/2013	1/11/2013	1/11/2013	1/11/2013	1/11/2013
Analysis Date:	1/11/2013	1/11/2013	1/11/2013	1/11/2013	1/11/2013	1/11/2013
Analysis Time:	21:23	21:44	22:05	22:27	22:48	23:10
Matrix:	Soil Gas	Soil Gas	Soil Gas	Soil Gas	Soil Gas	Soil Gas
Units:	ng	ng	ng	ng	ng	ng
COMPOUNDS						
Vinyl Chloride	<25	<25	<25	<25	<25	171
Trichlorofluoromethane (Freon 11)	<25	<25	<25	<25	<25	<25
1,1-Dichloroethene	<25	<25	<25	<25	<25	<25
Methylene Chloride	<250	<250	<250	<250	<250	<250
1,1,2-Trichlorotrifluoroethane (Fr.113)	<25	<25	<25	<25	<25	<25
trans-1,2-Dichloroethene	<25	<25	<25	<25	<25	412
Methyl-t-butyl ether	<25	<25	<25	<25	<25	<25
1,1-Dichloroethane	<25	<25	<25	<25	<25	<25
cis-1,2-Dichloroethene	59	<25	27	203	334	689
Chloroform	91	<25	<25	<25	<25	<25
1,2-Dichloroethane	<25	<25	<25	<25	<25	<25
1,1,1-Trichloroethane	<25	<25	<25	<25	<25	<25
Carbon Tetrachloride	<25	<25	<25	<25	<25	<25
Benzene	<25	28	26	70	54	53
Trichloroethene	118	226	325	54	56	1,187
1,4-Dioxane	<25	<25	<25	<25	<25	<25
1,1,2-Trichloroethane	<25	<25	<25	<25	<25	<25
Toluene	<25	34	30	96	105	31
1,2-Dibromoethane (EDB)	<25	<25	<25	<25	<25	<25
Tetrachloroethene	158	696	407	66	106	126
1,1,1,2-Tetrachloroethane	<25	<25	<25	<25	<25	<25
Chlorobenzene	<25	<25	<25	<25	<25	<25
Ethylbenzene	<25	<25	<25	3,815	4,332	139
p & m-Xylene	<25	<25	44	10,333	11,053	365
1,1,2,2-Tetrachloroethane	<25	<25	<25	<25	<25	<25
o-Xylene	<25	<25	<25	1,100	1,297	347
1,2,3-Trichloropropane	<25	<25	<25	<25	<25	<25
Isopropylbenzene	<25	<25	<25	1,043	1,374	734
1,3,5-Trimethylbenzene	<25	<25	59	17,192	12,510	5,289
1,2,4-Trimethylbenzene	<25	<25	31	17,583	14,000	5,476
1,3-Dichlorobenzene	<25	<25	<25	<25	<25	<25
1,4-Dichlorobenzene	<25	<25	<25	<25	<25	<25
1,2-Dichlorobenzene	<25	<25	<25	<25	<25	<25
1,2,4-Trichlorobenzene	<25	<25	<25	<25	<25	<25
Naphthalene	<25	<25	<25	542	772	232
1,2,3-Trichlorobenzene	<25	<25	<25	<25	<25	<25
2-Methylnaphthalene	<25	<25	<25	238	407	25
TPH C ₅ -C ₉	<5,000	5,168	80,996	98,102	74,146	148,301
TPH C ₁₀ -C ₁₅	<5,000	<5,000	40,236	587,585	510,724	347,873

Table 1

Beacon Environmental Services, Inc.
323 Williams Street
Bel Air, MD 21014 USA

Analysis by EPA Method 8260C (Modified)

Client Sample ID:	L1-SG-22	L1-SG-23	L1-SG-24	L1-SG-25	L1-SG-26	L1-SG-27
Project Number:	2621	2621	2621	2621	2621	2621
Lab File ID:	C13011128	C13011129	C13011130	C13011131	C13011132	C13011133
Received Date:	1/11/2013	1/11/2013	1/11/2013	1/11/2013	1/11/2013	1/11/2013
Analysis Date:	1/11/2013	1/11/2013	1/12/2013	1/12/2013	1/12/2013	1/12/2013
Analysis Time:	23:31	23:52	0:14	0:35	0:56	1:18
Matrix:	Soil Gas	Soil Gas	Soil Gas	Soil Gas	Soil Gas	Soil Gas
Units:	ng	ng	ng	ng	ng	ng
COMPOUNDS						
Vinyl Chloride	<25	<25	31	<25	59	97
Trichlorofluoromethane (Freon 11)	<25	<25	<25	<25	<25	<25
1,1-Dichloroethene	28	<25	<25	<25	116	51
Methylene Chloride	<250	<250	<250	<250	<250	<250
1,1,2-Trichlorotrifluoroethane (Fr.113)	<25	<25	<25	<25	<25	<25
trans-1,2-Dichloroethene	232	123	382	<25	2,648	1,030
Methyl-t-butyl ether	<25	<25	<25	<25	<25	<25
1,1-Dichloroethane	<25	<25	<25	<25	<25	<25
cis-1,2-Dichloroethene	308	347	2,667	42	10,424	9,155
Chloroform	<25	<25	<25	<25	57	57
1,2-Dichloroethane	<25	<25	<25	<25	<25	<25
1,1,1-Trichloroethane	<25	<25	<25	<25	<25	<25
Carbon Tetrachloride	<25	<25	<25	<25	<25	<25
Benzene	<25	<25	<25	<25	<25	<25
Trichloroethene	1,641	593	990	166	21,779	24,346
1,4-Dioxane	<25	<25	<25	<25	<25	<25
1,1,2-Trichloroethane	<25	<25	<25	<25	<25	<25
Toluene	<25	<25	<25	<25	<25	<25
1,2-Dibromoethane (EDB)	<25	<25	<25	<25	<25	<25
Tetrachloroethene	350	85	<25	468	534	3,009
1,1,1,2-Tetrachloroethane	<25	<25	<25	<25	<25	<25
Chlorobenzene	<25	<25	<25	<25	<25	<25
Ethylbenzene	<25	<25	<25	<25	<25	<25
p & m-Xylene	33	<25	<25	39	26	<25
1,1,2,2-Tetrachloroethane	<25	<25	<25	<25	<25	<25
o-Xylene	<25	<25	<25	<25	<25	<25
1,2,3-Trichloropropane	<25	<25	<25	<25	<25	<25
Isopropylbenzene	<25	<25	<25	<25	<25	<25
1,3,5-Trimethylbenzene	51	<25	<25	<25	<25	<25
1,2,4-Trimethylbenzene	75	<25	<25	<25	<25	<25
1,3-Dichlorobenzene	<25	<25	<25	<25	<25	<25
1,4-Dichlorobenzene	<25	<25	<25	<25	<25	<25
1,2-Dichlorobenzene	<25	<25	<25	<25	<25	<25
1,2,4-Trichlorobenzene	<25	<25	<25	<25	<25	<25
Naphthalene	<25	<25	<25	<25	<25	<25
1,2,3-Trichlorobenzene	<25	<25	<25	<25	<25	<25
2-Methylnaphthalene	<25	<25	<25	<25	<25	<25
TPH C ₅ -C ₉	6,282	<5,000	21,347	<5,000	<5,000	<5,000
TPH C ₁₀ -C ₁₅	9,645	15,657	254,895	14,277	<5,000	<5,000



LEGEND

- PASSIVE SOIL-GAS SAMPLE LOCATION
- 33 LITCHFIELD STREET BUILDING LIMITS
- LOCATIONS OF EXISTING GROUNDWATER MONITORING WELL WITH CVOCs CONCENTRATION VALUES (MICROGRAMS PER LITER)
- PROPERTY LINE
- SANITARY SEWER (SA MH=MANHOLE)

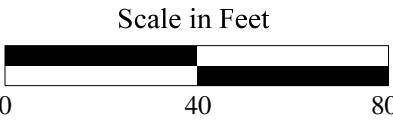
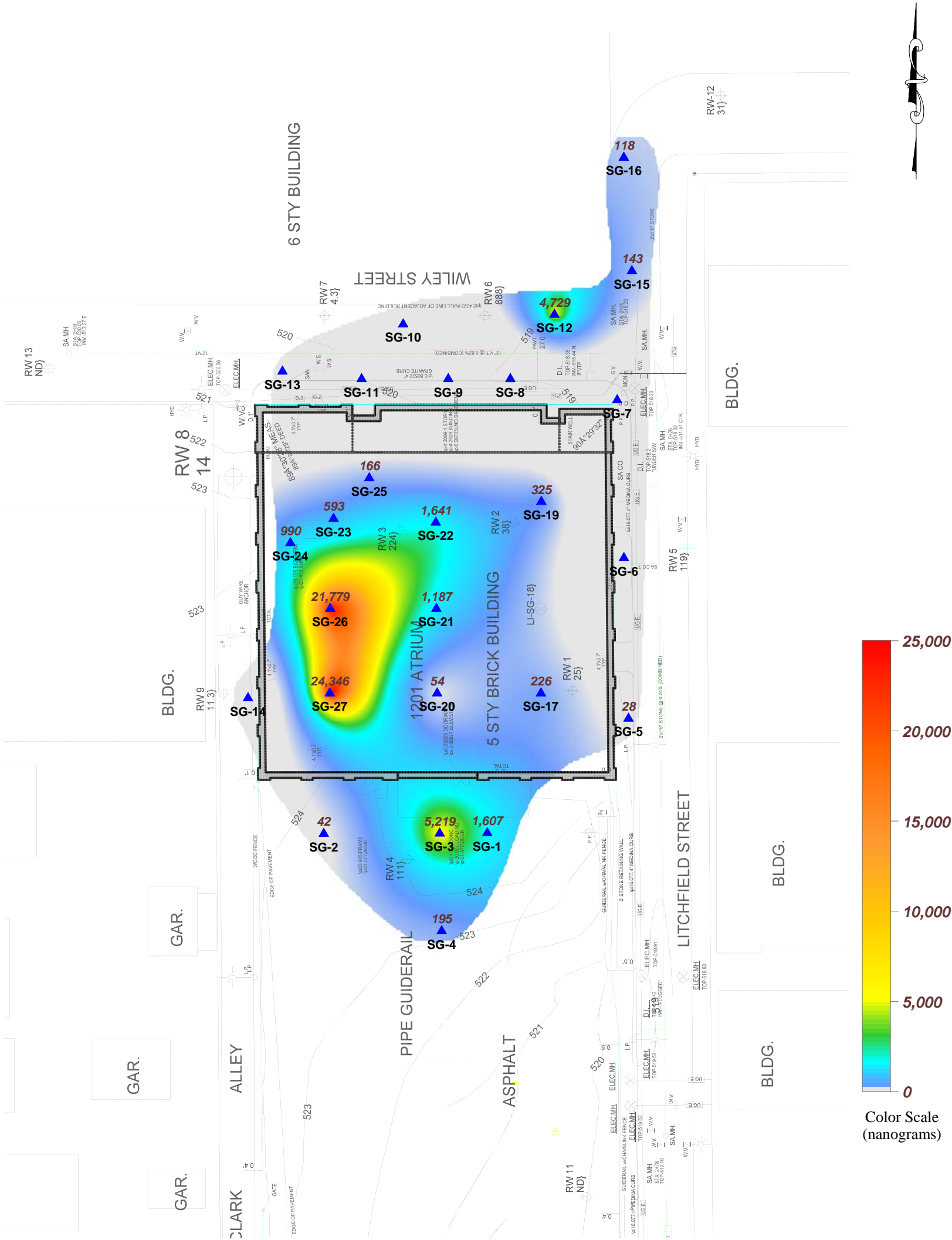


Figure 1
Passive Soil-Gas Survey
Sample Locations

Former Carriage Factory
Rochester, NY



LEGEND

- 1,000 NANOGRAMS/SAMPLER
- SG-7 PASSIVE SOIL-GAS SAMPLE LOCATION
- 33 LITCHFIELD STREET BUILDING LIMITS
- RW 2 888 ug/L LOCATIONS OF EXISTING GROUNDWATER MONITORING WELL WITH CVOCs CONCENTRATION VALUES (MICROGRAMS PER LITER)
- PROPERTY LINE
- SANITARY SEWER (SA MH=MANHOLE)

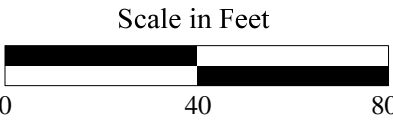
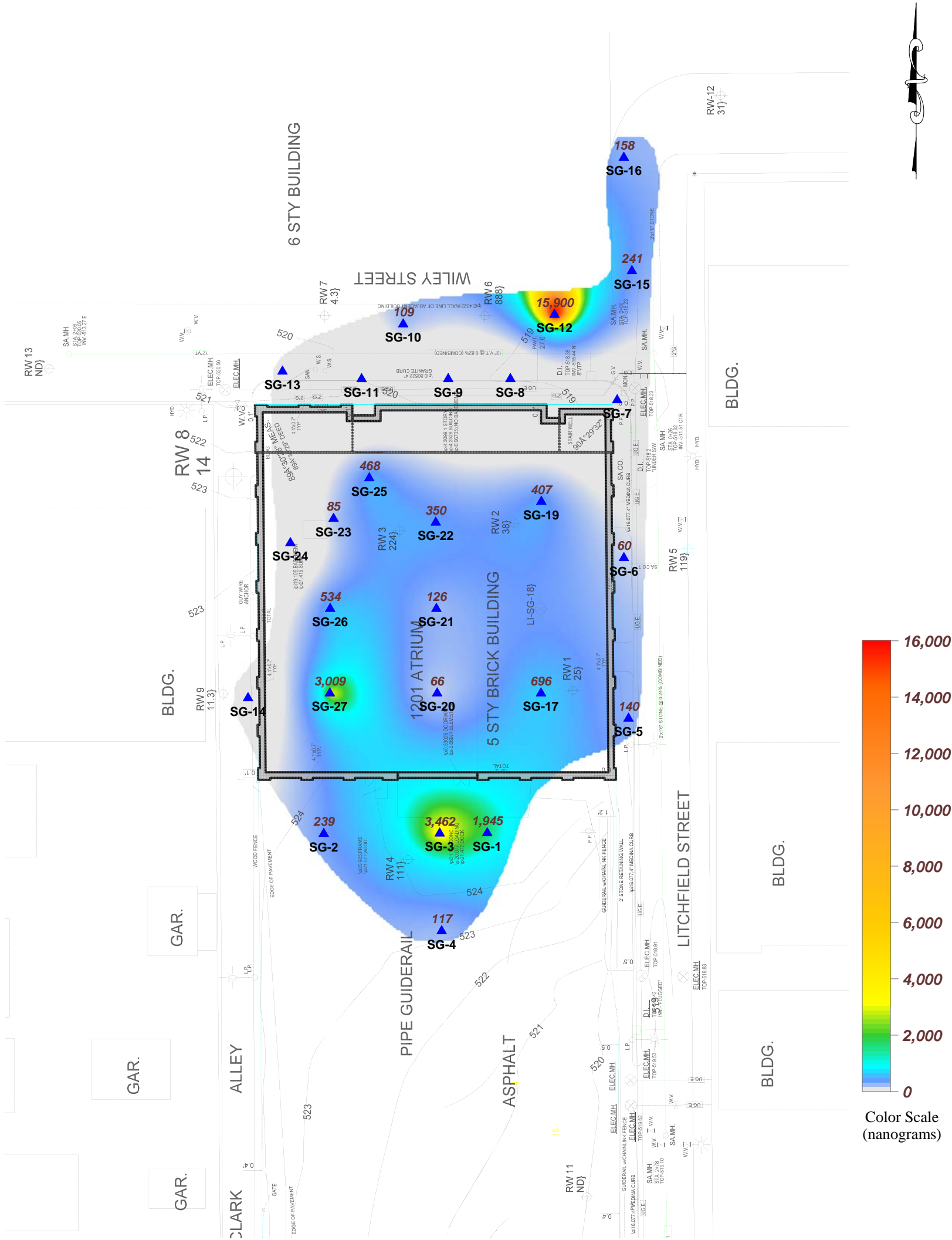


Figure 2
Passive Soil-Gas Survey
Trichloroethene
Former Carriage Factory
Rochester, NY



LEGEND

- 1,000 NANOGRAMS/SAMPLER
- SG-7 PASSIVE SOIL-GAS SAMPLE LOCATION
- 33 LITCHFIELD STREET BUILDING LIMITS
- RW 2 888 ug/L LOCATIONS OF EXISTING GROUNDWATER MONITORING WELL WITH CVOCs CONCENTRATION VALUES (MICROGRAMS PER LITER)
- PROPERTY LINE
- SANITARY SEWER (SA MH=MANHOLE)

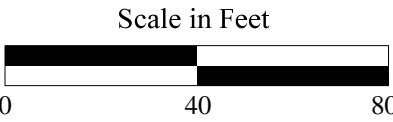
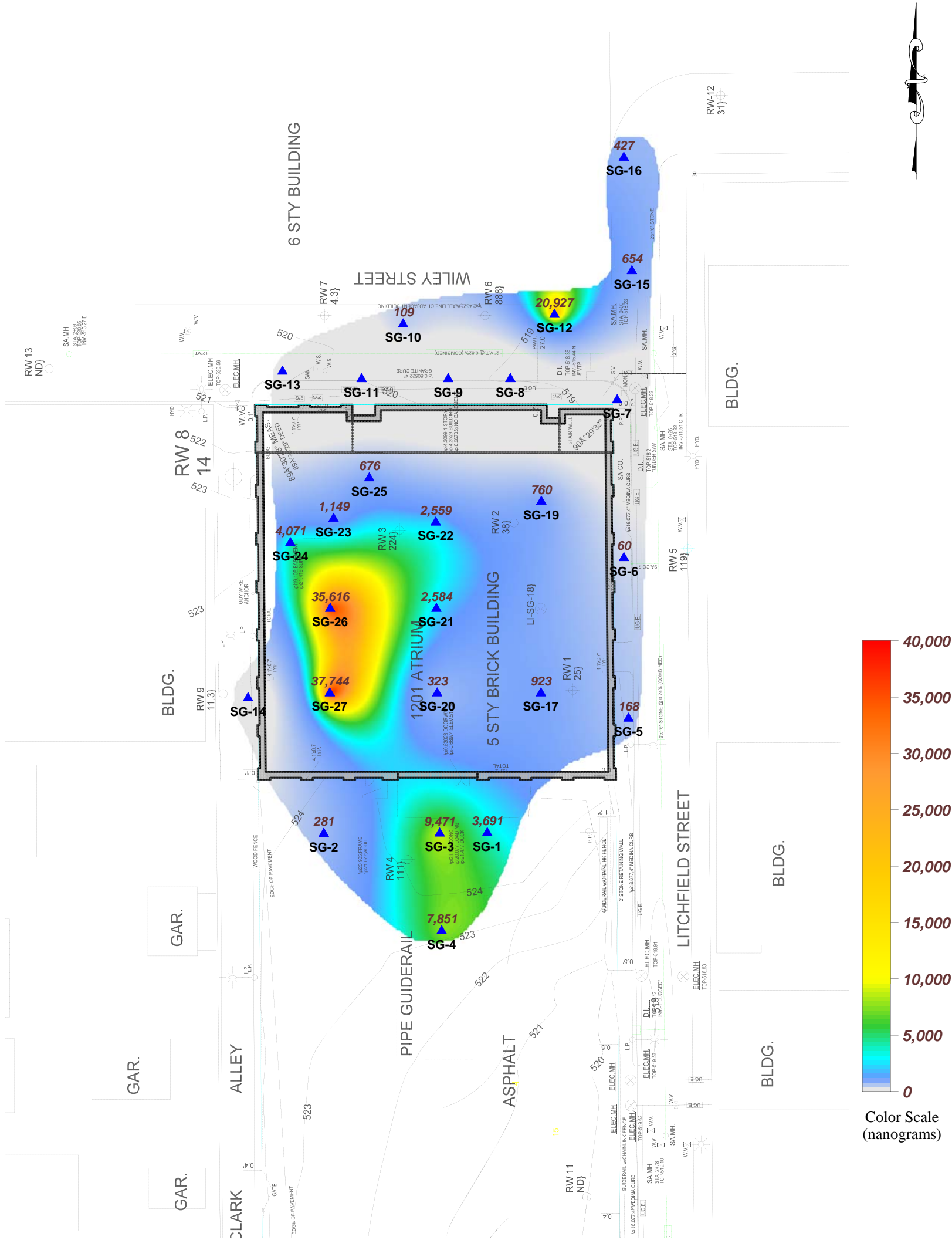


Figure 3
Passive Soil-Gas Survey
Tetrachloroethene
Former Carriage Factory
Rochester, NY



LEGEND

- 1,000 NANOGRAMS/SAMPLER
- SG-7 PASSIVE SOIL-GAS SAMPLE LOCATION
- 33 LITCHFIELD STREET BUILDING LIMITS
- RW 2 888 ug/L LOCATIONS OF EXISTING GROUNDWATER MONITORING WELL WITH CVOCs CONCENTRATION VALUES (MICROGRAMS PER LITER)
- PROPERTY LINE
- SANITARY SEWER (SA MH=MANHOLE)

* This total does not include Methylene Chloride



323 Williams Street, Bel Air, MD, 21014, USA 1-410-838-8780
Beacon Project No. 2621, January 2013

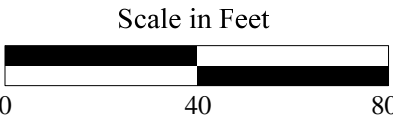
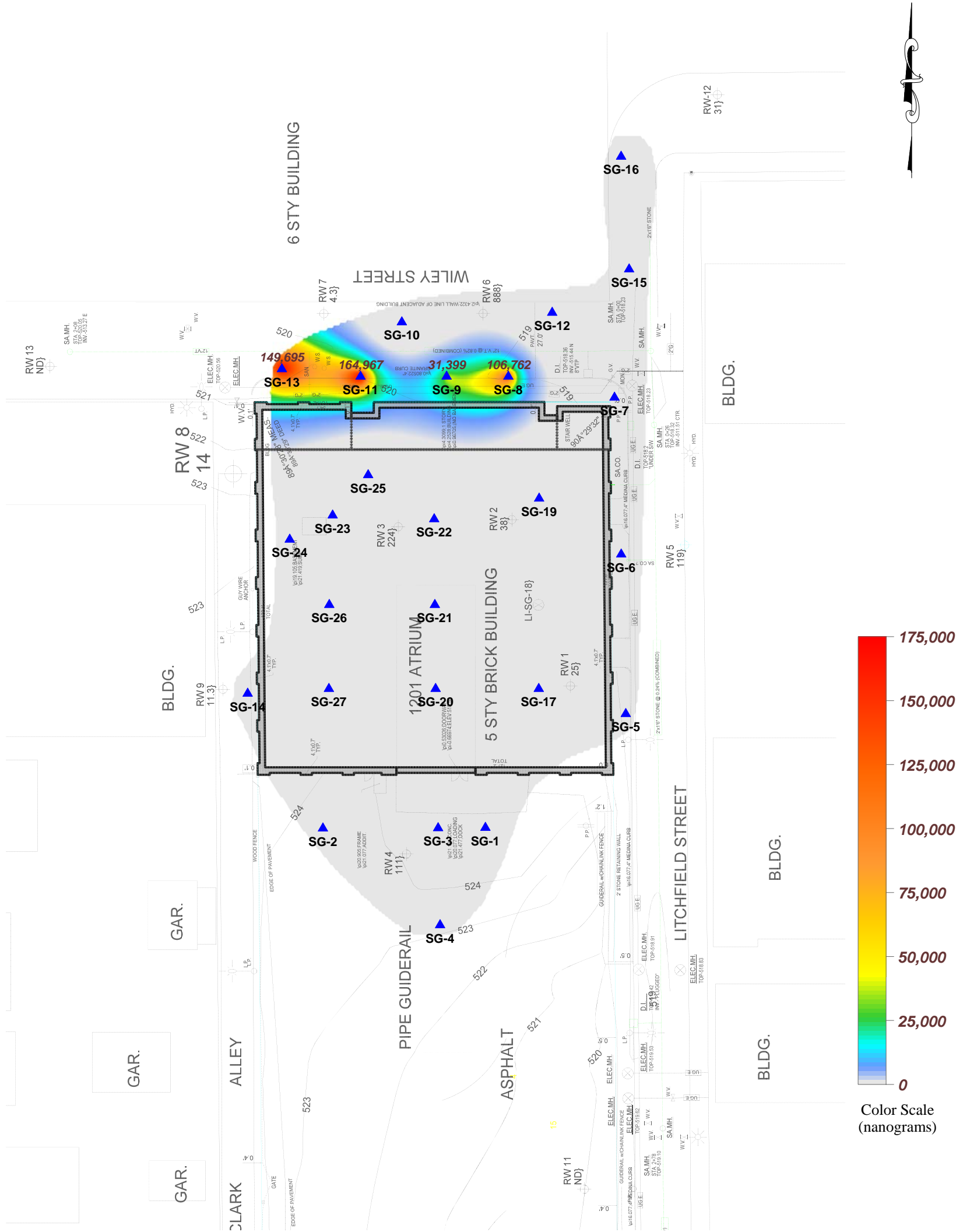


Figure 4
Passive Soil-Gas Survey
Total Chlorinated Compounds*

Former Carriage Factory
Rochester, NY



LEGEND

- 1,000 NANOGRAMS/SAMPLER
- SG-7 PASSIVE SOIL-GAS SAMPLE LOCATION
- 33 LITCHFIELD STREET BUILDING LIMITS
- RW 2 888 ug/L LOCATIONS OF EXISTING GROUNDWATER MONITORING WELL WITH CVOCs CONCENTRATION VALUES (MICROGRAMS PER LITER)
- PROPERTY LINE
- SANITARY SEWER (SA MH=MANHOLE)

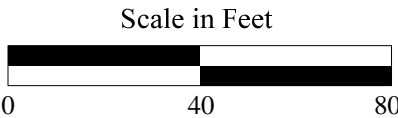
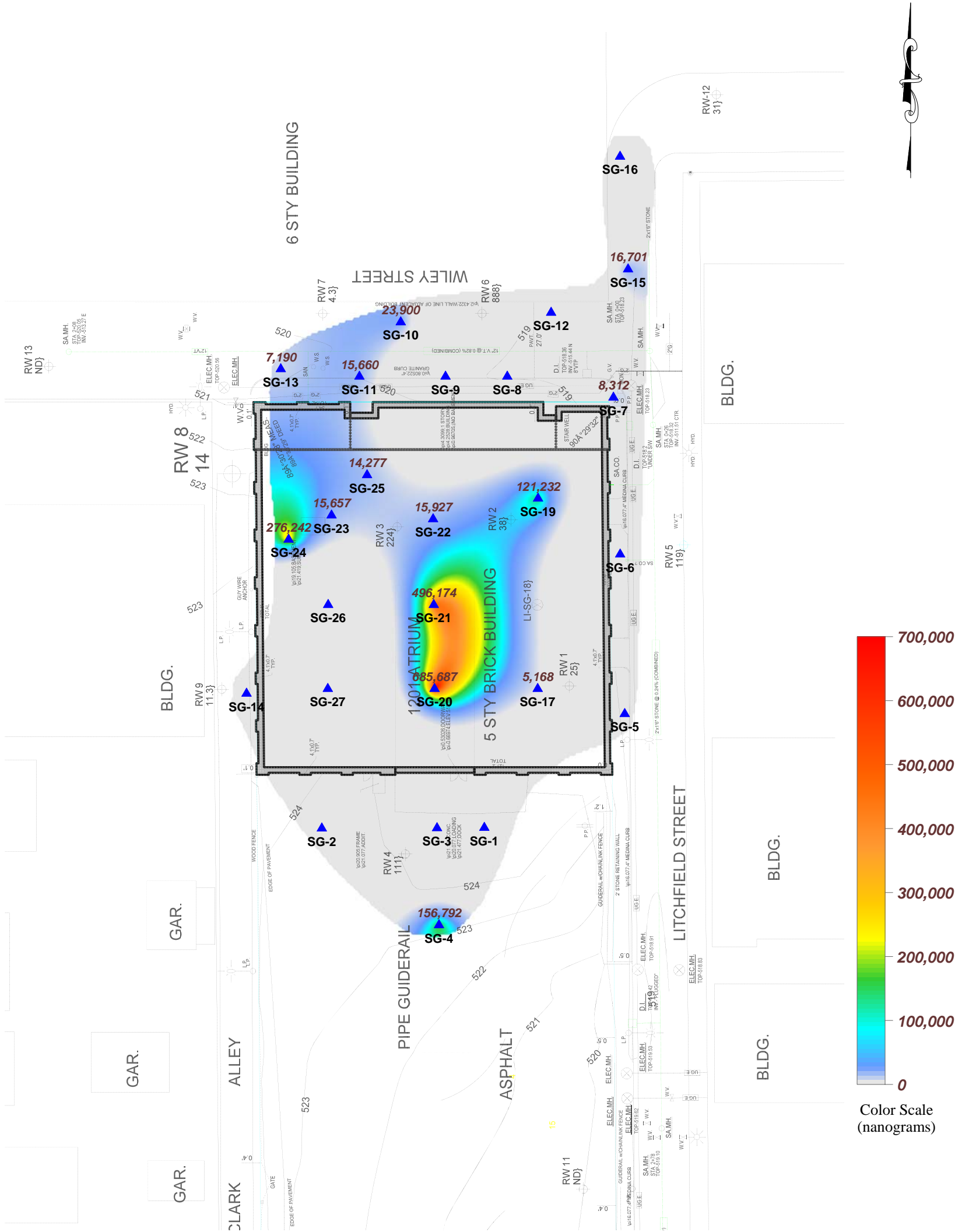


Figure 6
Passive Soil-Gas Survey
Methylene Chloride
Former Carriage Factory
Rochester, NY



LEGEND

- 1,000** NANOGRAMS/SAMPLER
- SG-7** PASSIVE SOIL-GAS SAMPLE LOCATION
- 33 LITCHFIELD STREET BUILDING LIMITS**
- RW 2 888 ug/L** LOCATIONS OF EXISTING GROUNDWATER MONITORING WELL WITH CVOCs CONCENTRATION VALUES (MICROGRAMS PER LITER)
- PROPERTY LINE**
- SANITARY SEWER (SA MH=MANHOLE)**

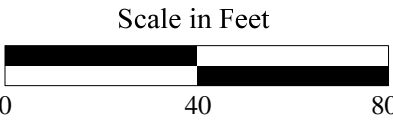


Figure 5
Passive Soil-Gas Survey
Total Petroleum Hydrocarbons

Former Carriage Factory
Rochester, NY