Arnold F. Fleming, P.E.
&
Fleming Lee Shue
Environmental Management & Consulting

Sent via electronic mail (michael.maccabe@dec.ny.gov)

June 5, 2018

Michael D. MacCabe, P.E.
Senior Environmental Engineer
Division of Environmental Remediation
NYS Department of Environmental Conservation
625 Broadway, 12th Floor
Albany, NY 12233-7016

Re: **Semi-Annual Groundwater Monitoring Report – June 2018**
388 Bridge Street Site - Brooklyn, New York
BCP Site #C224134

Dear Mr. MacCabe:

Fleming-Lee Shue Inc. (FLS) presents this Semi-Annual Groundwater Monitoring Report for the 388 Bridge Street property (Site). The groundwater monitoring program was implemented to monitor natural attenuation of volatile organic compounds (VOC) in the groundwater following the downsizing of the soil vapor extraction (SVE) system. The SVE system, installed in 2013, was downsized and modified in 2016 to target the area where the bulk of the contaminant mass remains, primarily in the area of SVE well 2 (SVE-2). Selected soil vapor extraction wells were converted to monitoring wells and included in the groundwater monitoring program. The Site Location Map is included as Figure 1.

Background

Results from subsurface investigations performed by FLS from 2008 to 2010 detected tetrachloroethene (PCE) in both soil and groundwater. The Site was accepted into the NYSDEC Brownfields Cleanup Program (BCP) in August 2009. Remedial activities were conducted in accordance with the NYSDEC-approved Remedial Action Work Plan dated April 2012. The BCP Volunteer achieved a Track 2 remedy at the Site. After completion of the remedial work, residual contamination remained on-Site. Therefore, institutional and engineering controls were incorporated into the Site remedy to control exposure to the remaining contamination.

In June 2013, the SVE system was installed to remove VOCs from soil gas beneath the building slab. The system operated from 2013 through 2016 and included six extraction points (SVE-1, SVE-2, SVE-3, SVE-4, SVE-5 and SVE-6).

In 2016, after monitoring of PCE concentrations and prior approval of NYSDEC, the 2013 SVE system was downsized to limit extraction where the bulk of the PCE mass remains (SVE-2). Each of the vapor extraction points, except for one location (SVE-2), were converted into groundwater

monitoring wells (SVE-MW-1, SVE-MW-3, SVE-MW 4, SVE-MW-5 and SVE-MW-6) to monitor natural attenuation of VOCs.

In July 2016 and with the prior approval of NYSDEC (dated July 29, 2016), SVE-MW-3 and SVE-MW-6 were abandoned because they did not extend into the groundwater table and were therefore not usable as groundwater monitoring wells. Off-Site monitoring wells, MW-3 and MW-7, were destroyed during construction activities.

Once remediation is completed, extraction well SVE-2 will be converted to a groundwater monitoring well and serve as the downgradient well. Figure 2 presents the well locations and results from the last three rounds of groundwater sampling.

Groundwater Monitoring Program

The semi-annual groundwater sampling events started in March 2016. The objectives of the groundwater monitoring program include the following:

- Provide a current round of groundwater analytical data from the monitoring wells;
- Evaluate the existing and time-based groundwater conditions at the Site; and
- Evaluate the time-based trends of VOCs.

The groundwater monitoring program involves the following activities:

- Measurement of groundwater field parameters including pH, dissolved oxygen (DO), total dissolved solids (TDS), conductivity, oxidation-reduction potential (ORP), turbidity, salinity, and temperature to determine groundwater conditions;
- Collection of groundwater samples for VOCs to evaluate chlorinated VOC concentration trends and monitor natural attenuation;
- Collection of groundwater samples for geochemical parameters including nitrate, nitrite, sulfate, iron (II), total organic carbon, and dissolved organic carbon to evaluate evidence supporting natural attenuation.

Groundwater Sampling Procedures

On March 14, 2018, groundwater samples were collected from the three on-Site monitoring wells (SVE-MW-1, SVE-MW 4, and SVE-MW-5). Groundwater samples were collected using the low-flow sampling method (EPA Low-Flow Groundwater Sampling Procedures, April 1996). Each monitoring well was purged prior to sampling using a peristaltic pump until groundwater parameters (temperature, pH, DO, conductivity, ORP, TDS, and turbidity) stabilized. Water-quality measurements were monitored using a Horiba U-52 multi-parameter water-quality meter. The monitoring well purging logs are included in Appendix A.

After the stabilization of the groundwater parameters, samples were collected via dedicated pump tubing directly into laboratory-supplied containers. After sample collection each container was labeled, placed on ice in an insulated cooler and transported under chain-of-custody protocol to SGS Accutest Laboratories of Dayton, New Jersey, a New York Environmental Laboratory

Approval Program Certified Laboratory. The groundwater samples were analyzed for Target Compounds List VOCs by EPA Method 8260B and several geochemical parameters.

Summary of Analytical Results

The groundwater analytical results, from all five sampling rounds, were compared to the NYSDEC Division of Water Technical and Operational Guidance Series 1.1.1 Ambient Water Quality Standards and Guidance Values (TOGS) and are summarized in Table 1. The laboratory data report is provided in Appendix B.

The groundwater analytical results indicate that PCE is present in concentrations that exceed the TOGS of 5 µg/L in each of the monitoring wells sampled: SVE-MW-1 (7.4 µg/L). SVE-MW-4 (28.7 µg/L), and SVE-MW-5 (21.5 µg/L). Trichloroethene (TCE) was detected at a concentration below the TOGS in all three monitoring wells. There were no other exceedances of the Site's contaminants of concern (PCE and its breakdown products, TCE and cis-1,2-dichloroethene). See the attached graphs for an overview of PCE and TCE concentrations since semi-annual groundwater monitoring began in March 2016.

In addition, analytical results indicate chloroform concentration above the TOGS in one of the monitoring wells (SVE-MW-5) and nitrogen, nitrate + nitrite concentrations above the TOGS in SVE-MW-1.

Conclusions and Recommendations

The only contaminant of concern detected above the TOGS is PCE, which was detected above TOGS in each of the three monitoring wells sampled. No other contaminants of concern (TCE and cis-1,2-dichloroethene) were detected at concentration above the TOGS. During this monitoring event, PCE concentrations in each well were higher than in previous sampling events. However, PCE concentrations continue to decline overall compared to pre-remediation concentrations.

FLS recommends continuing the groundwater monitoring on a semi-annual basis to further assess groundwater quality. The next groundwater monitoring event is scheduled for September 2018.

Please contact us with any comments or questions.

Sincerely,

Fleming-Lee Shue, Inc.

Adam Conti

Adam Conti, E.I.T.
Environmental Engineer

Mark Hutson

Mark Hutson
Director

cc:

Roger Fortune	Stahl Realty
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Table 1	Groundwater Sampling Analytical Results
Figure 1	Site Location Map
Figure 2	Site Plan and Groundwater Sampling Results
Graphs	PCE and TCE Concentration Trends
Appendix A	Monitoring Well Purge Logs
Appendix B	Laboratory Analytical Data Report

Tables

Table 1 - Groundwater Sampling Analytical Results
Semi-Annual Groundwater Report
388 Bridge Street, Brooklyn NY

Client Sample ID:	Units	NY TOGS Class GA GW Standards	SVE-MW-1					SVE-MW-4					SVE-MW-5				
Lab Sample ID:			JC17514-1	JC28127-3	JC39116-1	JC51891-1	JC62395-1	JC17514-2	JC28127-2	JC39116-2	JC51891-2	JC62395-3	JC17514-3	JC28127-1	JC39116-3	JC51891-3	JC62395-2
Date Sampled:			3/31/2016	9/20/2016	3/17/2017	9/26/2017	3/14/2018	3/31/2016	9/20/2016	3/17/2017	9/26/2017	3/14/2018	3/31/2016	9/20/2016	3/17/2017	9/26/2017	3/14/2018
Matrix:			Groundwater					Groundwater					Groundwater				
GC/MS Volatiles (SW846 8260C)																	
Acetone	ug/l	-	ND (3.3)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (3.3)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (3.3)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)
Benzene	ug/l	1	ND (0.24)	ND (0.14)	ND (0.14)	ND (0.17)	ND (0.17)	ND (0.24)	ND (0.14)	ND (0.14)	ND (0.17)	ND (0.17)	ND (0.24)	ND (0.14)	ND (0.14)	ND (0.17)	ND (0.17)
Bromochloromethane	ug/l	5	ND (0.37)	ND (0.46)	ND (0.46)	ND (0.38)	ND (0.38)	ND (0.37)	ND (0.46)	ND (0.46)	ND (0.38)	ND (0.38)	ND (0.37)	ND (0.46)	ND (0.46)	ND (0.38)	ND (0.38)
Bromodichloromethane	ug/l	-	ND (0.23)	ND (0.55)	ND (0.55)	ND (0.22)	ND (0.22)	ND (0.23)	ND (0.55)	ND (0.55)	ND (0.22)	ND (0.22)	ND (0.23)	ND (0.55)	ND (0.55)	ND (0.22)	ND (0.22)
Bromoform	ug/l	-	ND (0.23)	ND (0.34)	ND (0.34)	ND (0.42)	ND (0.42)	ND (0.23)	ND (0.34)	ND (0.34)	ND (0.42)	ND (0.42)	ND (0.23)	ND (0.34)	ND (0.34)	ND (0.42)	ND (0.42)
Bromomethane	ug/l	5	ND (0.42)	ND (0.46)	ND (0.46)	ND (1.4)	ND (1.4)	ND (0.42)	ND (0.46)	ND (0.46)	ND (1.4)	ND (1.4)	ND (0.42)	ND (0.46)	ND (0.46)	ND (1.4)	ND (1.4)
2-Butanone (MEK)	ug/l	-	ND (5.6)	ND (1.9)	ND (1.9)	ND (4.8)	ND (4.8)	ND (5.6)	ND (1.9)	ND (1.9)	ND (4.8)	ND (4.8)	ND (5.6)	ND (1.9)	ND (1.9)	ND (4.8)	ND (4.8)
Carbon disulfide	ug/l	60	ND (0.25)	ND (0.33)	ND (0.33)	ND (0.23)	ND (0.50)	ND (0.25)	ND (0.33)	ND (0.33)	ND (0.23)	ND (0.50)	ND (0.25)	ND (0.33)	ND (0.33)	ND (0.23)	ND (0.50)
Carbon tetrachloride	ug/l	5	ND (0.22)	ND (0.54)	ND (0.54)	ND (0.34)	ND (0.34)	ND (0.22)	ND (0.54)	ND (0.54)	ND (0.34)	ND (0.34)	ND (0.22)	ND (0.54)	ND (0.54)	ND (0.34)	ND (0.34)
Chlorobenzene	ug/l	5	ND (0.19)	ND (0.17)	ND (0.17)	ND (0.24)	ND (0.24)	ND (0.19)	ND (0.17)	ND (0.17)	ND (0.24)	ND (0.24)	ND (0.19)	ND (0.17)	ND (0.17)	ND (0.24)	ND (0.24)
Chloroethane	ug/l	5	ND (0.34)	ND (0.44)	ND (0.44)	ND (0.59) [a]	ND (0.59)	ND (0.34)	ND (0.44)	ND (0.44)	ND (0.44)	ND (0.59) [a]	ND (0.34)	ND (0.44)	ND (0.44)	ND (0.59) [a]	ND (0.59)
Chloroform	ug/l	7	1.7	1	1.3	ND (0.29)	1.2	0.89 J	1.3	0.93 J	3.6	**10.7**	0.79 J	0.85 J	0.71 J	**9.9**	**9.9**
Chloromethane	ug/l	5	ND (0.41)	ND (0.96)	ND (0.96)	ND (0.53) [a]	ND (0.53)	ND (0.41)	ND (0.96)	ND (0.96)	ND (0.53) [a]	ND (0.53)	ND (0.41)	ND (0.96)	ND (0.96)	ND (0.53) [a]	ND (0.53)
Cyclohexane	ug/l	-	ND (0.28)	ND (0.73)	ND (0.73)	ND (0.63)	ND (0.63)	ND (0.28)	ND (0.73)	ND (0.73)	ND (0.63)	ND (0.63)	ND (0.28)	ND (0.73)	ND (0.73)	ND (0.63)	ND (0.63)
1,2-Dibromo-3-chloropropane	ug/l	0.04	ND (0.99)	ND (0.69)	ND (0.69)	ND (0.69)	ND (0.69)	ND (0.99)	ND (0.69)	ND (0.69)	ND (0.69)	ND (0.69)	ND (0.99)	ND (0.69)	ND (0.69)	ND (0.69)	ND (0.69)
Dibromochloromethane	ug/l	-	ND (0.15)	ND (0.23)	ND (0.23)	ND (0.16)	ND (0.16)	ND (0.15)	ND (0.23)	ND (0.23)	ND (0.16)	ND (0.16)	ND (0.15)	ND (0.23)	ND (0.23)	ND (0.16)	ND (0.16)
1,2-Dibromoethane	ug/l	0.0006	ND (0.23)	ND (0.22)	ND (0.22)	ND (0.21)	ND (0.21)	ND (0.23)	ND (0.22)	ND (0.22)	ND (0.21)	ND (0.21)	ND (0.23)	ND (0.22)	ND (0.22)	ND (0.21)	ND (0.21)
1,2-Dichlorobenzene	ug/l	3	ND (0.19)	ND (0.23)	ND (0.23)	ND (0.50)	ND (0.50)	ND (0.19)	ND (0.23)	ND (0.23)	ND (0.50)	ND (0.50)	ND (0.19)	ND (0.23)	ND (0.23)	ND (0.50)	ND (0.50)
1,3-Dichlorobenzene	ug/l	3	ND (0.23)	ND (0.19)	ND (0.19)	ND (0.50)	ND (0.50)	ND (0.23)	ND (0.19)	ND (0.19)	ND (0.50)	ND (0.50)	ND (0.23)	ND (0.19)	ND (0.19)	ND (0.50)	ND (0.50)
1,4-Dichlorobenzene	ug/l	3	ND (0.27)	ND (0.21)	ND (0.21)	ND (0.50)	ND (0.50)	ND (0.27)	ND (0.21)	ND (0.21)	ND (0.50)	ND (0.50)	ND (0.27)	ND (0.21)	ND (0.21)	ND (0.50)	ND (0.50)
Dichlorodifluoromethane	ug/l	5	ND (0.90)	ND (0.70)	ND (0.70)	ND (1.9) [a]	ND (1.9)	ND (0.90)	ND (0.70)	ND (0.70)	ND (1.9) [a]	ND (1.9)	ND (0.90)	ND (0.70)	ND (0.70)	ND (1.9) [a]	ND (1.9)
1,1-Dichloroethane	ug/l	5	ND (0.17)	ND (0.21)	ND (0.21)	ND (0.21)	ND (0.21)	ND (0.17)	ND (0.21)	ND (0.21)	ND (0.21)	ND (0.21)	ND (0.17)	ND (0.21)	ND (0.21)	ND (0.21)	ND (0.21)
1,2-Dichloroethane	ug/l	0.6	ND (0.18)	ND (0.39)	ND (0.39)	ND (0.20)	ND (0.20)	ND (0.18)	ND (0.39)	ND (0.39)	ND (0.20)	ND (0.20)	ND (0.18)	ND (0.39)	ND (0.39)	ND (0.20)	ND (0.20)
1,1-Dichloroethene	ug/l	5	ND (0.51)	ND (0.20)	ND (0.20)	ND (0.47)	ND (0.47)	ND (0.51)	ND (0.20)	ND (0.20)	ND (0.47)	ND (0.47)	ND (0.51)	ND (0.20)	ND (0.20)	ND (0.47)	ND (0.47)
cis-1,2-Dichloroethene	ug/l	5	ND (0.27)	ND (0.31)	ND (0.31)	ND (0.50)	ND (0.50)	0.85 J	1.6	0.79 J	1.3	0.68 J	0.34 J	ND (0.31)	ND (0.31)	1.4	0.52 J
trans-1,2-Dichloroethene	ug/l	5	ND (0.65)	ND (0.36)	ND (0.36)	ND (0.40)	ND (0.40)	ND (0.65)	ND (0.36)	ND (0.36)	ND (0.40)	ND (0.40)	ND (0.65)	ND (0.36)	ND (0.36)	ND (0.40)	ND (0.40)
1,2-Dichloropropane	ug/l	1	ND (0.39)	ND (0.33)	ND (0.33)	ND (0.24)	ND (0.24)	ND (0.39)	ND (0.33)	ND (0.33)	ND (0.24)	ND (0.24)	ND (0.39)	ND (0.33)	ND (0.33)	ND (0.24)	ND (0.24)
cis-1,3-Dichloropropene	ug/l	-	ND (0.21)	ND (0.19)	ND (0.19)	ND (0.25)	ND (0.25)	ND (0.21)	ND (0.19)	ND (0.19)	ND (0.25)	ND (0.25)	ND (0.21)	ND (0.19)	ND (0.19)	ND (0.25)	ND (0.25)
trans-1,3-Dichloropropene	ug/l	-	ND (0.19)	ND (0.26)	ND (0.26)	ND (0.22)	ND (0.22)	ND (0.19)	ND (0.26)	ND (0.26)	ND (0.22)	ND (0.22)	ND (0.19)	ND (0.26)	ND (0.26)	ND (0.22)	ND (0.22)
1,4-Dioxane	ug/l	-	ND (41)	ND (32)	ND (32)	ND (52)	ND (52)	ND (41)	ND (32)	ND (32)	ND (52)	ND (52)	ND (41)	ND (32)	ND (32)	ND (52)	ND (52)
Ethylbenzene	ug/l	5	ND (0.27)	ND (0.20)	ND (0.20)	ND (0.22)	ND (0.22)	ND (0.27)	ND (0.20)	ND (0.20)	ND (0.22)	ND (0.22)	ND (0.27)	ND (0.20)	ND (0.20)	ND (0.22)	ND (0.22)
Freon 113	ug/l	5	ND (0.52)	ND (1.2)	ND (1.2)	ND (1.2)	ND (1.2)	ND (0.52)	ND (1.2)	ND (1.2)	ND (1.2)	ND (1.2)	ND (0.52)	ND (1.2)	ND (1.2)	ND (1.2)	ND (1.2)
2-Hexanone	ug/l	-	ND (1.7)	ND (1.5)	ND (1.5)	ND (3.3)	ND (3.3)	ND (1.7)	ND (1.5)	ND (1.5)	ND (3.3)	ND (3.3)	ND (1.7)	ND (1.5)	ND (1.5)	ND (3.3)	ND (3.3)
Isopropylbenzene	ug/l	5	ND (0.23)	ND (0.16)	ND (0.16)	ND (0.25)	ND (0.25)	ND (0.23)	ND (0.16)	ND (0.16)	ND (0.25)	ND (0.25)	ND (0.23)	ND (0.16)	ND (0.16)	ND (0.25)	ND (0.25)
Methyl Acetate	ug/l	-	ND (1.9)	ND (1.5)	ND (1.5)	ND (3.1)	ND (3.1)	ND (1.9)	ND (1.5)	ND (1.5)	ND (3.1)	ND (3.1)	ND (1.9)	ND (1.5)	ND (1.5)	ND (3.1)	ND (3.1)
Methylcyclohexane	ug/l	-	ND (0.22)	ND (0.78)	ND (0.78)	ND (1.8)	ND (1.8)	0.31 J	ND (0.78)	ND (0.78)	ND (1.8)	ND (1.8)	ND (0.22)	ND (0.78)	ND (0.78)	ND (1.8)	ND (1.8)
Methyl Tert Butyl Ether	ug/l	10	ND (0.24)	ND (0.34)	ND (0.34)	ND (0.25)	ND (0.25)	0.24 J	ND (0.34)	ND (0.34)	ND (0.25)	ND (0.25)	ND (0.24)	ND (0.34)	ND (0.34)	ND (0.25)	ND (0.25)
4-Methyl-2-pentanone(MIBK)	ug/l	-	ND (1.0)	ND (1.2)	ND (1.2)	ND (3.0)	ND (3.0)	ND (1.0)	ND (1.2)	ND (1.2)	ND (3.0)	ND (3.0)	ND (1.0)	ND (1.2)	ND (1.2)	ND (3.0)	ND (3.0)
Methylene chloride	ug/l	5	ND (0.73)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (0.73)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (0.73)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)
Styrene	ug/l	5	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.24)	ND (0.24)	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.24)	ND (0.24)	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.24)	ND (0.24)
1,1,2,2-Tetrachloroethane	ug/l	5	ND (0.21)	ND (0.39)	ND (0.39)	ND (0.17)	ND (0.17)	ND (0.21)	ND (0.39)	ND (0.39)	ND (0.17)	ND (0.17)	ND (0.21)	ND (0.39)	ND (0.39)	ND (0.17)	ND (0.17)
Tetrachloroethene	ug/l	5	**11.9**	**11.8**	**9.7**	2.4	**7.4**	**12.5**	**11.9**	**11.6**	**34.6**	**28.7**	**12.1**	**11.3**	**6.6**	**32**	**21.5**
Toluene	ug/l	5	ND (0.16)	ND (0.23)	ND (0.23)	ND (0.25)	ND (0.25)	ND (0.16)	ND (0.23)	ND (0.23)	ND (0.25)	ND (0.25)	ND (0.16)	ND (0.23)	ND (0.23)	ND (0.25)	ND (0.25)
1,2,3-Trichlorobenzene	ug/l	5	ND (0.23)	ND (0.20)	ND (0.50)	ND (0.50)	ND (0.50)	ND (0.23)	ND (0.20)	ND (0.50)	ND (0.50)	ND (0.50)	ND (0.23)	ND (0.20)	ND (0.50)	ND (0.50)	ND (0.50)
1,2,4-Trichlorobenzene	ug/l	5	ND (0.21)	ND (0.25)	ND (0.50)	ND (0.50)	ND (0.50)	ND (0.21)	ND (0.25)	ND (0.50)	ND (0.50)	ND (0.50)	ND (0.21)	ND (0.25)	ND (0.50)	ND (0.50)	ND (0.50)
1,1,1-Trichloroethane	ug/l	5	ND (0.25)	ND (0.22)	ND (0.22)	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.22)	ND (0.22)	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.22)	ND (0.22)	ND (0.25)	ND (0.25)
1,1,2-Trichloroethane	ug/l	1	ND (0.21)	ND (0.28)	ND (0.28)	ND (0.24)	ND (0.24)	ND (0.21)	ND (0.28)	ND (0.28)	ND (0.24)	ND (0.24)	ND (0.21)	ND (0.28)	ND (0.28)	ND (0.24)	ND (0.24)
Trichloroethene	ug/l	5	0.49 J	0.40 J	0.46 J	ND (0.27)	0.28 J	**7.8**	**8.8**	**7.2**	2	1.9	3.3	2.6	1.4	2.9	1.7
Trichlorofluoromethane	ug/l	5	ND (0.43)	ND (0.58)	ND (0.58)	ND (0.60)	ND (0.60)	ND (0.43)	ND (0.58)	ND (0.58)	ND (0.60)	ND (0.60)	ND (0.43)	ND (0.58)	ND (0.58)	ND (0.60)	ND (0.60)
Vinyl chloride	ug/l	2	ND (0.15)	ND (0.33)	ND (0.33)	ND (0.62) [a]	ND (0.62)	ND (0.15)	ND (0.33)	ND (0.33)	ND (0.62) [a]	ND (0.62)	ND (0.15)	ND (0.33)	ND (0.33)	ND (0.62) [a]	ND (0.62)
m,p-Xylene	ug/l	-	ND (0.38)	ND (0.42)	ND (0.42)	ND (0.43)	ND (0.43)	ND (0.38)	ND (0.42)	ND (0.42)	ND (0.43)	ND (0.43)	ND (0.38)	ND (0.42)	ND (0.42)	ND (0.43)	ND (0.43)
o-Xylene	ug/l	5	ND (0.17)	ND (0.21)	ND (0.21)	ND (0.22)	ND (0.22)	ND (0.17)	ND (0.21)	ND (0.21)	ND (0.22)	ND (0.22)	ND (0.17)	ND (0.21)	ND (0.21)	ND (0.22)	ND (0.22)
Xylene (total)	ug/l	5	ND (0.17)	ND (0.21)	ND (0.21)	ND (0.22)	ND (0.22)	ND (0.17)	ND (0.21)	ND (0.21)	ND (0.22)	ND (0.22)	ND (0.17)	ND (0.21)	ND (0.21)	ND (0.22)	ND (0.22)
General Chemistry																	
Dissolved Organic Carbon	mg/l	-	-	<1.0	-	1.5	1.2	-	<1.0	-	1.4	1.4	-	<1.0	-	1.4	<1.0
Iron, Ferrous	mg/l	-	-	<0.20	<0.20 [a]		<0.20	-	<0.20	<0.20 [a]		<0.20	-	<0.20	<0.20 [a]		<0.20
Nitrogen, Nitrate	mg/l	10	**-**	**12.2**	**10.3** [b]	**15.8** [b]	**10.6**	-	6.7	8.1 [b]	10 [b]	4.9	-	9.4	**23.2** [b]	6.3 [b]	5.7
Nitrogen, Nitrate + Nitrite	mg/l	10	**-**	**12.2**	**10.3**	**15.8**	**10.6**	-	6.7	8.1	10	4.9	-	9.4	**23.2**	6.3	5.7
Nitrogen, Nitrite	mg/l	1	-	<0.010	<0.010	ND (0.010)	<0.010	-	<0.010	<0.010	0.017	<0.010	-	<0.010	<0.010	ND (0.010)	<0.010
Sulfate	mg/l	250	-	95.7	88.3	62.7	114	-	94.4	96.6	74.7	40.9	-	75	108	39.5	40.8
Total Organic Carbon	mg/l	-	-	<1.0	1.2		1.2	-	1	1		1.6	-	<1.0	1.3		<1.0

Notes:

ND - not detected

J - estimated concentration

ND - not detected

[a] Associated CCV outside of control limits high, sample was ND

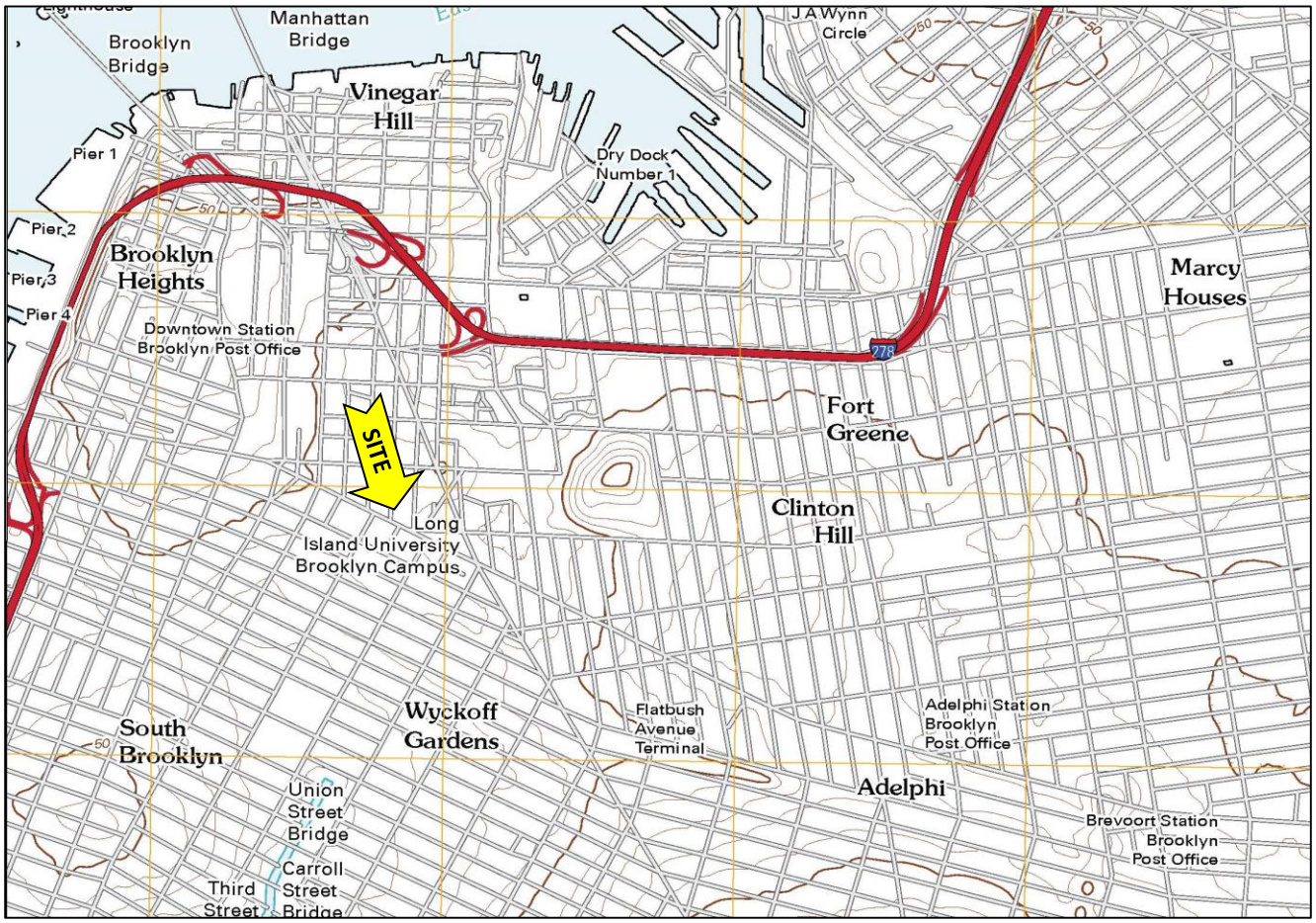
[b] Calculated as: (Nitrogen, Nitrate + Nitrite) - (Nitrogen, Nitrite)

* Groundwater filtered

Exceedances of a standard are highlighted in yellow and bolded

Detection of a compound is highlighted in blue

Figures



SCALE 1:24 000

1 0.5 0 KILOMETERS 1 2

1000 500 0 METERS 1000 2000

1 0.5 0 1

MILES

1000 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10000

FEET

CONTOUR INTERVAL 10 FEET

Obtained from United States Geological Survey topography compiled 2010

Fleming Lee Shue

Figure 1: Site Location Map

SITE: 388 Bridge Street
Brooklyn, New York

SVE-MW-4	3/17/2017	9/26/2017	3/14/2018
Tetrachloroethene	11.6	34.6	28.7
Trichloroethene	7.2	2	1.9
cis-1,2-Dichloroethene	0.79 J	1.3	0.68 J
Chloroform	0.93 J	3.6	10.7

Saint Joseph
High School

N

SVE-2

SVE-MW-4

SVE-MW-3
(Abandoned)

SVE-MW-6
(Abandoned)

MP-3

CELLAR LEVEL

SUB CELLAR
LEVEL

MP-6

SVE-MW-5

SVE-MW-1

SVE-MW-5	3/17/2017	9/26/2017	3/14/2018
Tetrachloroethene	6.6	32	21.5
Trichloroethene	1.4	2.9	1.7
cis-1,2-Dichloroethene	ND (0.31)	1.4	0.52 J
Chloroform	0.71 J	9.9	9.9

SVE-MW-1	3/17/2017	9/26/2017	3/14/2018
Tetrachloroethene	9.7	2.4	7.4
Trichloroethene	0.46 J	ND (0.27)	0.28 J
cis-1,2-Dichloroethene	ND (0.31)	ND (0.50)	ND (0.50)
Chloroform	1.3	ND (0.29)	1.2

Compound	TOGS
Tetrachloroethene	5
Trichloroethene	5
cis-1,2-Dichloroethene	5
Chloroform	7

Notes:
Concentrations in ug/L
Concentrations in excess of TOGS standards highlighted in blue
J - estimated concentration (detection limit)
ND - not detected (detection limit)

0 20 40
Scale (feet)

Bridge St.

Fleming Lee Shue
Environmental Management & Consulting
158 West 29th Street, 9th Fl.
New York, NY 10001

388 Bridge Street
Brookly, NY
BCP Site # C224134

Figure 2

Site Plan and Chlorinated VOCs in Groundwater

May 2018

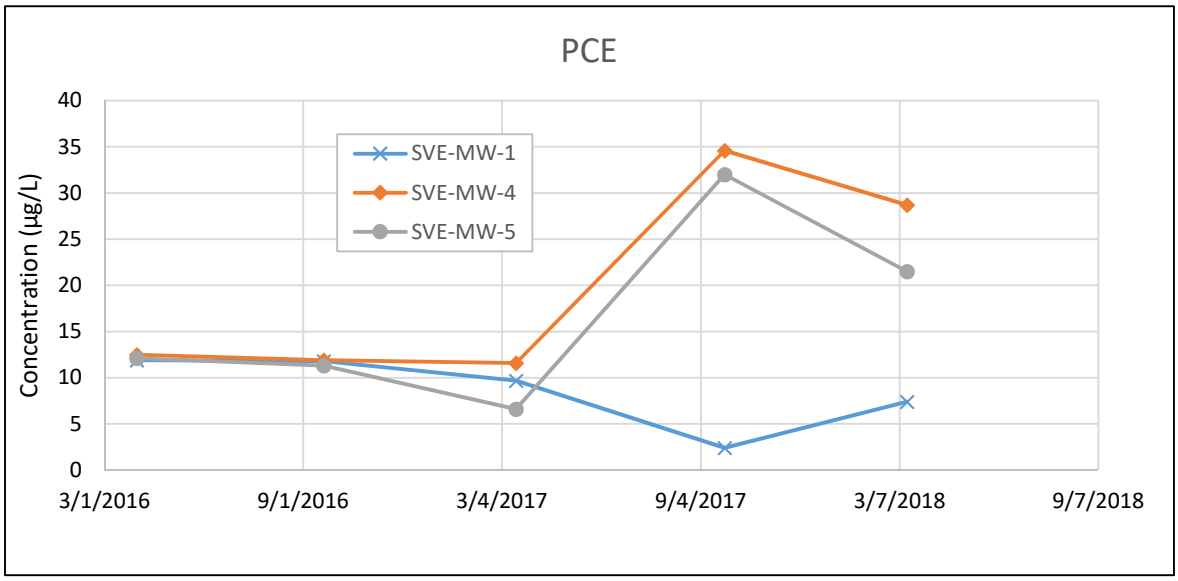
Project Number
10149-001

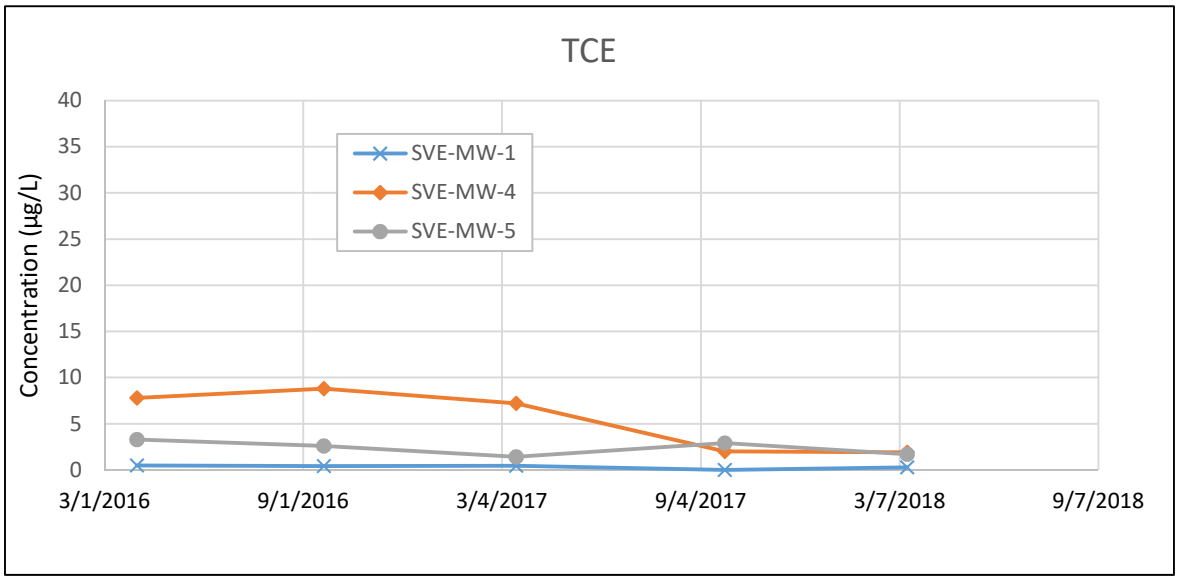
LEGEND

- Site Boundary
- Active SVE Well
- Groundwater Monitoring Well
- Vacuum Monitoring Point

Graphs

Graphs – Contaminant Concentration Trends
Semi-Annual Groundwater Report
388 Bridge Street, Brooklyn, NY





Appendix A

Monitoring Well Purge Logs

Fleming Lee Shue

Environmental Management & Consulting

158 West 29th Street, 9Fl. , New York, New York 10001

Well Purge Log
Project: Stahl Real Estate
Project Location: 388 Bridge St, Brooklyn, NY

Monitoring Well: SVE-MW-1 | Well Volume : _____ gal | Initial Depth to Water: 17.61 ft-btc

Date: 314/18 | Total Gallons Purged: 1.5 gal | Depth to Product: - ft-btc

Time Pump On: 11:29 | Average Purge Rate: _____ mL/min | Total Depth: 19.16 ft-btc

Time of Sample Collection: 12:05 | Purge Method: Peristaltic | Water Column: 1.55 ft

Time Pump Off: 12:29 | PID Reading: 0.0 ppm | Well Diameter 4 in

Time	Elapsed Time (min.)	DTW (ft-btc)	Well Volume Purged (gal)	Total Volume Purged (gal)	Temp (˚C)	pH (s.u.)	ORP (mV)	Cond (mS/cm)	Turbidity (NTUs)	D.O. (mg/L)	TDS (g/l)	Sal (%)	Odor/Color
11:30	0	-	-	-	17.42	6.97	135	0.949	784	14.98	0.607	0.05	Clear, no odor
11:35	5				17.4	7.5	149	0.951	661	13.66	0.609	0.05	Clear, no odor
11:40	10				17.33	7.78	180	0.967	291	15.57	0.619	0.05	Clear, no odor
11:45	15				17.32	7.72	191	0.976	190	15.3	0.623	0.05	Clear, no odor
11:50	2				17.32	7.63	199	0.977	180	15.27	0.625	0.05	Clear, no odor
11:55	25				17.29	7.67	204	0.989	171	15.1	0.633	0.05	Clear, no odor
12:00	30				17.3	7.67	206	0.995	182	15.05	0.637	0.05	Clear, no odor
12:05	35				17.28	7.66	208	0.997	176	15	0.639	0.05	Clear, no odor
Allowable Fluctuations:					3%	± 0.1	± 10 mV	3%	10% if > 5 NTU 3 rounds if < 5 NTU	10% if >0.5 mg/L 3 rounds if < 0.5mg/L			

Notes:

ppm = parts per million
min = minutes
DTW = depth to water
ft-btc = feet below top of casing
gal = gallons
T = temperature
˚C= degrees celsius

s.u.=standard units
ORP=oxidation reduction potential
mV=millivolts
Cond=conductivity
mS/cm= milliSiemens per centimeter
NTUs=Nephelemetric Turbidity Units
mg/L = milligrams per liter

mL/min = milliliters per minute
TDS = Total Dissolved Solids
g/L = grams per liter
Sal= Salinity
wc = water column

Well Volume (gal) = 5.8752 * D^2* WC, where D = well diameter (feet)

Well diameter	1"	2"	4"
Multiply wc by	0.041	0.163	0.653

Fleming Lee Shue

Environmental Management & Consulting

158 West 29th Street, 9Fl. , New York, New York 10001

Well Purge Log
Project: Stahl Real Estate
Project Location: 388 Bridge St, Brooklyn, NY

Monitoring Well: SVE-MW-4 | Well Volume : _____ gal | Initial Depth to Water: 17.72 ft-btc

Date: 3/14/2018 | Total Gallons Purged: 1.5 gal | Depth to Product: - ft-btc

Time Pump On: 13:50 | Average Purge Rate: _____ mL/min | Total Depth: 22.18 ft-btc

Time of Sample Collection: 14:20 | Purge Method: Peristaltic | Water Column: 4.46 ft

Time Pump Off: _____ | PID Reading: 0.0 ppm | Well Diameter 4 in

Time	Elapsed Time (min.)	DTW (ft-btc)	Well Volume Purged (gal)	Total Volume Purged (gal)	Temp (˚C)	pH (s.u.)	ORP (mV)	Cond (mS/cm)	Turbidity (NTUs)	D.O. (mg/L)	TDS (g/l)	Sal (%)	Odor/Color
13:50	0	-	-	-	17.98	7.55	213	0.596	275	6.63	0.381	0.03	No odor, clear
13:55	5				18.32	7.49	232	0.595	59.9	4.83	0.381	0.03	No odor, clear
14:00	10				18.35	7.47	233	0.595	85.1	4.72	0.381	0.03	No odor, clear
14:05	15				18.38	7.46	234	0.597	58.6	4.68	0.382	0.03	No odor, clear
14:10	20				18.42	7.43	234	0.599	14.2	4.71	0.384	0.03	No odor, clear
14:15	25				18.42	7.43	235	0.6	13.9	4.72	0.386	0.03	No odor, clear
14:20	30				18.44	7.43	235	0.6	12.6	4.72	0.387	0.03	No odor, clear
Allowable Fluctuations:					3%	± 0.1	± 10 mV	3%	10% if > 5 NTU 3 rounds if < 5 NTU	10% if >0.5 mg/L 3 rounds if < 0.5mg/L			

Notes:

ppm = parts per million
min = minutes
DTW = depth to water
ft-btc = feet below top of casing
gal = gallons
T = temperature
˚C= degrees celsius

s.u.=standard units
ORP=oxidation reduction potential
mV=millivolts
Cond=conductivity
mS/cm= milliSiemens per centimeter
NTUs=Nephelemetric Turbidity Units
mg/L = milligrams per liter

mL/min = milliliters per minute
TDS = Total Dissolved Solids
g/L = grams per liter
Sal= Salinity
wc = water column

Well Volume (gal) = 5.8752 * D^2* WC, where D = well diameter (feet)

Well diameter	1"	2"	4"
Multiply wc by	0.041	0.163	0.653

Fleming Lee Shue

Environmental Management & Consulting

158 West 29th Street, 9Fl. , New York, New York 10001

Well Purge Log
Project: Stahl Real Estate
Project Location: 388 Bridge St, Brooklyn, NY

Monitoring Well: SVE-MW-5 | Well Volume : _____ gal | Initial Depth to Water: 17.54 ft-btc

Date: 3/14/2018 | Total Gallons Purged: 0.8 gal | Depth to Product: - ft-btc

Time Pump On: 12:37 | Average Purge Rate: _____ mL/min | Total Depth: 20.49 ft-btc

Time of Sample Collection: 13:11 | Purge Method: Peristaltic | Water Column: 2.95 ft

Time Pump Off: _____ | PID Reading: 0.0 ppm | Well Diameter 4 in

Time	Elapsed Time (min.)	DTW (ft-btc)	Well Volume Purged (gal)	Total Volume Purged (gal)	Temp (˚C)	pH (s.u.)	ORP (mV)	Cond (mS/cm)	Turbidity (NTUs)	D.O. (mg/L)	TDS (g/l)	Sal (%)	Odor/Color
12:40	0	-	-	-	17.24	8.05	201	0.738	34.8	9.88	0.471	0.04	Clear, no odor
12:45	5				17.45	7.82	217	0.728	0	9.14	0.466	0.04	Clear, no odor
12:50	10				17.46	7.79	223	0.727	0.6	9.06	0.465	0.04	Clear, no odor
12:55	15				17.46	7.72	221	0.727	1.1	9	0.465	0.04	Clear, no odor
13:00	20				17.45	7.73	223	0.727	0.3	8.97	0.465	0.04	Clear, no odor
13:05	25				17.46	7.73	222	0.727	0	8.96	0.465	0.04	Clear, no odor
Allowable Fluctuations:					3%	± 0.1	± 10 mV	3%	10% if > 5 NTU 3 rounds if < 5 NTU	10% if >0.5 mg/L 3 rounds if < 0.5mg/L			

Notes:

ppm = parts per million
min = minutes
DTW = depth to water
ft-btc = feet below top of casing
gal = gallons
T = temperature
˚C= degrees celsius

s.u.=standard units
ORP=oxidation reduction potential
mV=millivolts
Cond=conductivity
mS/cm= milliSiemens per centimeter
NTUs=Nephelemetric Turbidity Units
mg/L = milligrams per liter

mL/min = milliliters per minute
TDS = Total Dissolved Solids
g/L = grams per liter
Sal= Salinity
wc = water column

Well Volume (gal) = 5.8752 * D^2* WC, where D = well diameter (feet)

Well diameter	1"	2"	4"
Multiply wc by	0.041	0.163	0.653

Appendix B

Laboratory Analytical Data Report

The results set forth herein are provided by SGS North America Inc.

e-Hardcopy 2.0
Automated Report

Technical Report for

Fleming-Lee Shue, Inc.

388 Bridge Street, Brooklyn, NY

10165-001-1 PO# FP1251

SGS Job Number: JC62395

Sampling Date: 03/14/18

Report to:

Fleming-Lee Shue, Inc.

adam@flemingleeshue.com

ATTN: Adam Conti

Total number of pages in report: 22

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable.

Nancy Cole
Laboratory Director

Client Service contact: Tammy McCloskey 732-329-0200

Certifications: NJ(12129), NY(10983), CA, CT, FL, IL, IN, KS, KY, LA, MA, MD, ME, MN, NC, OH VAP (CL0056), AK (UST-103), AZ (AZ0786), PA, RI, SC, TX, UT, VA, WV, DoD ELAP (ANAB L2248)

Sections: 1 2 3 4 5

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Sample Summary

Fleming-Lee Shue, Inc.

Job No: JC62395

388 Bridge Street, Brooklyn, NY
Project No: 10165-001-1 PO# FP1251

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
JC62395-1	03/14/18	12:29	SS	03/15/18	AQ	Ground Water	SVE-MW-1
JC62395-1F	03/14/18	12:29	SS	03/15/18	AQ	Groundwater Filtered	SVE-MW-1
JC62395-2	03/14/18	13:11	SS	03/15/18	AQ	Ground Water	SVE-MW-5
JC62395-2F	03/14/18	13:11	SS	03/15/18	AQ	Groundwater Filtered	SVE-MW-5
JC62395-3	03/14/18	14:20	SS	03/15/18	AQ	Ground Water	SVE-MW-4
JC62395-3F	03/14/18	14:20	SS	03/15/18	AQ	Groundwater Filtered	SVE-MW-4

CASE NARRATIVE / CONFORMANCE SUMMARY

Client:	Fleming-Lee Shue, Inc.	**Job No**	JC62395
Site:	388 Bridge Street, Brooklyn, NY	**Report Date**	3/29/2018 6:01:16 PM

On 03/15/2018, 3 Sample(s), 0 Trip Blank(s) and 0 Field Blank(s) were received at SGS North America Inc. at a maximum corrected temperature of 4.9 C. Samples were intact and chemically preserved, unless noted below. A SGS North America Inc. Job Number of JC62395 was assigned to the project. Laboratory sample ID, client sample ID and dates of sample collection are detailed in the report's Results Summary Section.

Specified quality control criteria were achieved for this job except as noted below. For more information, please refer to the analytical results and QC summary pages.

Compounds qualified as out of range in the continuing calibration summary report are acceptable as per method requirements when there is a high bias but the sample result is non-detect.

MS Volatiles By Method SW846 8260C

Matrix: AQ **Batch ID:** V2B7083

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JC62401-8MS, JC62401-8MSD were used as the QC samples indicated.
- Blank Spike Recovery(s) for 1,2-Dibromo-3-chloropropane are outside control limits. High percent recoveries and no associated positive reported in the QC batch.
- Matrix Spike Duplicate Recovery(s) for Benzene, Ethylbenzene are outside control limits. Outside control limits due to high level in sample relative to spike amount.
- JC62395-3 for 1,2-Dibromo-3-chloropropane: Associated CCV outside of control limits high, sample was ND. This compound in BS is outside in house QC limits bias high.Associated CCV outside of control limits high, sample was ND.
- JC62395-2 for Bromoform: Associated CCV outside of control limits high, sample was ND.
- JC62395-1 for 1,2-Dibromo-3-chloropropane: Associated CCV outside of control limits high, sample was ND. This compound in BS is outside in house QC limits bias high.
- JC62395-1 for Bromoform: Associated CCV outside of control limits high, sample was ND.
- JC62395-3 for Bromoform: Associated CCV outside of control limits high, sample was ND.
- JC62395-2 for 1,2-Dibromo-3-chloropropane: Associated CCV outside of control limits high, sample was ND. This compound in BS is outside in house QC limits bias high.Associated CCV outside of control limits high, sample was ND.

General Chemistry By Method EPA 300/SW846 9056A

Matrix: AQ **Batch ID:** GP11845

- All samples were prepared within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JC62415-2DUP, JC62415-2MS were used as the QC samples for Sulfate.

General Chemistry By Method EPA 353.2/LACHAT

Matrix: AQ **Batch ID:** GP12047

- All samples were prepared within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JC62365-3DUP, JC62365-3MS were used as the QC samples for Nitrogen, Nitrate + Nitrite.
- Matrix Spike Recovery(s) for Nitrogen, Nitrate + Nitrite are outside control limits. Spike amount low relative to the sample amount. Refer to lab control or spike blank for recovery information.

General Chemistry By Method EPA353.2/SM4500NO2B

Matrix: AQ	Batch ID: R168809

- The data for EPA353.2/SM4500NO2B meets quality control requirements.
- JC62395-1 for Nitrogen, Nitrate: Calculated as: (Nitrogen, Nitrate + Nitrite) - (Nitrogen, Nitrite)

Matrix: AQ	Batch ID: R168810

- The data for EPA353.2/SM4500NO2B meets quality control requirements.
- JC62395-2 for Nitrogen, Nitrate: Calculated as: (Nitrogen, Nitrate + Nitrite) - (Nitrogen, Nitrite)

Matrix: AQ	Batch ID: R168811

- The data for EPA353.2/SM4500NO2B meets quality control requirements.
- JC62395-3 for Nitrogen, Nitrate: Calculated as: (Nitrogen, Nitrate + Nitrite) - (Nitrogen, Nitrite)

General Chemistry By Method SM3500FE B-11

Matrix: AQ	Batch ID: GN77475

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JC62307-1DUP, JC62307-1MS, JC62307-1MSD were used as the QC samples for Iron, Ferrous.
- JC62395-1 for Iron, Ferrous: Field analysis required. Received out of hold time and analyzed by request.
- JC62395-2 for Iron, Ferrous: Field analysis required. Received out of hold time and analyzed by request.
- JC62395-3 for Iron, Ferrous: Field analysis required. Received out of hold time and analyzed by request.

General Chemistry By Method SM4500NO2 B-11

Matrix: AQ	Batch ID: GN77464

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JC62365-2DUP, JC62365-2MS were used as the QC samples for Nitrogen, Nitrite.

General Chemistry By Method SM5310 B-11

Matrix: AQ	Batch ID: GP11967

- All samples were prepared within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JC62395-2MS, JC62395-2MSD were used as the QC samples for Total Organic Carbon.

Matrix: AQ	Batch ID: GP11993

- All samples were prepared within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JC62395-2FMS, JC62395-2FMSD were used as the QC samples for Dissolved Organic Carbon.

SGS North America Inc. certifies that data reported for samples received, listed on the associated custody chain or analytical task order, were produced to specifications meeting the Quality System precision, accuracy and completeness objectives except as noted.

Estimated non-standard method measurement uncertainty data is available on request, based on quality control bias and implicit for standard methods. Acceptable uncertainty requires tested parameter quality control data to meet method criteria.

SGS North America Inc. is not responsible for data quality assumptions if partial reports are used and recommends that this report be used in its entirety. Data release is authorized by SGS North America Inc indicated via signature on the report cover

Summary of Hits

Job Number: JC62395
Account: Fleming-Lee Shue, Inc.
Project: 388 Bridge Street, Brooklyn, NY
Collected: 03/14/18

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
JC62395-1	**SVE-MW-1**					
Chloroform		1.2	1.0	0.29	ug/l	SW846 8260C
Tetrachloroethene		7.4	1.0	0.50	ug/l	SW846 8260C
Trichloroethene		0.28 J	1.0	0.27	ug/l	SW846 8260C
Nitrogen, Nitrate [a]		10.6	0.31		mg/l	EPA353.2/SM4500NO2B
Nitrogen, Nitrate + Nitrite		10.6	0.30		mg/l	EPA 353.2/LACHAT
Sulfate		114	2.0		mg/l	EPA 300/SW846 9056A
Total Organic Carbon		1.2	1.0		mg/l	SM5310 B-11
JC62395-1F	**SVE-MW-1**					
Dissolved Organic Carbon		1.2	1.0		mg/l	SM5310 B-11
JC62395-2	**SVE-MW-5**					
Chloroform		9.9	1.0	0.29	ug/l	SW846 8260C
cis-1,2-Dichloroethene		0.52 J	1.0	0.50	ug/l	SW846 8260C
Tetrachloroethene		21.5	1.0	0.50	ug/l	SW846 8260C
Trichloroethene		1.7	1.0	0.27	ug/l	SW846 8260C
Nitrogen, Nitrate [a]		5.7	0.21		mg/l	EPA353.2/SM4500NO2B
Nitrogen, Nitrate + Nitrite		5.7	0.20		mg/l	EPA 353.2/LACHAT
Sulfate		40.8	2.0		mg/l	EPA 300/SW846 9056A
JC62395-2F	**SVE-MW-5**					
No hits reported in this sample.						
JC62395-3	**SVE-MW-4**					
Chloroform		10.7	1.0	0.29	ug/l	SW846 8260C
cis-1,2-Dichloroethene		0.68 J	1.0	0.50	ug/l	SW846 8260C
Tetrachloroethene		28.7	1.0	0.50	ug/l	SW846 8260C
Trichloroethene		1.9	1.0	0.27	ug/l	SW846 8260C
Nitrogen, Nitrate [a]		4.9	0.11		mg/l	EPA353.2/SM4500NO2B
Nitrogen, Nitrate + Nitrite		4.9	0.10		mg/l	EPA 353.2/LACHAT
Sulfate		40.9	2.0		mg/l	EPA 300/SW846 9056A
Total Organic Carbon		1.6	1.0		mg/l	SM5310 B-11
JC62395-3F	**SVE-MW-4**					
Dissolved Organic Carbon		1.4	1.0		mg/l	SM5310 B-11

(a) Calculated as: (Nitrogen, Nitrate + Nitrite) - (Nitrogen, Nitrite)

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	SVE-MW-1		
Lab Sample ID:	JC62395-1	**Date Sampled:**	03/14/18
Matrix:	AQ - Ground Water	**Date Received:**	03/15/18
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	388 Bridge Street, Brooklyn, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2B159138.D	1	03/24/18 00:40	SS	n/a	n/a	V2B7083
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	5.0	ug/l	
71-43-2	Benzene	ND	0.50	0.17	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.38	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.22	ug/l	
75-25-2	Bromoform [a]	ND	1.0	0.42	ug/l	
74-83-9	Bromomethane	ND	2.0	1.4	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	4.8	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.50	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.34	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.24	ug/l	
75-00-3	Chloroethane	ND	1.0	0.59	ug/l	
67-66-3	Chloroform	1.2	1.0	0.29	ug/l	
74-87-3	Chloromethane	ND	1.0	0.53	ug/l	
110-82-7	Cyclohexane	ND	5.0	0.63	ug/l	
96-12-8	1,2-Dibromo-3-chloropropan [b]	ND	2.0	0.69	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.16	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.21	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.50	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.50	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	1.9	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.21	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.20	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.47	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.50	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.40	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.24	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.25	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.22	ug/l	
123-91-1	1,4-Dioxane	ND	130	52	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.22	ug/l	
76-13-1	Freon 113	ND	5.0	1.2	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SVE-MW-1		
Lab Sample ID:	JC62395-1	**Date Sampled:**	03/14/18
Matrix:	AQ - Ground Water	**Date Received:**	03/15/18
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	388 Bridge Street, Brooklyn, NY		

VOA TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
591-78-6	2-Hexanone	ND	5.0	3.3	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.25	ug/l	
79-20-9	Methyl Acetate	ND	5.0	3.1	ug/l	
108-87-2	Methylcyclohexane	ND	5.0	1.8	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.25	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	3.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.24	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.17	ug/l	
127-18-4	Tetrachloroethene	7.4	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.25	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.24	ug/l	
79-01-6	Trichloroethene	0.28	1.0	0.27	ug/l	J
75-69-4	Trichlorofluoromethane	ND	2.0	0.60	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.62	ug/l	
	m,p-Xylene	ND	1.0	0.43	ug/l	
95-47-6	o-Xylene	ND	1.0	0.22	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.22	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	97%		80-120%
17060-07-0	1,2-Dichloroethane-D4	117%		81-124%
2037-26-5	Toluene-D8	92%		80-120%
460-00-4	4-Bromofluorobenzene	93%		80-120%

(a) Associated CCV outside of control limits high, sample was ND.
(b) Associated CCV outside of control limits high, sample was ND. This compound in BS is outside in house QC limits bias high.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SVE-MW-1		
Lab Sample ID:	JC62395-1	**Date Sampled:**	03/14/18
Matrix:	AQ - Ground Water	**Date Received:**	03/15/18
		Percent Solids:	n/a
Project:	388 Bridge Street, Brooklyn, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Iron, Ferrous [a]	< 0.20	0.20	mg/l	1	03/15/18 21:45	LS	SM3500FE B-11
Nitrogen, Nitrate [b]	10.6	0.31	mg/l	1	03/29/18 14:00	BM	EPA353.2/SM4500NO2B
Nitrogen, Nitrate + Nitrite	10.6	0.30	mg/l	3	03/29/18 14:00	BM	EPA 353.2/LACHAT
Nitrogen, Nitrite	< 0.010	0.010	mg/l	1	03/15/18 19:35	LS	SM4500NO2 B-11
Sulfate	114	2.0	mg/l	1	03/21/18 10:53	NV	EPA 300/SW846 9056A
Total Organic Carbon	1.2	1.0	mg/l	1	03/27/18 00:42	CD	SM5310 B-11

(a) Field analysis required. Received out of hold time and analyzed by request.
(b) Calculated as: (Nitrogen, Nitrate + Nitrite) - (Nitrogen, Nitrite)

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SVE-MW-1		
Lab Sample ID:	JC62395-1F	**Date Sampled:**	03/14/18
Matrix:	AQ - Groundwater Filtered	**Date Received:**	03/15/18
		Percent Solids:	n/a
Project:	388 Bridge Street, Brooklyn, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Dissolved Organic Carbon	1.2	1.0	mg/l	1	03/27/18 19:21	CD	SM5310 B-11

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SVE-MW-5		
Lab Sample ID:	JC62395-2	**Date Sampled:**	03/14/18
Matrix:	AQ - Ground Water	**Date Received:**	03/15/18
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	388 Bridge Street, Brooklyn, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2B159139.D	1	03/24/18 01:10	SS	n/a	n/a	V2B7083
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	5.0	ug/l	
71-43-2	Benzene	ND	0.50	0.17	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.38	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.22	ug/l	
75-25-2	Bromoform [a]	ND	1.0	0.42	ug/l	
74-83-9	Bromomethane	ND	2.0	1.4	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	4.8	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.50	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.34	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.24	ug/l	
75-00-3	Chloroethane	ND	1.0	0.59	ug/l	
67-66-3	Chloroform	9.9	1.0	0.29	ug/l	
74-87-3	Chloromethane	ND	1.0	0.53	ug/l	
110-82-7	Cyclohexane	ND	5.0	0.63	ug/l	
96-12-8	1,2-Dibromo-3-chloropropan [b]	ND	2.0	0.69	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.16	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.21	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.50	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.50	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	1.9	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.21	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.20	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.47	ug/l	
156-59-2	cis-1,2-Dichloroethene	0.52	1.0	0.50	ug/l	J
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.40	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.24	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.25	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.22	ug/l	
123-91-1	1,4-Dioxane	ND	130	52	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.22	ug/l	
76-13-1	Freon 113	ND	5.0	1.2	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SVE-MW-5		
Lab Sample ID:	JC62395-2	**Date Sampled:**	03/14/18
Matrix:	AQ - Ground Water	**Date Received:**	03/15/18
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	388 Bridge Street, Brooklyn, NY		

VOA TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
591-78-6	2-Hexanone	ND	5.0	3.3	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.25	ug/l	
79-20-9	Methyl Acetate	ND	5.0	3.1	ug/l	
108-87-2	Methylcyclohexane	ND	5.0	1.8	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.25	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	3.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.24	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.17	ug/l	
127-18-4	Tetrachloroethene	21.5	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.25	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.24	ug/l	
79-01-6	Trichloroethene	1.7	1.0	0.27	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.60	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.62	ug/l	
	m,p-Xylene	ND	1.0	0.43	ug/l	
95-47-6	o-Xylene	ND	1.0	0.22	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.22	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	97%		80-120%
17060-07-0	1,2-Dichloroethane-D4	117%		81-124%
2037-26-5	Toluene-D8	93%		80-120%
460-00-4	4-Bromofluorobenzene	94%		80-120%

(a) Associated CCV outside of control limits high, sample was ND.
(b) Associated CCV outside of control limits high, sample was ND. This compound in BS is outside in house QC limits bias high.Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SVE-MW-5		
Lab Sample ID:	JC62395-2	**Date Sampled:**	03/14/18
Matrix:	AQ - Ground Water	**Date Received:**	03/15/18
		Percent Solids:	n/a
Project:	388 Bridge Street, Brooklyn, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Iron, Ferrous [a]	< 0.20	0.20	mg/l	1	03/15/18 21:45	LS	SM3500FE B-11
Nitrogen, Nitrate [b]	5.7	0.21	mg/l	1	03/29/18 14:05	BM	EPA353.2/SM4500NO2B
Nitrogen, Nitrate + Nitrite	5.7	0.20	mg/l	2	03/29/18 14:05	BM	EPA 353.2/LACHAT
Nitrogen, Nitrite	< 0.010	0.010	mg/l	1	03/15/18 19:41	LS	SM4500NO2 B-11
Sulfate	40.8	2.0	mg/l	1	03/21/18 11:17	NV	EPA 300/SW846 9056A
Total Organic Carbon	< 1.0	1.0	mg/l	1	03/27/18 01:16	CD	SM5310 B-11

(a) Field analysis required. Received out of hold time and analyzed by request.
(b) Calculated as: (Nitrogen, Nitrate + Nitrite) - (Nitrogen, Nitrite)

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SVE-MW-5		
Lab Sample ID:	JC62395-2F	**Date Sampled:**	03/14/18
Matrix:	AQ - Groundwater Filtered	**Date Received:**	03/15/18
		Percent Solids:	n/a
Project:	388 Bridge Street, Brooklyn, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Dissolved Organic Carbon	< 1.0	1.0	mg/l	1	03/27/18 19:39	CD	SM5310 B-11

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SVE-MW-4		
Lab Sample ID:	JC62395-3	**Date Sampled:**	03/14/18
Matrix:	AQ - Ground Water	**Date Received:**	03/15/18
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	388 Bridge Street, Brooklyn, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2B159143.D	1	03/24/18 03:11	SS	n/a	n/a	V2B7083
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	5.0	ug/l	
71-43-2	Benzene	ND	0.50	0.17	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.38	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.22	ug/l	
75-25-2	Bromoform [a]	ND	1.0	0.42	ug/l	
74-83-9	Bromomethane	ND	2.0	1.4	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	4.8	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.50	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.34	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.24	ug/l	
75-00-3	Chloroethane	ND	1.0	0.59	ug/l	
67-66-3	Chloroform	10.7	1.0	0.29	ug/l	
74-87-3	Chloromethane	ND	1.0	0.53	ug/l	
110-82-7	Cyclohexane	ND	5.0	0.63	ug/l	
96-12-8	1,2-Dibromo-3-chloropropan [b]	ND	2.0	0.69	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.16	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.21	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.50	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.50	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	1.9	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.21	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.20	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.47	ug/l	
156-59-2	cis-1,2-Dichloroethene	0.68	1.0	0.50	ug/l	J
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.40	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.24	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.25	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.22	ug/l	
123-91-1	1,4-Dioxane	ND	130	52	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.22	ug/l	
76-13-1	Freon 113	ND	5.0	1.2	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SVE-MW-4		
Lab Sample ID:	JC62395-3	**Date Sampled:**	03/14/18
Matrix:	AQ - Ground Water	**Date Received:**	03/15/18
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	388 Bridge Street, Brooklyn, NY		

VOA TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
591-78-6	2-Hexanone	ND	5.0	3.3	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.25	ug/l	
79-20-9	Methyl Acetate	ND	5.0	3.1	ug/l	
108-87-2	Methylcyclohexane	ND	5.0	1.8	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.25	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	3.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.24	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.17	ug/l	
127-18-4	Tetrachloroethene	28.7	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.25	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.24	ug/l	
79-01-6	Trichloroethene	1.9	1.0	0.27	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.60	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.62	ug/l	
	m,p-Xylene	ND	1.0	0.43	ug/l	
95-47-6	o-Xylene	ND	1.0	0.22	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.22	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	95%		80-120%
17060-07-0	1,2-Dichloroethane-D4	114%		81-124%
2037-26-5	Toluene-D8	93%		80-120%
460-00-4	4-Bromofluorobenzene	94%		80-120%

(a) Associated CCV outside of control limits high, sample was ND.
(b) Associated CCV outside of control limits high, sample was ND. This compound in BS is outside in house QC limits bias high.Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SVE-MW-4		
Lab Sample ID:	JC62395-3	**Date Sampled:**	03/14/18
Matrix:	AQ - Ground Water	**Date Received:**	03/15/18
		Percent Solids:	n/a
Project:	388 Bridge Street, Brooklyn, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Iron, Ferrous [a]	< 0.20	0.20	mg/l	1	03/15/18 21:45	LS	SM3500FE B-11
Nitrogen, Nitrate [b]	4.9	0.11	mg/l	1	03/29/18 12:25	BM	EPA353.2/SM4500NO2B
Nitrogen, Nitrate + Nitrite	4.9	0.10	mg/l	1	03/29/18 12:25	BM	EPA 353.2/LACHAT
Nitrogen, Nitrite	< 0.010	0.010	mg/l	1	03/15/18 19:41	LS	SM4500NO2 B-11
Sulfate	40.9	2.0	mg/l	1	03/21/18 11:41	NV	EPA 300/SW846 9056A
Total Organic Carbon	1.6	1.0	mg/l	1	03/27/18 01:49	CD	SM5310 B-11

(a) Field analysis required. Received out of hold time and analyzed by request.
(b) Calculated as: (Nitrogen, Nitrate + Nitrite) - (Nitrogen, Nitrite)

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SVE-MW-4		
Lab Sample ID:	JC62395-3F	**Date Sampled:**	03/14/18
Matrix:	AQ - Groundwater Filtered	**Date Received:**	03/15/18
		Percent Solids:	n/a
Project:	388 Bridge Street, Brooklyn, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Dissolved Organic Carbon	1.4	1.0	mg/l	1	03/27/18 20:13	CD	SM5310 B-11

RL = Reporting Limit

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

8 SGS ACCUTEST GW

CHAIN OF CUSTODY

SGS Accutest - Dayton
2235 Route 130, Dayton, NJ 08810
TEL. 732-329-0200 FAX: 732-329-3499/3480
www.accutest.com

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FED-EX Tracking #
Bottle Order Control # SW03 1218-122
SGS Accutest Quote #
SGS Accutest Job # JC62395

Client / Reporting Information

Company Name: Fleming Lee Shue
Street Address: 158 W 29th St, Fl 9
City: New York State: NY Zip: 10001
Project Contact: Adam Conti E-mail: adam@flemingleeshue.com
Phone #: 212 675 3225 Fax #
Sampler(s) Name(s): J. Golding / S. Saleh Phone #

Project Information

Project Name: 388 Bridge St
Street: 388 Bridge St
City: New York State: NY
Project #: 10165
Client Purchase Order #: FP1251
Project Manager: A. Conti

Billing Information (If different from Report to)
Company Name
Street Address
City State Zip
Attention:

Requested Analysis (see TEST CODE sheet): DOC (LF), FE2, SO4, TOC, V8260TCL11, XN030

Matrix Codes: DW - Drinking Water; GW - Ground Water; WW - Water; SW - Surface Water; SO - Soil; SL - Sludge; SED - Sediment; OI - Oil; LIQ - Other Liquid; AIR - Air; SOL - Other Solid; WP - Wipe; FB - Field Blank; EB - Equipment Blank; RB - Rinse Blank; TB - Trip Blank

SGS Accutest Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Collection Date	Collection Time	Sampled by	Matrix	# of bottles	HCl	NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	ENCORE	DOC (LF)	FE2	SO4	TOC	V8260TCL11	XN030	LAB USE ONLY
1F	SVE-MW-1		3/14/18	1229	SS	GW	8	4			1	3				x	x	x	x	x	x	G18
2F	SVE-MW-5		3/14/18	1311	SS	GW	8	4			1	3				x	x	x	x	x	x	9D2
3F	SVE-MW-4		3/14/18	1420	JG	GW	8	4			1	3				x	x	x	x	x	x	V1132

Turnaround Time (Business days)

- [x] Std. 10 Business Days
- [ ] 5 Day RUSH
- [ ] 3 Day RUSH
- [ ] 2 Day RUSH
- [ ] 1 Day RUSH
- [ ] other

Approved By (SGS Accutest PM): / Date:

Emergency & Rush T/A data available VIA Lablink

Data Deliverable Information

- [ ] Commercial "A" (Level 1)
- [ ] Commercial "B" (Level 2)
- [ ] FULLT1 (Level 3+4)
- [ ] NJ Reduced
- [ ] Commercial "C"
- [ ] NYASP Category A
- [x] NYASP Category B
- [ ] State Forms
- [ ] EDD Format
- [ ] Other

NJ Data of Known Quality Protocol Reporting

Commercial "A" = Results Only, Commercial "B" = Results + QC Summary
NJ Reduced = Results + QC Summary + Partial Raw data

Comments / Special Instructions

INITIAL ASESSMENT 2A/QL

LABEL VERIFICATION

Sample inventory is verified upon receipt in the Laboratory

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1 [signature]	3/15/18 1304	1 [signature]	2 [signature]	3/15/18 1735	2 [signature]
Relinquished by Sampler: 3	Date Time:	Received By: 3	Relinquished By: 4	Date Time:	Received By: 4
Relinquished by: 5	Date Time:	Received By: 5	Custody Seal #	Intact / Not intact; Preserved where applicable	On Ice; Cooler Temp. 3.4°C

Form:SM088-01CRev.Date:9/13/16

5.1

5

JC62395: Chain of Custody
Page 1 of 2

SGS Sample Receipt Summary

Job Number: JC62395 **Client:** FLEMING-LEE SHUE, INC. **Project:** 388 BRIDGE STREET, BROOKLYN, NY

Date / Time Received: 3/15/2018 5:34:00 PM **Delivery Method:** **Airbill #'s:**

Cooler Temps (Raw Measured) °C: Cooler 1: (3.4);

Cooler Temps (Corrected) °C: Cooler 1: (4.9);

Cooler Security	Y	or	N		Y	or	N
1. Custody Seals Present:	☑		☐	3. COC Present:	☑		☐
2. Custody Seals Intact:	☑		☐	4. Smpl Dates/Time OK	☑		☐

Cooler Temperature	Y	or	N
1. Temp criteria achieved:	☑		☐
2. Cooler temp verification:	IR Gun		
3. Cooler media:	Ice (Bag)		
4. No. Coolers:	1		

Quality Control Preservation	Y	or	N	N/A
1. Trip Blank present / cooler:	☐		☑	☐
2. Trip Blank listed on COC:	☐		☑	☐
3. Samples preserved properly:	☑		☐	
4. VOCs headspace free:	☑		☐	☐

Sample Integrity - Documentation	Y	or	N
1. Sample labels present on bottles:	☑		☐
2. Container labeling complete:	☑		☐
3. Sample container label / COC agree:	☑		☐

Sample Integrity - Condition	Y	or	N
1. Sample recvd within HT:	☑		☐
2. All containers accounted for:	☑		☐
3. Condition of sample:	Intact		

Sample Integrity - Instructions	Y	or	N	N/A
1. Analysis requested is clear:	☑		☐	
2. Bottles received for unspecified tests	☐		☑	
3. Sufficient volume recvd for analysis:	☑		☐	
4. Compositing instructions clear:	☐		☐	☑
5. Filtering instructions clear:	☐		☐	☑

Test Strip Lot #s: pH 1-12: 216017 pH 12+: 208717 Other: (Specify)

Comments

SM089-03
Rev. Date 12/7/17