Fleming Lee Shue

Environmental Management & Consulting

May 23, 2011

Mr. James Candiloro, P.E.
New York State Department of Environmental Conservation
Division of Environmental Remediation, Remedial Bureau C
625 Broadway, 11th Floor
Albany, New York 12233-7014

Re: American Felt & Filter Company
361 Walsh Avenue
New Windsor, NY 12553
Consent Order Index #W3-0784-04-06
Site #3-36-036
Results of the Soil and Groundwater Supplemental Remedial Investigation

Dear Mr. Candiloro,

Fleming-Lee Shue, Inc (FLS) performed Soil and Groundwater Supplemental Remedial Investigation (SRI) on behalf of the American Felt & Filter Company (AFFCO) site (the Site), in New Windsor, New York State Department of Environmental Conservation (NYSDEC) Class 2 Inactive Hazardous Waste Disposal Site. The SRI was performed in accordance with the March 24, 2011 work plan approved by NYSDEC on April 4th, 2011. NYSDEC requested further soil and groundwater sampling to determine if concentrations of previously detected volatile organic compounds (VOCs), specifically1,1,1-trichloroethane (TCA), in soil and groundwater have decreased since November 2001. The SRI was also performed to collect additional information for potential modification of the selected remedy as described in NYSDEC DER-10.

A total of five (5) soil borings were installed. Soil boring, SB-1 was installed at the location of the former TCA storage area and continuously sampled from the ground surface to the top of the till layer (approximately 12 to 15 feet below grade). Four (4) additional soil borings (SB-2 to SB-5) were installed around SB-1 to vertically and horizontally delineate the previous soil exceedances of the NYSDEC TAGM 4046 soil cleanup objectives (RSCOs). Additionally, groundwater samples were collected from one (1) bedrock well (E-1 New) and two (2) shallow monitoring wells (EW-0 and S-8) to determine if former groundwater concentrations of VOCs have decreased over time.

BACKGROUND/RESULTS OF PRIOR INVESTIGATIONS

Soil and groundwater in the vicinity of the former Feutron Building and TCA storage area were found to be contaminated with VOCs, mainly TCA, during previous investigations dating from 1988 through 2001. Shallow well S-8 and bedrock well E-1/E-1NEW[1], located downgradient

[1] Well E-1 was replaced with well E-1NEW in 2001.

from the TCA storage area historically had the highest concentrations of TCA. A summary of TCA concentrations in on-site wells from 1988 through 2001 is given in Attachment I. Concentrations of TCA have decreased in well S-8 from 1,400 parts per billion (ppb) to 9.8 ppb. Similarly, concentrations in well E-1[1]/E-1NEW have decreased from 2,800 to 550 ppb. The NYSDEC Division of Water Technical and Operational Guidance Series (TOGS) 1.1.1, Ambient Water Quality Standards and Guidance Values (Class GA Standards) for TCA is 5 ppb. The TCA Class GA Standard of 5 ppb, well below the U.S. Environmental Protection Agency (U.S. EPA) human health-based Maximum Contaminant Level (MCL) for TCA of 200 ppb in drinking water.

Soil borings were collected in 2009 in the TCA storage area outside the former Feutron Building area and results were compared with soil analytical results for the same area in 1998. The comparison indicated a 96 to 98% reduction in TCA levels in soil. The 2009 TCA concentrations were 6.32 parts per million (ppm) in boring SG-6 (6-8 feet), 6.77 ppm in boring SG-1A (8-10 feet), and 28.7 ppm in boring 0,2 (3-5 feet), well below the NYSDEC 6 NYCRR Part 375-6.8(b) Soil Cleanup Objective (SCO) for Industrial use of 1,000 ppm.

SAMPLING METHODOLOGY

Five (5) soil borings were installed in the former TCA storage area, in the vicinity of the previous borings SG-1A, SG-6 and 0,2, as shown on Figure 1. All five borings were advanced to the till layer at approximately 12 to 15 feet below grade using a Geoprobe rig. Soil was sampled continuously from ground surface to till layer using four-foot long macrocore sleeves and screened along the entire length for VOCs using a photoionization detector (PID). Soil samples were collected from boring SB-1 from each 2-foot interval and sent for laboratory analysis. The other four borings (SB-2 through SB-5) were located approximately 11 to 15 feet to the north, south, east and west of boring SB-1. At these four locations, a sample was collected from the 2-foot soil interval exhibiting the highest PID reading. The soil samples were shipped to a NYSDOH ELAP-certified laboratory and analyzed for VOCs using EPA method 8260.

Information regarding soil type, soil variations, field screening results, and relevant observations were noted on soil boring logs. The boring logs also noted soil color, moisture, density, consistency, and grain size. Soil boring logs are presented in Attachment II.

Three monitoring wells, bedrock well (E-1NEW) and shallow wells (EW-0 and S-8), shown on Figure 1, were sampled. The wells were purged by using a peristaltic pump and sampled using dedicated PVC bailers. Groundwater samples were not taken until pH, temperature and conductivity measurements stabilized and the turbidity reading was 10 NTU or less, or until at least 3 to 5 well volumes were purged. Groundwater samples were shipped to a NYSDOH ELAP-certified laboratory and analyzed for VOCs using EPA method 8260 and also for geochemical parameters such as nitrate, sulfate, and dissolved organic carbon (DOC). In order to determine the geochemical characteristics of the groundwater (aerobic or anaerobic environment) at the Site, the following parameters were measured in the field using an overflow cell with a direct reading meter at the well head:

- Dissolved oxygen (DO)

- pH, conductivity, and temperature
- Oxidation-reduction potential (ORP)
- Iron (II) – Ferrous Iron

RESULTS

Soil

Concentrations of VOCs in soil samples are presented in Table 1 and summarized on Figure 2. Complete laboratory report is presented in Appendix A. For purposes of this discussion, detected VOCs are grouped as follows:

- **1,1,1- trichloroethane (TCA) and its degradation products**, mainly, 1,1 dichloroethene (1,1-DCE) and 1,1 dichloroethane (1,1-DCA).
- ***Tetrachloroethylene (PCE)* and its degradation products** trichloroethene, cis-1,2-dichloroethene, trans-1,2-dicloroethene, and 1,2-dichlorothane.
- **Petroleum related compounds** such as toluene.

The results for each class of compounds are discussed below. For soil, the analytical results were compared to the NYCRR Part 375-6.8 (b) Restricted Use Soil Cleanup Objectives (SCOs) for industrial use and protection of groundwater.

1,1,1- trichloroethane (TCA)

TCA was detected in all soil samples. The highest TCA concentration was detected in sample SB-1 (2-4 feet) at a concentration of 5,270 ppm. The four other soil samples collected from boring locations SB-2 to SB-5 contained concentrations of TCA ranging between 12.0 and 1,210 ppm. TCA degradation products 1,1-DCA and 1,1-DCE were also detected in all soil samples except at SB-1(2-4 feet) where 1,1-DCA was non-detected. 1,1-DCA was detected at concentrations ranging from 0.36 to 23.3 ppm. 1,1-DCE was detected at concentrations ranging from 0.79 and 386.8 ppm.

While detected TCA concentrations were above the protection of groundwater SCO of 0.68 ppm, these concentrations were well below the 6 NYCRR Part 375-6.8 (b) industrial SCO of 1,000 ppm except in three soil samples. TCA concentrations detected in samples SB-1 (2-4 feet), SB-1 (10-12 feet), and SB-2 (4-8 feet) were 5,270 ppm, 1,150 ppm, and 1,210 ppm, respectively, exceeding the 6 NYCRR Part 375-6.8 (b) SCOs – industrial level of 1,000 ppm. 1,1-DCA and 1,1-DCE were detected at concentrations below the 6 NYCRR Part 375-6.8 (b) SCOs – Industrial levels.

Tetrachloroethylene (PCE) Results

PCE was detected in six of twelve soil samples at concentrations ranging between 0.222 and 0.92 ppm, below the industrial SCO of 300 ppm. PCE degradation products trichloroethene (TCE), cis 1,2 dichloroethene, trans 1,2 dichloroethene, and 1,2 dichloroethane were also detected but all were below their respective SCOs - industrial levels.

Petroleum Related Compounds

Toluene, a petroleum related compound, was detected at four sample locations, at concentrations 0.27 ppm, 0.55 ppm, 12.4 ppm, and 1.15 ppm. This petroleum related compound could be used onsite in the manufacturing operations.

Groundwater

VOCs in groundwater samples are presented in Table 2 and summarized on Figure 2. Complete laboratory report is presented in Appendix A.

Shallow Wells

TCA and its degradation products 1,1-DCE and 1,1-DCA were detected in groundwater samples collected from shallow wells EW-0 and S-8. TCA was detected at 9, 940 parts per billion (ppb) in EW-0 and 111 ppb in S-8. 1,1-DCE was detected at 154 ppb in EW-0 and 5 ppb in S-8. 1,1-DCA was detected at 1,560 ppb in EW-0 and 122 ppb in S-8. Chloroethane, a daughter product of 1,1-DCA or/and 1,1-DCE under reducing conditions, was also detected in the shallow wells.

Bedrock Well E-1NEW

Traces of TCA and its degradation product 1,1-DCE and 1,1-DCA, chloroform, vinyl chloride, and chloroethane were detected in the bedrock well groundwater sample. TCA was detected at a concentration of 16.2 ppb.

Groundwater Geochemical Parameters

Geochemical parameters were analyzed in groundwater as they are indicators of natural attenuation. Each groundwater sample was analyzed by the laboratory for nitrate, sulfate, and DOC. Groundwater geochemistry data is presented in Table 2.

Additionally, the following geochemical parameters were collected in the field using a flow-through cell with a direct reading meter at the well head:

- DO
- pH, conductivity, and temperature
- ORP
- Iron (II) – Ferrous Iron

Field-measured groundwater geochemical data is presented in Table 3. Under aerobic conditions, bacteria use oxygen as the terminal acceptor of electrons removed from oxidized organic compounds. Anaerobic degradation takes place in environments without oxygen. The terminal acceptor of electrons in an anaerobic environment includes (in order of preference): nitrates, sulfates, iron and carbon dioxide.

The DO measurements in shallow wells EW-0 and S-8 ranged between 0.97 milligrams per liter (mg/L) in S-8 to 4.3 mg/L in EW-0, indicating an aerobic environment. Nitrate concentrations less than 1 mg/L, sulfate concentrations slightly above 20 mg/L and Iron (II) concentrations above 1 mg/L are indicative of an anaerobic environment. Nitrate measurements ranged between non-detect (ND) in S-8 and 0.96 mg/L in EW-0. Sulfate measurements ranged between ND in S-8 and 22.5 mg/L in EW-0. Iron (II) concentrations in groundwater ranged between 0.01 mg/L to 2.97 mg/L. ORP measurements were all negative, ranging between -103 millivolts (mV) in EW-

0 and -279 mV in S-8. Negative ORP measurements are indicative of an anaerobic environment. Based on the geochemical parameters results, anaerobic conditions predominate in the subsurface.

DISCUSSION

The following conclusions are based upon the results of the soil and groundwater SRI:

The highest TCA concentration (5,270 ppm at the 2-4 foot interval) in soil was identified in SB-1, directly north of the Former Feutron Building at the location of the TCA storage area, indicating a prior release of TCA in the immediate location of this boring. TCA concentrations at this location decreased with depth down to the groundwater interface, increased at the water table, and decreased with depth until the top of the till layer (15 feet below grade)

Other contaminants of concern detected in the soil samples include 1,1-DCA and 1,1-DCE, both degradation products of TCA. The highest level of DCA (23.3 ppm) was observed at 10-12 feet bg at SB-1. The highest level of 1,1-DCE (86.8 ppm) was detected at 2-4 feet bg, also at soil boring SB-1. These high levels of DCA and DCE coincide with the high levels of TCA. This coincidence supports the assumption that the TCA is undergoing biological degradation.

The results of the groundwater geochemical analysis and field measured parameters indicate a dominant anaerobic condition in the subsurface. Combined with the aforementioned presence of TCA degradation products, these results also support the conclusion that anaerobic biodegradation of TCA is occurring on the Site.

TCA was detected in the downgradient shallow and bedrock wells at concentrations of 16.6 and 111 ppb, above the Class GA standard of 5 ppb but significantly below the U.S EPA MCL of 200 ppb for drinking water. The highest level of TCA was detected in EW-0 at 9,940 ppb, consistent with the corresponding high levels in soil near this location, and identification of this location as the source area. The groundwater sample results for the down gradient wells indicate that the TCA contamination is concentrated near the area of SB-1 and is not significantly impacting groundwater outside of the source area.

As stated in NYCRR Part 375-6.5 (1), the SCOs for the protection of groundwater may not be applicable in cases where:

"(i) the groundwater standard contravention is the result of an on-site source which is addressed by the remedial program;". Soils in the area of SB-1 will be addressed by excavation, as outlined in the Remdial Action Work Plan (RAWP) dated August 19th, 2008 approved by the NYSDEC on October 9th, 2008.)

These SCOs may also not apply in situations where the Department determines that contaminated groundwater ..." is not migrating, or likely to migrate, off-site". Based on the decreasing concentrations of TCA in groundwater downgradient, combined with evidence of anaerobic biodegradation of this compound and the anticipated remediation of the source area, FLS believes that this condition applies to groundwater contamination at the Site. Finally, the

Site is zoned for manufacturing/industrial use, which precludes use of the property for commercial or residential development, and is consistent with use of the Part 375 SCO for industrial use.

Based upon these findings, FLS recommends that soil remediation be performed as described in the approved RAWP and the Part 375 SCO for industrial levels be used instead of levels for protection of groundwater as the basis for remediation of soil at the Site.

If you have any questions or comments, please feel free to call me at (212) 675-3225.

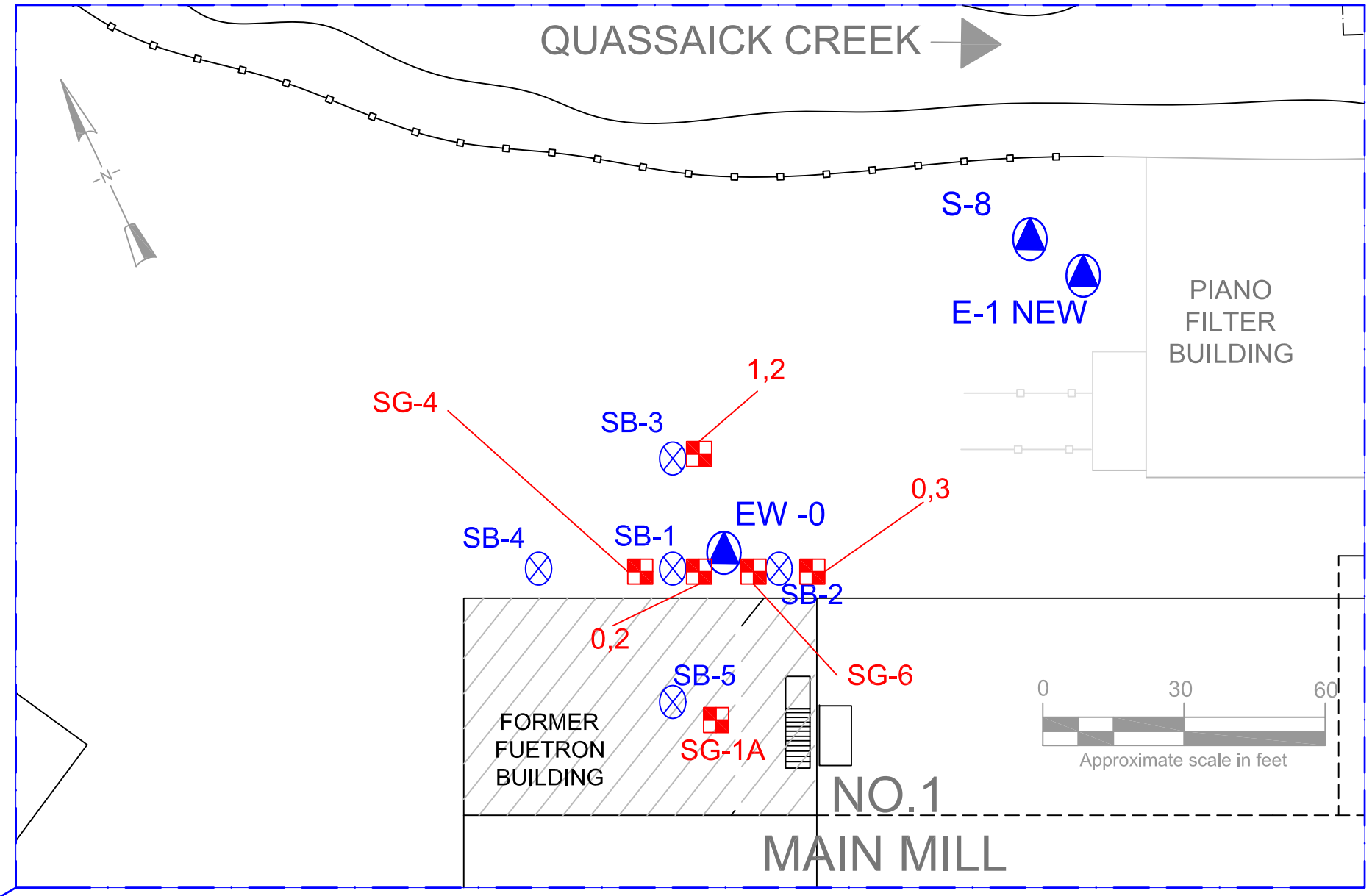
Sincerely,
Fleming-Lee Shue, Inc.

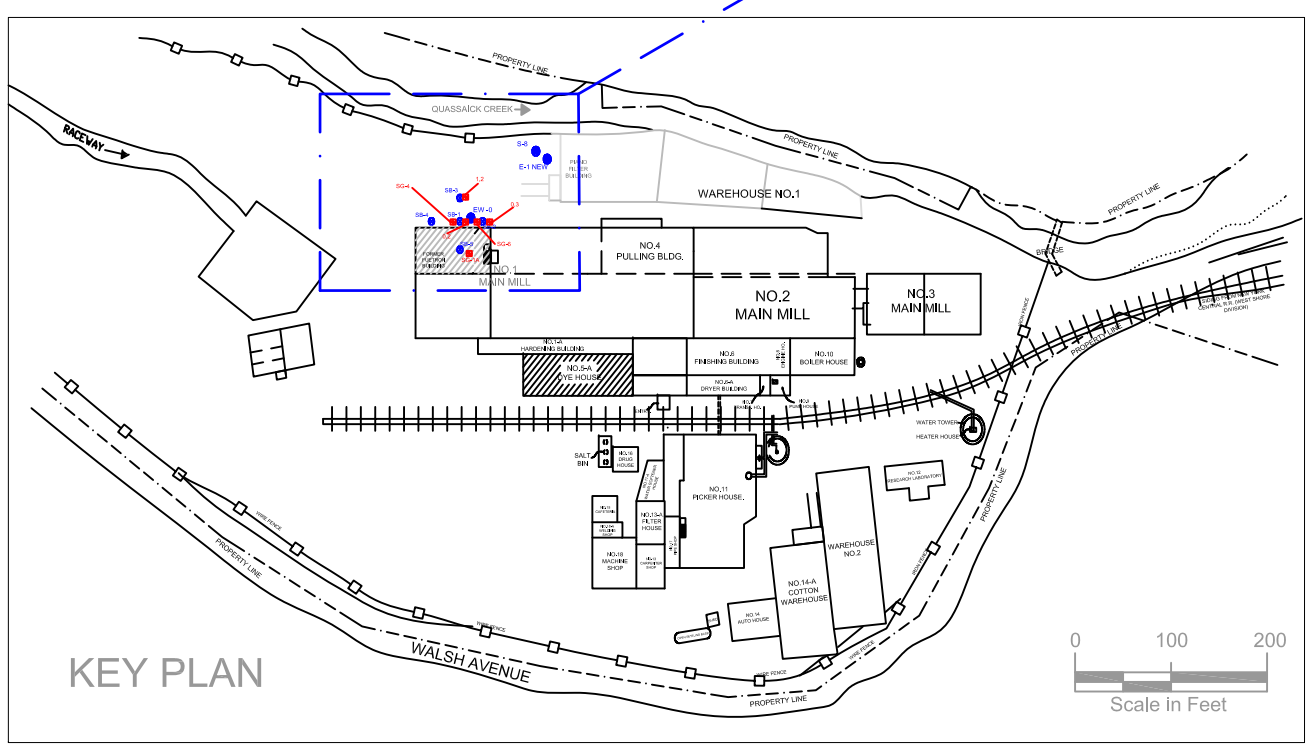
mohamed ahmed

Mohamed Ahmed, Ph.D., CPG
Senior Geologist

cc: George Heitzman, NYSDEC
Rosalie Rusinko, OGC

FIGURES





Map Source: Associated Factory Mutual Survey Map, February 28,1955

Fleming Lee Shue

Environmental Management & Consulting

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

AFFCO
New Windsor, NY

FIGURE 1

SITE PLAN

Date
May 2011

Project Number
10000-001

LEGEND

- Property Line
- Monitoring Well Locations
- Soil Boring Locations
- Soil Gas Sampling Locations (Remedial Investigation Report 2001)

Soil	
SB-1	**Results (ug/Kg)**
Compounds	**(6-8')**
1,1 Dichloroethane	36.6 J
1,1 Dichloroethene	544 J
1,1,1-Trichloroethane	26,000
1,1,2 Trichloroethane	50.1 J
	(8-10')
1,1 Dichloroethane	1,520 J
1,2 Dichloroethane	802 J
1,1 Dichloroethene	4,120 J
Toluene	525 J
1,1,1-Trichloroethane	224,000
1,1,2 Trichloroethane	416 J
Trichloroethene	946 J
	(10-12')
1,1 Dichloroethane	23,300
1,2 Dichloroethane	16,100
1,1 Dichloroethene	35,100
cis 1,2 Dichloroethene	5,590 J
trans 1,2 Dichloroethene	5,650 J
Tetrachloroethene	920 J
Toluene	12,400
1,1,1-Trichloroethane	1,150,000
1,1,2 Trichloroethane	1,170 J
Trichloroethene	30,900

Soil	
SB-1	**Results (ug/Kg)**
Compounds	**(0-2')**
1,1 Dichloroethane	333 J
1,1 Dichloroethene	2,780 J
1,1,1-Trichloroethane	155,000
	(2-4')
1,1 Dichloroethene	86,800 J
1,1,1-Trichloroethane	5,270,000
	(4-6')
1,1 Dichloroethane	287 J
1,2 Dichloroethane	1,630
1,1 Dichloroethene	1,810
cis 1,2 Dichloroethene	320 J
trans 1,2 Dichloroethene	194 J
Tetrachloroethene	615 J
Toluene	1,150
1,1,1-Trichloroethane	85,900
1,1,2 Trichloroethane	1,780
Trichloroethene	934 J

Groundwater	
S-8	
Compounds	**Results (ug/L)**
Chloroethane	118
1,1 Dichloroethane	122
1,1 Dichloroethene	5
1,1,1-Trichloroethane	111

Groundwater	
E1-NEW	
Compounds	**Results (ug/L)**
Chloroethane	3.7
Chloroform	0.48 J
1,1 Dichloroethane	51.4
1,2 Dichloroethane	3.8
1,1 Dichloroethene	12.3
cis 1,2 Dichloroethene	1.5
trans 1,2 Dichloroethene	0.75 J
1,1,1-Trichloroethane	16.2
Trichloroethene	2.1
Vinyl Chloride	2

Soil	
SB-3	**(14-15)**
Compounds	**Results (ug/Kg)**
Chloroethane	679 J
1,1 Dichloroethane	13,200
1,2 Dichloroethane	309 J
1,1 Dichloroethene	1000 J
1,1,1-Trichloroethane	52,700

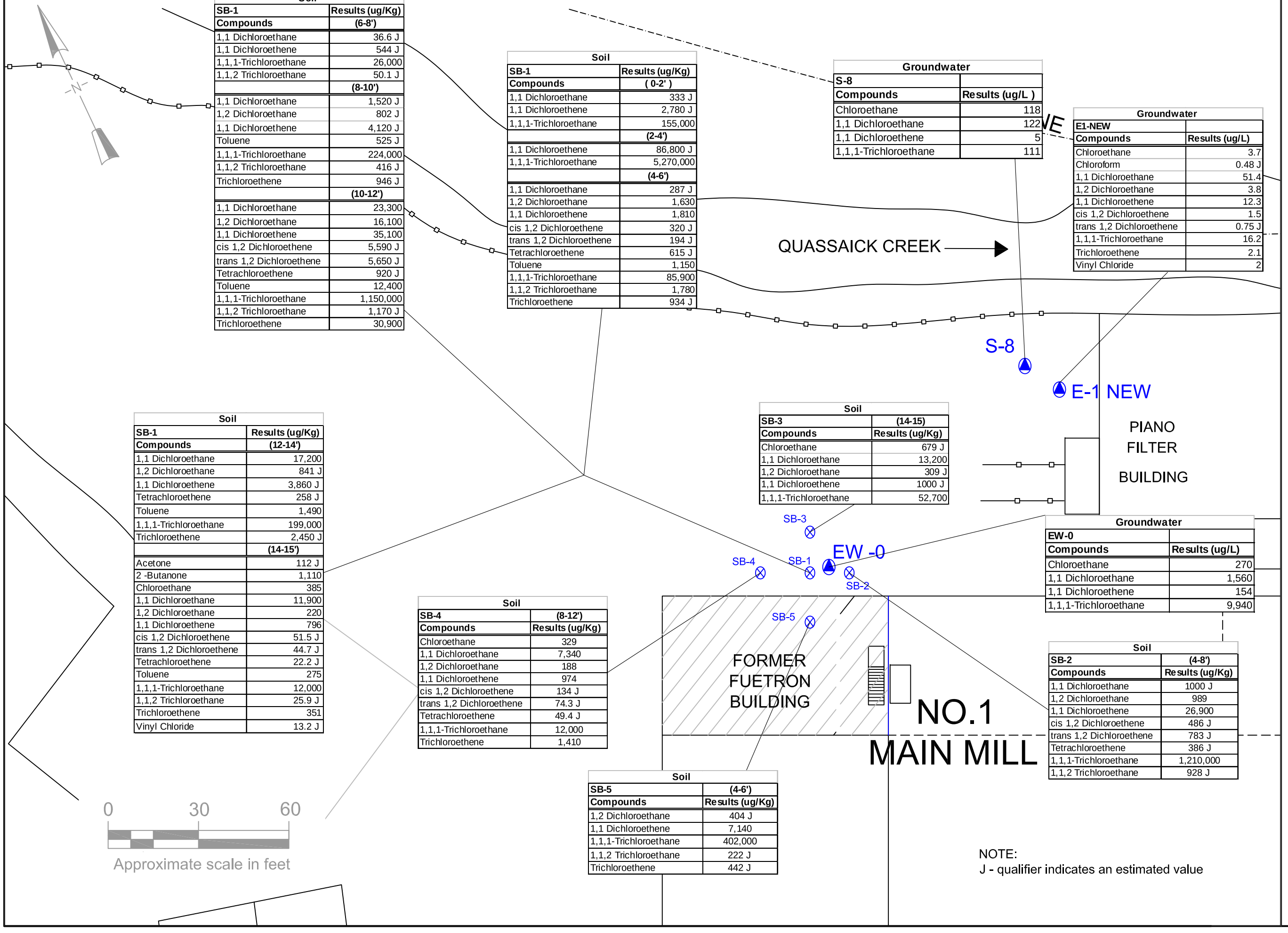
Soil	
SB-1	**Results (ug/Kg)**
Compounds	**(12-14')**
1,1 Dichloroethane	17,200
1,2 Dichloroethane	841 J
1,1 Dichloroethene	3,860 J
Tetrachloroethene	258 J
Toluene	1,490
1,1,1-Trichloroethane	199,000
Trichloroethene	2,450 J
	(14-15')
Acetone	112 J
2 -Butanone	1,110
Chloroethane	385
1,1 Dichloroethane	11,900
1,2 Dichloroethane	220
1,1 Dichloroethene	796
cis 1,2 Dichloroethene	51.5 J
trans 1,2 Dichloroethene	44.7 J
Tetrachloroethene	22.2 J
Toluene	275
1,1,1-Trichloroethane	12,000
1,1,2 Trichloroethane	25.9 J
Trichloroethene	351
Vinyl Chloride	13.2 J

Soil	
SB-4	**(8-12')**
Compounds	**Results (ug/Kg)**
Chloroethane	329
1,1 Dichloroethane	7,340
1,2 Dichloroethane	188
1,1 Dichloroethene	974
cis 1,2 Dichloroethene	134 J
trans 1,2 Dichloroethene	74.3 J
Tetrachloroethene	49.4 J
1,1,1-Trichloroethane	12,000
Trichloroethene	1,410

Soil	
SB-5	**(4-6')**
Compounds	**Results (ug/Kg)**
1,2 Dichloroethane	404 J
1,1 Dichloroethene	7,140
1,1,1-Trichloroethane	402,000
1,1,2 Trichloroethane	222 J
Trichloroethene	442 J

Groundwater	
EW-0	
Compounds	**Results (ug/L)**
Chloroethane	270
1,1 Dichloroethane	1,560
1,1 Dichloroethene	154
1,1,1-Trichloroethane	9,940

Soil	
SB-2	**(4-8')**
Compounds	**Results (ug/Kg)**
1,1 Dichloroethane	1000 J
1,2 Dichloroethane	989
1,1 Dichloroethene	26,900
cis 1,2 Dichloroethene	486 J
trans 1,2 Dichloroethene	783 J
Tetrachloroethene	386 J
1,1,1-Trichloroethane	1,210,000
1,1,2 Trichloroethane	928 J



NOTE:
J - qualifier indicates an estimated value

Fleming Lee Shue

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

AFFCo
New Windsor, NY

FIGURE 2

DETECTED CHLORINATED SOLVENTS

Date
May 2011

Project Number
10000-001-1

LEGEND

- Property Line
- Monitoring Well Locations
- Soil Boring Locations

Map Source: Associated Factory Mutual Survey Map, February 28,1955

TABLES

Table 1
Volatile Organic Compounds in Soil Samples

AFFCo
New Windsor, NY

SAMPLE NAME	SB-1 (0-2)		SB-1 (2-4)		SB-1 (4-6)		SB-1 (6-8)		SB-1 (8-10)	
LAB SAMPLE ID	JA73846-8		JA73846-9		JA73846-10		JA73846-11		JA73846-12	
DATE SAMPLE COLLECTED	4/21/2011		4/21/2011		4/21/2011		4/21/2011		4/21/2011	
VOLATILE ORGANIC COMPOUNDS (VOCs) (µg/L)	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q
Acetone	ND		ND		ND		ND		ND	
Benzene	ND		ND		ND		ND		ND	
Bromodichloromethane	ND		ND		ND		ND		ND	
Bromoform	ND		ND		ND		ND		ND	
Bromomethane	ND		ND		ND		ND		ND	
2-Butanone (MEK)	ND		ND		ND		ND		ND	
Carbon disulfide	ND		ND		ND		ND		ND	
Carbon tetrachloride	ND		ND		ND		ND		ND	
Chlorobenzene	ND		ND		ND		ND		ND	
Chloroethane	ND		ND		ND		ND		ND	
Chloroform	ND		ND		ND		ND		ND	
Chloromethane	ND		ND		ND		ND		ND	
Dibromochloromethane	ND		ND		ND		ND		ND	
1,1-Dichloroethane	**333**	**J**	ND		**287**	**J**	**36.6**	**J**	**1,520**	**J**
1,2-Dichloroethane	ND		ND		**1,630**		ND		**802**	**J**
1,1-Dichloroethene	**2,780**	**J**	**86,800**	**J**	**1,810**		**544**	**J**	**4,120**	**J**
cis-1,2-Dichloroethene	ND		ND		**320**	**J**	ND		ND	
trans-1,2-Dichloroethene	ND		ND		**194**	**J**	ND		ND	
1,2-Dichloroethene (total)	ND		ND		**514**	**J**	ND		ND	
1,2-Dichloropropane	ND		ND		ND		ND		ND	
cis-1,3-Dichloropropene	ND		ND		ND		ND		ND	
trans-1,3-Dichloropropene	ND		ND		ND		ND		ND	
Ethylbenzene	ND		ND		ND		ND		ND	
2-Hexanone	ND		ND		ND		ND		ND	
Methyl Tert Butyl Ether	ND		ND		ND		ND		ND	
4-Methyl-2-pentanone(MIBK)	ND		ND		ND		ND		ND	
Methylene chloride	ND		ND		ND		ND		ND	
Styrene	ND		ND		ND		ND		ND	
1,1,2,2-Tetrachloroethane	ND		ND		ND		ND		ND	
Tetrachloroethene	ND		ND		**615**	**J**	ND		ND	
Toluene	ND		ND		**1,150**		ND		**525**	**J**
1,1,1-Trichloroethane	**155,000**		**5,270,000**		**85,900**		**26,000**		**224,000**	
1,1,2-Trichloroethane	ND		ND		**1,780**		**50.1**		**416**	**J**
Trichloroethene	ND		ND		**934**	**J**	ND		**946**	**J**
Vinyl chloride	ND		ND		ND		ND		ND	
Xylene (total)	ND		ND		ND		ND		ND	
TOTAL VOCs	158,113		5,356,800		95,134		26,630.7		232,329	

Legend

µg/L - Micrograms per liter

J - Estimated value

ND - Not detected

Detected compounds are shaded light gray with **BOLD** text values

Table 1
Volatile Organic Compounds in Soil Samples

AFFCo
New Windsor, NY

SAMPLE NAME	SB-1 (10-12)		SB-1 (12-14)		SB-1 (14-15)		SB-2 (4-8)		SB-3 (14-15)		SB-4 (8-12)		SB-5 (4-6)	
LAB SAMPLE ID	JA73846-13		JA73846-14		JA73846-15		JA73846-6		JA73846-5		JA73846-7		JA73846-16	
DATE SAMPLE COLLECTED	4/21/2011		4/21/2011		4/21/2011		4/21/2011		4/21/2011		4/21/2011		4/21/2011	
VOLATILE ORGANIC COMPOUNDS (VOCs) (µg/L)	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q
Acetone	ND		ND		**112**	**J**	ND		ND		ND		ND	
Benzene	ND		ND		ND		ND		ND		ND		ND	
Bromodichloromethane	ND		ND		ND		ND		ND		ND		ND	
Bromoform	ND		ND		ND		ND		ND		ND		ND	
Bromomethane	ND		ND		ND		ND		ND		ND		ND	
2-Butanone (MEK)	ND		ND		ND		ND		ND		ND		ND	
Carbon disulfide	ND		ND		ND		ND		ND		ND		ND	
Carbon tetrachloride	ND		ND		ND		ND		ND		ND		ND	
Chlorobenzene	ND		ND		ND		ND		ND		ND		ND	
Chloroethane	ND		ND		ND		ND		**679**	**J**	**329**		ND	
Chloroform	ND		ND		ND		ND		ND		ND		ND	
Chloromethane	ND		ND		ND		ND		ND		ND		ND	
Dibromochloromethane	ND		ND		ND		ND		ND		ND		ND	
1,1-Dichloroethane	**23,300**		**17,200**		**11,900**		**1,000**	**J**	**13,200**		**7,340**		ND	
1,2-Dichloroethane	**16,100**		**841**	**J**	**220**		**989**		**309**	**J**	**188**		**404**	**J**
1,1-Dichloroethene	**35,100**		**3860**	**J**	**796**		**26,900**		**1,000**	**J**	**974**		**7,140**	
cis-1,2-Dichloroethene	**5,590**	**J**	ND		**51.5**	**J**	**486**	**J**	ND		**134**	**J**	ND	
trans-1,2-Dichloroethene	**5,650**	**J**	ND		**44.7**	**J**	**783**	**J**	ND		**74.3**	**J**	ND	
1,2-Dichloroethene (total)	**11,200**	**J**	ND		**96.2**	**J**	**1,270**	**J**	ND		**208**	**J**	ND	
1,2-Dichloropropane	ND		ND		ND		ND		ND		ND		ND	
cis-1,3-Dichloropropene	ND		ND		ND		ND		ND		ND		ND	
trans-1,3-Dichloropropene	ND		ND		ND		ND		ND		ND		ND	
Ethylbenzene	ND		ND		ND		ND		ND		ND		ND	
2-Hexanone	ND		ND		ND		ND		ND		ND		ND	
Methyl Tert Butyl Ether	ND		ND		ND		ND		ND		ND		ND	
4-Methyl-2-pentanone(MIBK)	ND		ND		ND		ND		ND		ND		ND	
Methylene chloride	ND		ND		ND		ND		ND		ND		ND	
Styrene	ND		ND		ND		ND		ND		ND		ND	
1,1,2,2-Tetrachloroethane	ND		ND		ND		ND		ND		ND		ND	
Tetrachloroethene	**920**	**J**	**258**	**J**	**22.2**	**J**	**386**	**J**	ND		**49.4**	**J**	ND	
Toluene	**12,400**		**1490**		**275**		ND		**1,130**		**56.5**		ND	
1,1,1-Trichloroethane	**1,150,000**		**199,000**		**12,000**		**1,210,000**		**52,700**		**12,000**		**402,000**	
1,1,2-Trichloroethane	**1,170**	**J**	ND		**25.9**	**J**	**928**	**J**	ND		ND		**222**	**J**
Trichloroethene	**30,900**		**2450**	**J**	**351**		**2,450**	**J**	ND		**1410**		**442**	**J**
Vinyl chloride	ND		ND		**13.2**	**J**	ND		ND		ND		ND	
Xylene (total)	ND		ND		ND		ND		ND		ND		ND	
TOTAL VOCs	1,292,330		225,099		25,907.7		1,245,192		69,018		22,763.2		410,208	

Legend

µg/L - Micrograms per liter

J - Estimated value

ND - Not detected

Detected compounds are shaded light gray with **BOLD** text values

Table 2
Volatile Organic Compounds in Groundwater

AFFCo
New Windsor, NY

SAMPLE NAME	E1-NEW		EW-O		S-8		FB042111	
LAB SAMPLE ID	JA73846-2		JA73846-1		JA73846-3		JA73846-4	
DATE SAMPLE COLLECTED	4/21/2011		4/21/2011		4/21/2011		4/21/2011	
VOLATILE ORGANIC COMPOUNDS (VOCs) (µg/L)	Results	Q	Results	Q	Results	Q	Results	Q
Acetone	ND		ND		ND		ND	
Benzene	ND		ND		ND		ND	
Bromodichloromethane	ND		ND		ND		ND	
Bromoform	ND		ND		ND		ND	
Bromomethane	ND		ND		ND		ND	
2-Butanone (MEK)	ND		ND		ND		ND	
Carbon disulfide	ND		ND		ND		ND	
Carbon tetrachloride	ND		ND		ND		ND	
Chlorobenzene	ND		ND		ND		ND	
Chloroethane	**3.7**		**270**		**118**		ND	
Chloroform	**0.48**	**J**	ND		ND		ND	
Chloromethane	ND		ND		ND		ND	
Dibromochloromethane	ND		ND		ND		ND	
1,1-Dichloroethane	**51.4**		**1560**		**122**		ND	
1,2-Dichloroethane	**3.8**		ND		ND		ND	
1,1-Dichloroethene	**12.3**		**154**		**4.7**		ND	
cis-1,2-Dichloroethene	**1.5**		ND		ND		ND	
trans-1,2-Dichloroethene	**0.75**	**J**	ND		ND		ND	
1,2-Dichloroethene (total)	**2.3**		ND		ND		ND	
1,2-Dichloropropane	ND		ND		ND		ND	
cis-1,3-Dichloropropene	ND		ND		ND		ND	
trans-1,3-Dichloropropene	ND		ND		ND		ND	
Ethylbenzene	ND		ND		ND		ND	
2-Hexanone	ND		ND		ND		ND	
Methyl Tert Butyl Ether	ND		ND		ND		ND	
4-Methyl-2-pentanone(MIBK)	ND		ND		ND		ND	
Methylene chloride	ND		ND		ND		ND	
Styrene	ND		ND		ND		ND	
1,1,2,2-Tetrachloroethane	ND		ND		ND		ND	
Tetrachloroethene	ND		ND		ND		ND	
Toluene	ND		ND		ND		ND	
1,1,1-Trichloroethane	**16.2**		**9940**		**111**		ND	
1,1,2-Trichloroethane	ND		ND		ND		ND	
Trichloroethene	**2.1**		ND		ND		ND	
Vinyl chloride	**2**		ND		ND		ND	
Xylene (total)	ND		ND		ND		ND	
TOTAL VOCs	96.53		11,924		355.7		ND	

Legend

µg/L - Micrograms per liter

J - Estimated value

ND - Not detected

Detected compounds are shaded light gray with **BOLD** text values

Table 3
Geochemical Parameters in Groundwater Samples

AFFCo
New Windsor, NY

	SAMPLE NAME		
	EW-0	E1-NEW	S-8
	4/21/2011	4/21/2011	4/21/2011
pH	6.3	6.2	7.5
Iron (II) (mg/L)	2.97	0.8	0.01
Conductivity (m S/m)	0.102	46.2	55.6
Dissolved Oxygen (mg/L)	4.35	0.99	0.97
Oxidation Reduction Potential (m/V)	-105	-56	-279
Dissolved Organic Carbon (mg/l)	5.2	1.6	<1.0
Nitrogen, Nitrate (mg/l)	0.96 [a]	<0.11 [a]	<0.11 [a]
Nitrogen, Nitrate + Nitrite (mg/l)	0.96	<0.10	<0.10
Nitrogen, Nitrite (mg/l)	<0.010	<0.010	<0.010
Sulfate (mg/l)	22.5	26.8	<10

Note:

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

ATTACHMENT I

TCA concentrations in on-site wells from 1988 through 2001

Table 1
Historical Comparison of Detected TCA Levels in Water Samples
American Felt & Fliter Company
(Parts per billion - ppb)

	Pre-Consent Order			Post-Consent Order			
	Jan-88	Dec-88	Sep-94	Aug-98	Nov-98	Nov-01	May-06
S-1	<1	<5	<5	<10	na	<10	na
S-2	<1	7.3	<5	<10	na	<10	na
S-3	1.1	1.8 J	<5	<10	na	<10	na
S-4	5.8	1.1 J	<5	<10	na	<10	na
S-5	8.6	<5	<5	<10	na	<10	na
S-6	91	22	5	8 J	na	1.5 J	na
S-7	28	20	10	6 J	na	4.1 J	na
S-8	1,400	870	48	20	na	9.8 J	na
S-9	15	<5	<5	<10	na	<10	na
E-1	2,800	1,100	10	530	700/14 *	550 **	na
E-2	<1	<5	<5	<10	na	na	na
E-3	2.7	2.6 J	<5	<10	na	na	na
E-4	<1	<5	<5	<10	na	na	na
E-5	<1	<5	<5	<10	na	na	na
C-1	<1	1.2 J	<5	<10	na	na	na
C-2	33	12	4 J	<10	na	na	na
C-3	22	5.5	3 J	3 J	na	na	na
C-U400	na	na	na	2 J	na	na	na
BDR-1	na	na	na	na	na	na	<5
BDR-2	na	na	na	na	na	na	<5
BDR-3	na	na	na	na	na	na	<5

note: See Table 5 for additional localized groundwater results in area of contamination

na *not analyzed*
* *shallow bailer sample/deep pump sample.*
** *new shallower bedrock well (E-1 New) located adjacent to E-1*
J *Estimated Value*

Table 5
Detected Volatile Organics in Groundwater Samples
(Parts per billion; ppb)

2001

	GA Std.	E-1New	E-1New D	S-1	S-2	S-3	S-4	S-5	S-6	S-7	S-8	S-9	Blind (S-9)	WSG-4	WSG-5
Chloroethane	5	**40**	**38**	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	**1400 D**	**1400 JD**
Methylene Chloride	5	1 J	<10	<10	0.59 J	<10	<10	<10	<10	<10	<10	<10	<10	<10	2.7 J
Vinyl Chloride	2	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	**7.5 J**
Acetone	50	10	12	9.8 J	10	9.4 J	9.3 J	9.7 J	11	8.3 J	9.5 J	12	7.2 J	12	23
Carbon Disulfide		2.9 J	<10	<10	<10	<10	<10	<10	17	20	<10	<10	<10	<10	<10
1,1-Dichloroethene	5	4.5 J	4.4 J	<10	<10	<10	<10	<10	<10	<10	4.8 J	<10	<10	**17**	**160 JD**
4-Methyl-2-Pentanone (MIBK)		<10	<10	4.8 J	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
1,1-Dichloroethane	5	**240 D**	**220 D**	<10	<10	<10	<10	<10	<10	3.4 J	**36**	1.1 J	<10	**1500 D**	**5400 D**
total-1,2-Dichloroethene	5	<10	<10	<10	<10	<10	<10	<10	<10	**9.7 J**	<10	<10	<10	**6.1 J**	**21**
Chloroform	7	<10	<10	<10	<10	<10	**7.1 J**	<10	<10	<10	<10	<10	<10	<10	3.2 J
1,2-Dichloroethane	0.6	<10	<10	<10	<10	<10	<10	<10	<10	<10	2.7 J	<10	<10	**7.8 J**	**87**
2-Butanone(MEK)	50	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	**54**
1,1,1-Trichloroethane	5	**550 D**	**480 D**	<10	<10	<10	<10	<10	1.5 J	4.1 J	**9.8 J**	<10	<10	**4500 D**	**50,000 D**
Trichloroethene	5	<10	<10	<10	0.98J	<10	2.3 J	<10	3.5 J	4.9 J	2.8 J	<10	<10	4 J	**28**
Toluene	5	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	1.2	**16**
1,1,2-Trichloroethane	1	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	**6.6 J**	**12**
Tetrachloroethene	5	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	2.2 J

GA Std.	NYSDEC Class GA groundwater Standards or Guidance values
E-1 New D	Field Duplicate Sample of E-1 New
J	Estimated value
D	Results of diluted sample
Bold	Exceeds GA Std.

Table 4

Detected Volatile Organics in Water Samples 1998

(Parts per billion; ppb)

	S-1	S-2	S-3	S-4	S-5	S-6	S-7	S-8	S-9	E-1	E-1A bailer	E-1B pump	E-2	E-3	E-4	E-5	C-UM (C-1)	C-U (C-2)	C-D (C-3)	C-U400	A-0,2 †		GA Std.	MCL	C Std.
1,1,1-Trichloroethane	<10	<10	<10	<10	<10	**8 J**	6 J	**20**	<10	***530 D***	***700 D***	**14**	<10	<10	<10	<10	<10	<10	3 J	2J	**18000 D**		5*	200	--
1,1,2-Trichloroethane	<10	<10	<10	<10	<10	**<10**	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	**4 J**		1	5	
1,1-Dichloroethane	<10	<10	<10	<10	3 J	**7 J**	3J	**130**	1 J	**290 D**	**290D**	**10**	<10	<10	<10	<10	<10	<10	2 J	2J	**2600 D**		5*	--	--
1,1-Dichloroethene	<10	<10	<10	<10	<10	1 J	<10	**28**	<10	**23**	**20**	**<10**	<10	<10	<10	<10	<10	<10	<10	<10	**600 D,J**		5*	7	--
1,2-Dichloroethane	<10	<10	<10	<10	<10	<10	<10	**4 J**	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	**26**		0.6	5	--
2-Butanone	<10	<10	<10	<10	<10	<10	<10	<10	<10	2 J	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	8 J		50	--	--
Acetone	1 J	2 J	1 J,B	2 J,B	2 J	2 J,B	<10	2 J	2 J,B	5 J,B	<10	<10	1 J,B	2 J,B	1 J,B	3 J,B	<10	2 J	2 J,B	<10	21 B		50	--	--
Carbon Disulfide	<10	<10	<10	<10	<10	<10	<10	2 J	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10		--	--	--
Chloroethane	<10	<10	<10	<10	<10	<10	<10	<10	<10	3 J	**49**	<10	<10	<10	<10	<10	<10	<10	<10	<10	**60**		5*	--	--
Chloroform	<10	<10	<10	6 J	<10	<10	<10	<10	<10	<10	<10	<10	<10	1 J	<10	<10	<10	<10	<10	<10	1 J		7	--	--
Methylene Chloride	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	1 J		5*	5	
Toluene	<10	<10	<10	<10	<10	<10	<10	<10	<10	1 J	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	2 J		5*	1000	100
total-1,2-Dichloroethene	<10	<10	<10	<10	<10	2 J	5J	1 J	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	**9 J**		5*	70	--
Trichloroethene	<10	1 J	<10	3 J	<10	**10**	5J	5 J	2 J	<10	<10	<10	<10	2 J	<10	<10	<10	<10	<10	<10	**20**		5*	5	40
Vinyl Chloride	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	2 J		2	2	
											11-98 resampling														

LEGEND

†	Sample collected through soil gas equipment, all values should be considered semi-quantitative
J	Estimated Value
B	Also detected in blank sample
D	Based on analysis of diluted sample
GA Std.	NYSDEC groundwater standard
C Std.	NYSDEC Class C Surface water standard
MCL	Federal Drinking water Standard
--	No Standard exists for this compound
5 *	NYSDEC Principal Organic Contaminant standard
Bold	exceeds GA Standard
Bold, Underline	Exceeds GA Standard and MCL

ATTACHMENT II
Soil Boring and Well Development Logs

SOIL BORING #: SB-1

PROJECT ID:	**American Felt & Filter Co.**	FLS PROJECT NO.:	10000-001
LOCATION:	**New Windsor, NY**	GEOLOGIST:	Mohamed Ahmed
DRILLER:	Hydrotech Environmental	PROJECT SCIENTIST:	Bill Maniquez
DRILLING METHOD:	Geoprobe -Direct Push		
SOIL SAMPLING METHOD:	4' Macro core sampler		
DATE BORING INSTALLED:	4/21/2011		
TOTAL DEPTH:15 ft-bg		DEPTH TO WATER:	10'

DEPTH (FT) BELOW SURFACE	PID READING (PPM)	RECOVERY (in.)	LITHOLOGIC DESCRIPTION	SAMPLE DESIGNATION SAMPLE ANALYSIS
0	1,020	24"	Fill, ash, coal fragments, brown silty sand	SB-1(0-2) TCL VOCs
2				SB-1 (2-4) TCL VOCs
4	415	24"		SB-1(4-6) TCL VOCs
6				SB-1(6-8) TCL VOCs
8	85	15"	Gray sandy silt	SB-1(8-10) TCL VOCs
10			*Wet* Gray sandy silt	SB-1(10-12) TCL VOCs
12	87.2	48"	Very dense gray TILL	SB-1(12-14) TCL VOCs
14	494			SB-1(14-15) TCL VOCs
16			END OF BORING	
18				
20				
22				

SOIL BORING LOG

DATE: 5/17/2011 DRAWN BY: BM
REV. BY:
FILE NAME: P:\Project Files\10000 - AFFCO\April 2011 SRIWP\SB and MW Logs

Fleming-Lee Shue, Inc.
158 West 29th St. 9Fl.
New York, New York 10001
(212) 675-3225

SOIL BORING #: SB-2

PROJECT ID:	**American Felt & Filter Co.**	FLS PROJECT NO.:	10000-001
LOCATION:	**New Windsor, NY**	GEOLOGIST:	Mohamed Ahmed
DRILLER:	Hydrotech Environmental	PROJECT SCIENTIST:	Bill Maniquez
DRILLING METHOD:	Geoprobe -Direct Push		
SOIL SAMPLING METHOD:	4' Macro core sampler		
DATE BORING INSTALLED:	4/21/2011		
TOTAL DEPTH:15 ft-bg		DEPTH TO WATER:	10'

DEPTH (FT) BELOW SURFACE	PID READING (PPM)	RECOVERY (in.)	LITHOLOGIC DESCRIPTION	SAMPLE DESIGNATION SAMPLE ANALYSIS
0	0.4	19"	Fill, ash, coal fragments, red brick fragments, brown to tan silty sand	No samples collected
2	0.4			
4	294	16"	Fill, ash, coal ash, cinders, red brick fragments,silty sand	SB-2(4-8) TCL VOCs
6				
8	2	18"		No samples collected
10			*Wet* Fill, ash, coal ash, cinders, red brick fragments,silty sand	
12	14.6	29"		No samples collected
14			Very dense gray TILL	
16			END OF BORING	
18				
20				
22				

SOIL BORING LOG

DATE: 5/17/2011 DRAWN BY: BM

REV. BY:

FILE NAME: P:\Project Files\10000 - AFFCO\April 2011 SRIWP\SB and MW Logs

Fleming-Lee Shue, Inc.
158 West 29th St. 9Fl.
New York, New York 10001
(212) 675-3225

SOIL BORING #: SB-3

PROJECT ID:	**American Felt & Filter Co.**	FLS PROJECT NO.:	10000-001
LOCATION:	**New Windsor, NY**	GEOLOGIST:	Mohamed Ahmed
DRILLER:	Hydrotech Environmental	PROJECT SCIENTIST:	Bill Maniquez
DRILLING METHOD:	Geoprobe -Direct Push		
SOIL SAMPLING METHOD:	4' Macro core sampler		
DATE BORING INSTALLED:	4/21/2011		
TOTAL DEPTH:15 ft-bg		DEPTH TO WATER:	10'

DEPTH (FT) BELOW SURFACE	PID READING (PPM)	RECOVERY (in.)	LITHOLOGIC DESCRIPTION	SAMPLE DESIGNATION SAMPLE ANALYSIS
0	1.2	38"	Fill, Coal fragments, black to tan sandy silt, concrete chips	No samples collected
2	0.4			
4	0.4	22"	Fill, red brick fragments, black to tan sandy silt, concrete chips	No samples collected
6	0.4			
8	0.4	16"	Black Sandy Silt	No samples collected
10	0.4		*Wet* Black Sandy Silt	
12	9.5	36"		No samples collected
14	230.6		TILL	SB-3 (14-15) TCL VOCs
16			END OF BORING	
18				
20				
22				

SOIL BORING LOG

DATE: 5/17/2011 DRAWN BY: BM

REV. BY:

FILE NAME: P:\Project Files\10000 - AFFCO\April 2011 SRIWP\SB and MW Logs

Fleming-Lee Shue, Inc.
158 West 29th St. 9Fl.
New York, New York 10001
(212) 675-3225

SOIL BORING #: SB-4

PROJECT ID:	**American Felt & Filter Co.**	FLS PROJECT NO.:	10000-001
LOCATION:	**New Windsor, NY**	GEOLOGIST:	Mohamed Ahmed
DRILLER:	Hydrotech Environmental	PROJECT SCIENTIST:	Bill Maniquez
DRILLING METHOD:	Geoprobe -Direct Push		
SOIL SAMPLING METHOD:	4' Macro core sampler		
DATE BORING INSTALLED:	4/21/2011		
TOTAL DEPTH:12 ft-bg		DEPTH TO WATER:	10'

DEPTH (FT) BELOW SURFACE	PID READING (PPM)	RECOVERY (in.)	LITHOLOGIC DESCRIPTION	SAMPLE DESIGNATION SAMPLE ANALYSIS
0	0.4	24"	Fill, Coal fragments, red brick fragments, Tan sandy silt, concrete chips	No samples collected
2	0.4			
4	0.4	24"		No samples collected
6	0.4			
8	1.2	24"	Gray rock chips, gray silty sand	SB-4 (8-12) TCL VOCs
10			*Wet,* Gray rock chips, gray silty sand	
12			END OF BORING	
14				
16				
18				
20				
22				

SOIL BORING LOG

DATE: 5/17/2011 DRAWN BY: BM

REV. BY:

FILE NAME: P:\Project Files\10000 - AFFCO\April 2011 SRIWP\SB and MW Logs

Fleming-Lee Shue, Inc.
158 West 29th St. 9Fl.
New York, New York 10001
(212) 675-3225

SOIL BORING #: SB-5

PROJECT ID:	**American Felt & Filter Co.**	FLS PROJECT NO.:	10000-001
LOCATION:	**New Windsor, NY**	GEOLOGIST:	Mohamed Ahmed
DRILLER:	Hydrotech Environmental	PROJECT SCIENTIST:	Bill Maniquez
DRILLING METHOD:	Geoprobe -Direct Push		
SOIL SAMPLING METHOD:	4' Macro core sampler		
DATE BORING INSTALLED:	4/21/2011		
TOTAL DEPTH:12 ft-bg		DEPTH TO WATER:	10'

DEPTH (FT) BELOW SURFACE	PID READING (PPM)	RECOVERY (in.)	LITHOLOGIC DESCRIPTION	SAMPLE DESIGNATION SAMPLE ANALYSIS
0	2.9	28"	Fill, Coal fragments, red brick fragments	No samples collected
2	1.2		Light brown to tan silty sand	
4	537	39"		SB-5 (4-6) TCL VOCs
6	1.2		Brown silty sand with rock chips	No samples collected
8	2	24"	*Wet* Gray sandy silt with rock chips	No samples collected
10	0.4		Very dense gray TILL	
12			END OF BORING	
14				
16				
18				
20				
22				

SOIL BORING LOG

DATE: 5/17/2011 DRAWN BY: BM

REV. BY:

FILE NAME: P:\Project Files\10000 - AFFCO\April 2011 SRIWP\SB and MW Logs

Fleming-Lee Shue, Inc.
158 West 29th St. 9Fl.
New York, New York 10001
(212) 675-3225

Fleming Lee Shue

Environmental Management & Consulting
158 West 29th Street, 9Fl. , New York, New York 10001
http://www.flemingleeshue.com

WELL DEVELOPMENT LOG
Project: American Felt & Filter Co.
Supplemental Remedial Investigation April 2011
Project Location: New Windsor, NY

MONITORING WELL:	S-8
Date:	4/21/2011
Time Pump On:	11:10
Time Pump Off:	12:05
Well Volume:	5.32
Total Gallons Purged:	3.83
Average Purge Rate:	320 mL/min
Purge Method:	peristaltc pump

PID :	1.8
DTW:	11.47
DTP:	ND
TD:	43.93
WC:	32.46

TIME	ELAPSED TIME (min.)	DTW (ft-bg)	Well Volume Purged (gal)	Total Volume Purged (gal)	pH (s.u.)	Cond (mS/cm)	T (^{o}C)	Sal (%)	D.O. (mg/L)	Turbidity (NTUs)	ORP (mV)	Odor/Color
11:15	5	11.54	0.43	0.43	7.2	57.8	13.49	0.02	1.5	140	-184	Clear no odor
11:25	10	14.45	0.85	1.28	7.40	58.1	13.2	0.02	1.18	166	-242	Clear no odor
11:35	10	17.28	0.85	2.13	7.5	56.3	13.52	0.02	0.94	111	-264	Clear no odor
11:45	10	17.54	0.85	2.98	7.50	55.8	13.74	0.02	0.9	91	-274	Clear no odor
11:55	10	18.28	0.85	3.83	7.5	55.6	13.73	0.02	0.97	92	-279	Clear no odor

Notes:

DTW, DTP and TD measurements are from Top of Casing (TOC)
* Well Volume = 5.8752*D^2*WC, where D = well diameter (feet).
WC = Water Column (ft)
PID = Photoionization Detector
PPM = Parts per Million
DTW = Dept to Water
DTP = Dept to Product
TD = Total Depth
ND - Not detected

Cond = Conductivity
T = Temperature
sal = Salinity
DO = Dissolved Oxygen
ORP = Oxidation Reduction Potential

gal = Gallons
min = Minutes
^{o}C = Degrees Celcius
ft-bg = feet below grade
mS/cm = MilliSiemens per Centimeter
s.u. = Standard Units
NTUs = Nephelemetric Turbidity Units
mg/L = Milligrams per Liter
mV = millivolts

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WELL DEVELOPMENT LOG
Project: American Felt & Filter Co.
Supplemental Remedial Investigation April 2011
Project Location: New Windsor, NY

MONITORING WELL: E1-NEW
Date: 4/21/2011
Time Pump On: 10:15
Time Pump Off: 11:05
Well Volume: 0.38
Total Gallons Purged: 3.28
Average Purge Rate: 310 mL/min
Purge Method: peristaltc pump

PID : 0.4
DTW: 11.29
DTP: ND
TD: 13.6
WC: 2.31

TIME	ELAPSED TIME (min.)	DTW (ft-bg)	Well Volume Purged (gal)	Total Volume Purged (gal)	pH (s.u.)	Cond (mS/cm)	T (^{o}C)	Sal (%)	D.O. (mg/L)	Turbidity (NTUs)	ORP (mV)	Odor/Color
10:25	10	11.67	0.82	0.82	6.2	43.2	12.23	0.02	2.17	65.5	-50	Clear no odor
10:35	10	11.74	0.82	1.64	6.2	45.1	11.98	0.02	1.14	65.6	-50	Clear no odor
10:45	10	11.74	0.82	2.46	6.2	46.0	12.02	0.02	1.06	51.7	-55	Clear no odor
10:55	10	11.74	0.82	3.28	6.2	46.2	12.01	0.02	0.99	47.2	-56	Clear no odor

Notes:

DTW, DTP and TD measurements are from Top of Casing (TOC)
* Well Volume = 5.8752*D^{2}*WC, where D = well diameter (feet).
WC = Water Column (ft)
PID = Photoionization Detector
PPM = Parts per Million
DTW = Dept to Water
DTP = Dept to Product
TD = Total Depth
ND - Not detected

Cond = Conductivity
T = Temperature
sal = Salinity
DO = Dissolved Oxygen
ORP = Oxidation Reduction Potential

gal = Gallons
min = Minutes
^{o}C = Degrees Celcius
ft-bg = feet below grade
mS/cm = MilliSiemens per Centimeter
s.u. = Standard Units
NTUs = Nephelemetric Turbidity Units
mg/L = Milligrams per Liter
mV = millivolts

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WELL DEVELOPMENT LOG
Project: American Felt & Filter Co.
Supplemental Remedial Investigation April 2011
Project Location: New Windsor, NY

MONITORING WELL: EW-0
Date: 4/21/2011
Time Pump On: 8:50
Time Pump Off: 9:35
Well Volume: 1.14
Total Gallons Purged: 4.86
Average Purge Rate: 460 mL/min
Purge Method: peristaltc pump

PID : 2.9
DTW: 9.51
DTP: ND
TD: 16.49
WC: 6.98

TIME	ELAPSED TIME (min.)	DTW (ft-bg)	Well Volume Purged (gal)	Total Volume Purged (gal)	pH (s.u.)	Cond (mS/cm)	T (^{o}C)	Sal (%)	D.O. (mg/L)	Turbidity (NTUs)	ORP (mV)	Odor/Color
8:55	5	9.53	0.61	0.61	6.4	0.163	10.65	0.07	8.7	53.7	-111	light brown slight odor
9:10	15	9.51	1.82	2.43	6.3	0.111	10.34	0.05	7.33	43.8	-107	light brown slight odor
9:25	15	9.54	1.82	4.25	6.4	0.103	10.4	0.04	5.12	29.8	-103	light brown slight odor
9:30	5	9.54	0.61	4.86	6.3	0.102	10.43	0.04	4.35	21.1	-105	light brown slight odor

Notes:

DTW, DTP and TD measurements are from Top of Casing (TOC)
* Well Volume = 5.8752*D^{2}*WC, where D = well diameter (feet).
WC = Water Column (ft)
PID = Photoionization Detector
PPM = Parts per Million
DTW = Dept to Water
DTP = Dept to Product
TD = Total Depth
ND - Not detected

Cond = Conductivity
T = Temperature
sal = Salinity
DO = Dissolved Oxygen
ORP = Oxidation Reduction Potential

gal = Gallons
min = Minutes
^{o}C = Degrees Celcius
ft-bg = feet below grade
mS/cm = MilliSiemens per Centimeter
s.u. = Standard Units
NTUs = Nephelemetric Turbidity Units
mg/L = Milligrams per Liter
mV = millivolts

APPENIX A
Laboratory Reports

New Jersey ACCUTEST LABORATORIES

05/06/11

Technical Report for

Fleming-Lee Shue, Inc.

AFFCO, 361 Walsh Avenue, New Windsor, NY

10000-013 / PO#FP0228

Accutest Job Number: JA73846

Sampling Date: 04/21/11

Report to:

Fleming-Lee Shue, Inc.
158 West 29th Street
9th Floor
New York, NY 10001

ATTN: Mohamed Ahmed

Total number of pages in report: **87**

ACCREDITED IN ACCORDANCE WITH nelac

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

David N. Speis
VP, Laboratory Director

Client Service contact: Tammy McCloskey 732-329-0200

Certifications: NJ(12129), NY(10983), CA, CT, DE, FL, IL, IN, KS, KY, LA, MA, MD, MI, MT, NC, PA, RI, SC, TN, VA, WV

Sections: 1 2 3 4 5

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Sample Summary

Fleming-Lee Shue, Inc.

Job No: JA73846

AFFCO, 361 Walsh Avenue, New Windsor, NY
Project No: 10000-013 / PO#FP0228

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
JA73846-1	04/21/11	09:00	BM	04/22/11	AQ	Ground Water	EW-O
JA73846-1F	04/21/11	09:00	BM	04/22/11	AQ	Groundwater Filtered	EW-O
JA73846-2	04/21/11	11:00	BM	04/22/11	AQ	Ground Water	E1-NEW
JA73846-2F	04/21/11	11:00	BM	04/22/11	AQ	Groundwater Filtered	E1-NEW
JA73846-3	04/21/11	12:00	BM	04/22/11	AQ	Ground Water	S-8
JA73846-3F	04/21/11	12:00	BM	04/22/11	AQ	Groundwater Filtered	S-8
JA73846-4	04/21/11	11:30	BM	04/22/11	AQ	Field Blank Water	FB042111
JA73846-4F	04/21/11	11:30	BM	04/22/11	AQ	Field Blank Filtered	FB042111
JA73846-5	04/21/11	12:24	BM	04/22/11	SO	Soil	SB-3 (14-15)
JA73846-6	04/21/11	12:45	BM	04/22/11	SO	Soil	SB-2 (4-8)
JA73846-7	04/21/11	14:50	BM	04/22/11	SO	Soil	SB-4 (8-12)
JA73846-8	04/21/11	15:15	BM	04/22/11	SO	Soil	SB-1 (0-2)
JA73846-9	04/21/11	15:17	BM	04/22/11	SO	Soil	SB-1 (2-4)

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

Sample Summary
(continued)

Fleming-Lee Shue, Inc.

Job No: JA73846

AFFCO, 361 Walsh Avenue, New Windsor, NY
Project No: 10000-013 / PO#FP0228

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
JA73846-10	04/21/11	15:19	BM	04/22/11	SO	Soil	SB-1 (4-6)
JA73846-11	04/21/11	15:21	BM	04/22/11	SO	Soil	SB-1 (6-8)
JA73846-12	04/21/11	15:23	BM	04/22/11	SO	Soil	SB-1 (8-10)
JA73846-13	04/21/11	15:25	BM	04/22/11	SO	Soil	SB-1 (10-12)
JA73846-14	04/21/11	15:27	BM	04/22/11	SO	Soil	SB-1 (12-14)
JA73846-15	04/21/11	15:29	BM	04/22/11	SO	Soil	SB-1 (14-15)
JA73846-16	04/21/11	16:00	BM	04/22/11	SO	Soil	SB-5 (4-6)
JA73846-17	04/21/11	16:10	BM	04/22/11	AQ	Field Blank Soil	FB042111 SO

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

Sample Results

Report of Analysis

Accutest Laboratories

Report of Analysis

Client Sample ID: EW-O
Lab Sample ID: JA73846-1 **Date Sampled:** 04/21/11
Matrix: AQ - Ground Water **Date Received:** 04/22/11
Method: SW846 8260B **Percent Solids:** n/a
Project: AFFCO, 361 Walsh Avenue, New Windsor, NY

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3B69704.D	20	04/27/11	TLR	n/a	n/a	V3B3252
Run #2	3B69705.D	200	04/27/11	TLR	n/a	n/a	V3B3252

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	200	57	ug/l	
71-43-2	Benzene	ND	20	4.7	ug/l	
75-27-4	Bromodichloromethane	ND	20	4.4	ug/l	
75-25-2	Bromoform	ND	80	4.6	ug/l	
74-83-9	Bromomethane	ND	40	5.9	ug/l	
78-93-3	2-Butanone (MEK)	ND	200	32	ug/l	
75-15-0	Carbon disulfide	ND	40	15	ug/l	
56-23-5	Carbon tetrachloride	ND	20	5.1	ug/l	
108-90-7	Chlorobenzene	ND	20	7.8	ug/l	
75-00-3	Chloroethane	270	20	7.4	ug/l	
67-66-3	Chloroform	ND	20	4.7	ug/l	
74-87-3	Chloromethane	ND	20	5.8	ug/l	
124-48-1	Dibromochloromethane	ND	20	4.3	ug/l	
75-34-3	1,1-Dichloroethane	1560	20	5.7	ug/l	
107-06-2	1,2-Dichloroethane	ND	20	6.7	ug/l	
75-35-4	1,1-Dichloroethene	154	20	7.9	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	20	4.3	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	20	5.0	ug/l	
540-59-0	1,2-Dichloroethene (total)	ND	20	4.3	ug/l	
78-87-5	1,2-Dichloropropane	ND	20	5.5	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	20	5.0	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	20	4.3	ug/l	
100-41-4	Ethylbenzene	ND	20	5.4	ug/l	
591-78-6	2-Hexanone	ND	100	28	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	20	4.7	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	100	17	ug/l	
75-09-2	Methylene chloride	ND	40	6.1	ug/l	
100-42-5	Styrene	ND	100	12	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	20	4.8	ug/l	
127-18-4	Tetrachloroethene	ND	20	5.3	ug/l	
108-88-3	Toluene	ND	20	6.0	ug/l	
71-55-6	1,1,1-Trichloroethane	9940 [a]	200	51	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

Accutest Laboratories

Report of Analysis

Client Sample ID:	EW-O		
Lab Sample ID:	JA73846-1	**Date Sampled:**	04/21/11
Matrix:	AQ - Ground Water	**Date Received:**	04/22/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	AFFCO, 361 Walsh Avenue, New Windsor, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
79-00-5	1,1,2-Trichloroethane	ND	20	4.6	ug/l	
79-01-6	Trichloroethene	ND	20	4.8	ug/l	
75-01-4	Vinyl chloride	ND	20	8.9	ug/l	
1330-20-7	Xylene (total)	ND	20	5.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	118%	120%	77-120%
17060-07-0	1,2-Dichloroethane-D4	115%	122%	70-127%
2037-26-5	Toluene-D8	104%	105%	79-120%
460-00-4	4-Bromofluorobenzene	97%	98%	76-118%

(a) Result is from Run# 2

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

Accutest Laboratories

Report of Analysis

Client Sample ID:	EW-O		
Lab Sample ID:	JA73846-1	**Date Sampled:**	04/21/11
Matrix:	AQ - Ground Water	**Date Received:**	04/22/11
		Percent Solids:	n/a
Project:	AFFCO, 361 Walsh Avenue, New Windsor, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Nitrogen, Nitrate [a]	0.96	0.11	mg/l	1	05/04/11 12:58	MG	EPA353.2/SM4500NO2B
Nitrogen, Nitrate + Nitrite	0.96	0.10	mg/l	1	05/04/11 12:58	MG	EPA 353.2/LACHAT
Nitrogen, Nitrite	< 0.010	0.010	mg/l	1	04/22/11 16:36	ML	SM19 4500NO2B
Sulfate	22.5	10	mg/l	1	05/05/11 01:12	AE	EPA 300/SW846 9056

Field Parameters

Iron, Ferrous	3.0	0.50	mg/l	1	04/21/11 09:00	SUB	LAMOTTE FIELD
Oxygen, Dissolved (Field)	4.35	1.0	mg/l	1	04/21/11 09:00	SUB	SM20 4500 O-G
Redox Potential Vs H2	-110		mv	1	04/21/11 09:00	SUB	ASTM D1498-76
Specific Conductivity (Field)	102	0.50	umhos/cm	1	04/21/11 09:00	SUB	SM20 2510B
pH (Field)	6.30		su	1	04/21/11 09:00	SUB	SM20 4500H B

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

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	EW-O		
Lab Sample ID:	JA73846-1F	**Date Sampled:**	04/21/11
Matrix:	AQ - Groundwater Filtered	**Date Received:**	04/22/11
		Percent Solids:	n/a
Project:	AFFCO, 361 Walsh Avenue, New Windsor, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Dissolved Organic Carbon	5.2	1.0	mg/l	1	05/04/11 04:51	SJG	SM20 5310B,9060 M

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID: E1-NEW
Lab Sample ID: JA73846-2 **Date Sampled:** 04/21/11
Matrix: AQ - Ground Water **Date Received:** 04/22/11
Method: SW846 8260B **Percent Solids:** n/a
Project: AFFCO, 361 Walsh Avenue, New Windsor, NY

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3B69799.D	1	04/30/11	TLR	n/a	n/a	V3B3257
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	2.9	ug/l	
71-43-2	Benzene	ND	1.0	0.23	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.22	ug/l	
75-25-2	Bromoform	ND	4.0	0.23	ug/l	
74-83-9	Bromomethane	ND	2.0	0.30	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	1.6	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.74	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.26	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.39	ug/l	
75-00-3	Chloroethane	3.7	1.0	0.37	ug/l	
67-66-3	Chloroform	0.48	1.0	0.23	ug/l	J
74-87-3	Chloromethane	ND	1.0	0.29	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.22	ug/l	
75-34-3	1,1-Dichloroethane	51.4	1.0	0.29	ug/l	
107-06-2	1,2-Dichloroethane	3.8	1.0	0.33	ug/l	
75-35-4	1,1-Dichloroethene	12.3	1.0	0.40	ug/l	
156-59-2	cis-1,2-Dichloroethene	1.5	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethene	0.75	1.0	0.25	ug/l	J
540-59-0	1,2-Dichloroethene (total)	2.3	1.0	0.22	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.27	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	0.21	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
591-78-6	2-Hexanone	ND	5.0	1.4	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	0.86	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.30	ug/l	
100-42-5	Styrene	ND	5.0	0.58	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.24	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.27	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
71-55-6	1,1,1-Trichloroethane	16.2	1.0	0.26	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

Accutest Laboratories

Report of Analysis

Client Sample ID:	E1-NEW		
Lab Sample ID:	JA73846-2	**Date Sampled:**	04/21/11
Matrix:	AQ - Ground Water	**Date Received:**	04/22/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	AFFCO, 361 Walsh Avenue, New Windsor, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.23	ug/l	
79-01-6	Trichloroethene	2.1	1.0	0.24	ug/l	
75-01-4	Vinyl chloride	2.0	1.0	0.44	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	107%		77-120%
17060-07-0	1,2-Dichloroethane-D4	114%		70-127%
2037-26-5	Toluene-D8	114%		79-120%
460-00-4	4-Bromofluorobenzene	105%		76-118%

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

Accutest Laboratories

Report of Analysis

Client Sample ID: E1-NEW
Lab Sample ID: JA73846-2 **Date Sampled:** 04/21/11
Matrix: AQ - Ground Water **Date Received:** 04/22/11
Percent Solids: n/a
Project: AFFCO, 361 Walsh Avenue, New Windsor, NY

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Nitrogen, Nitrate [a]	< 0.11	0.11	mg/l	1	05/04/11 12:59	MG	EPA353.2/SM4500NO2B
Nitrogen, Nitrate + Nitrite	< 0.10	0.10	mg/l	1	05/04/11 12:59	MG	EPA 353.2/LACHAT
Nitrogen, Nitrite	< 0.010	0.010	mg/l	1	04/22/11 16:36	ML	SM19 4500NO2B
Sulfate	26.8	10	mg/l	1	05/05/11 01:34	AE	EPA 300/SW846 9056

Field Parameters

Iron, Ferrous	0.80	0.50	mg/l	1	04/21/11 11:00	SUB	LAMOTTE FIELD
Oxygen, Dissolved (Field)	< 1.0	1.0	mg/l	1	04/21/11 11:00	SUB	SM20 4500 O-G
Redox Potential Vs H2	-56		mv	1	04/21/11 11:00	SUB	ASTM D1498-76
Specific Conductivity (Field)	46200	0.50	umhos/cm	1	04/21/11 11:00	SUB	SM20 2510B
pH (Field)	6.20		su	1	04/21/11 11:00	SUB	SM20 4500H B

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

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	E1-NEW		
Lab Sample ID:	JA73846-2F	**Date Sampled:**	04/21/11
Matrix:	AQ - Groundwater Filtered	**Date Received:**	04/22/11
		Percent Solids:	n/a
Project:	AFFCO, 361 Walsh Avenue, New Windsor, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Dissolved Organic Carbon	1.6	1.0	mg/l	1	05/04/11 05:07	SJG	SM20 5310B,9060 M

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID: S-8
Lab Sample ID: JA73846-3 **Date Sampled:** 04/21/11
Matrix: AQ - Ground Water **Date Received:** 04/22/11
Method: SW846 8260B **Percent Solids:** n/a
Project: AFFCO, 361 Walsh Avenue, New Windsor, NY

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3B69800.D	1	04/30/11	TLR	n/a	n/a	V3B3257
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	2.9	ug/l	
71-43-2	Benzene	ND	1.0	0.23	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.22	ug/l	
75-25-2	Bromoform	ND	4.0	0.23	ug/l	
74-83-9	Bromomethane	ND	2.0	0.30	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	1.6	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.74	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.26	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.39	ug/l	
75-00-3	Chloroethane	118	1.0	0.37	ug/l	
67-66-3	Chloroform	ND	1.0	0.23	ug/l	
74-87-3	Chloromethane	ND	1.0	0.29	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.22	ug/l	
75-34-3	1,1-Dichloroethane	122	1.0	0.29	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.33	ug/l	
75-35-4	1,1-Dichloroethene	4.7	1.0	0.40	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.25	ug/l	
540-59-0	1,2-Dichloroethene (total)	ND	1.0	0.22	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.27	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	0.21	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
591-78-6	2-Hexanone	ND	5.0	1.4	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	0.86	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.30	ug/l	
100-42-5	Styrene	ND	5.0	0.58	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.24	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.27	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
71-55-6	1,1,1-Trichloroethane	111	1.0	0.26	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

Accutest Laboratories

Report of Analysis

Client Sample ID:	S-8		
Lab Sample ID:	JA73846-3	**Date Sampled:**	04/21/11
Matrix:	AQ - Ground Water	**Date Received:**	04/22/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	AFFCO, 361 Walsh Avenue, New Windsor, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.23	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.24	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.44	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	107%		77-120%
17060-07-0	1,2-Dichloroethane-D4	113%		70-127%
2037-26-5	Toluene-D8	116%		79-120%
460-00-4	4-Bromofluorobenzene	106%		76-118%

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

Accutest Laboratories

Report of Analysis

Client Sample ID:	S-8		
Lab Sample ID:	JA73846-3	**Date Sampled:**	04/21/11
Matrix:	AQ - Ground Water	**Date Received:**	04/22/11
		Percent Solids:	n/a
Project:	AFFCO, 361 Walsh Avenue, New Windsor, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Nitrogen, Nitrate [a]	< 0.11	0.11	mg/l	1	05/04/11 13:00	MG	EPA353.2/SM4500NO2B
Nitrogen, Nitrate + Nitrite	< 0.10	0.10	mg/l	1	05/04/11 13:00	MG	EPA 353.2/LACHAT
Nitrogen, Nitrite	< 0.010	0.010	mg/l	1	04/22/11 16:36	ML	SM19 4500NO2B
Sulfate	< 10	10	mg/l	1	05/05/11 01:56	AE	EPA 300/SW846 9056

Field Parameters

Iron, Ferrous	< 0.50	0.50	mg/l	1	04/21/11 12:00	SUB	LAMOTTE FIELD
Oxygen, Dissolved (Field)	< 1.0	1.0	mg/l	1	04/21/11 12:00	SUB	SM20 4500 O-G
Redox Potential Vs H2	-280		mv	1	04/21/11 12:00	SUB	ASTM D1498-76
Specific Conductivity (Field)	55600	0.50	umhos/cm	1	04/21/11 12:00	SUB	SM20 2510B
pH (Field)	7.50		su	1	04/21/11 12:00	SUB	SM20 4500H B

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

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	S-8		
Lab Sample ID:	JA73846-3F	**Date Sampled:**	04/21/11
Matrix:	AQ - Groundwater Filtered	**Date Received:**	04/22/11
		Percent Solids:	n/a
Project:	AFFCO, 361 Walsh Avenue, New Windsor, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Dissolved Organic Carbon	< 1.0	1.0	mg/l	1	05/04/11 05:25	SJG	SM20 5310B,9060 M

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID: FB042111
Lab Sample ID: JA73846-4 **Date Sampled:** 04/21/11
Matrix: AQ - Field Blank Water **Date Received:** 04/22/11
Method: SW846 8260B **Percent Solids:** n/a
Project: AFFCO, 361 Walsh Avenue, New Windsor, NY

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3B69797.D	1	04/30/11	TLR	n/a	n/a	V3B3257
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	2.9	ug/l	
71-43-2	Benzene	ND	1.0	0.23	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.22	ug/l	
75-25-2	Bromoform	ND	4.0	0.23	ug/l	
74-83-9	Bromomethane	ND	2.0	0.30	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	1.6	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.74	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.26	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.39	ug/l	
75-00-3	Chloroethane	ND	1.0	0.37	ug/l	
67-66-3	Chloroform	ND	1.0	0.23	ug/l	
74-87-3	Chloromethane	ND	1.0	0.29	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.22	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.29	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.33	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.40	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.25	ug/l	
540-59-0	1,2-Dichloroethene (total)	ND	1.0	0.22	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.27	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	0.21	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
591-78-6	2-Hexanone	ND	5.0	1.4	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	0.86	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.30	ug/l	
100-42-5	Styrene	ND	5.0	0.58	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.24	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.27	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.26	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

Accutest Laboratories

Report of Analysis

Client Sample ID:	FB042111		
Lab Sample ID:	JA73846-4	**Date Sampled:**	04/21/11
Matrix:	AQ - Field Blank Water	**Date Received:**	04/22/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	AFFCO, 361 Walsh Avenue, New Windsor, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.23	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.24	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.44	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%		77-120%
17060-07-0	1,2-Dichloroethane-D4	113%		70-127%
2037-26-5	Toluene-D8	113%		79-120%
460-00-4	4-Bromofluorobenzene	107%		76-118%

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

Accutest Laboratories

Report of Analysis

Client Sample ID: FB042111
Lab Sample ID: JA73846-4
Matrix: AQ - Field Blank Water
Project: AFFCO, 361 Walsh Avenue, New Windsor, NY

Date Sampled: 04/21/11
Date Received: 04/22/11
Percent Solids: n/a

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Nitrogen, Nitrate [a]	< 0.11	0.11	mg/l	1	05/04/11 13:04	MG	EPA353.2/SM4500NO2B
Nitrogen, Nitrate + Nitrite	< 0.10	0.10	mg/l	1	05/04/11 13:04	MG	EPA 353.2/LACHAT
Nitrogen, Nitrite	< 0.010	0.010	mg/l	1	04/22/11 16:36	ML	SM19 4500NO2B
Sulfate	< 10	10	mg/l	1	05/05/11 02:18	AE	EPA 300/SW846 9056

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

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	FB042111		
Lab Sample ID:	JA73846-4F	**Date Sampled:**	04/21/11
Matrix:	AQ - Field Blank Filtered	**Date Received:**	04/22/11
		Percent Solids:	n/a
Project:	AFFCO, 361 Walsh Avenue, New Windsor, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Dissolved Organic Carbon	< 1.0	1.0	mg/l	1	05/04/11 05:40	SJG	SM20 5310B,9060 M

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	SB-3 (14-15)		
Lab Sample ID:	JA73846-5	**Date Sampled:**	04/21/11
Matrix:	SO - Soil	**Date Received:**	04/22/11
Method:	SW846 8260B	**Percent Solids:**	91.4
Project:	AFFCO, 361 Walsh Avenue, New Windsor, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	D181710.D	1	05/04/11	MAH	n/a	n/a	VD7379
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	13.1 g	10.0 ml	10.0 ul
Run #2			

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	4600	1000	ug/kg	
71-43-2	Benzene	ND	460	160	ug/kg	
75-27-4	Bromodichloromethane	ND	2300	120	ug/kg	
75-25-2	Bromoform	ND	2300	70	ug/kg	
74-83-9	Bromomethane	ND	2300	190	ug/kg	
78-93-3	2-Butanone (MEK)	ND	4600	920	ug/kg	
75-15-0	Carbon disulfide	ND	2300	140	ug/kg	
56-23-5	Carbon tetrachloride	ND	2300	260	ug/kg	
108-90-7	Chlorobenzene	ND	2300	160	ug/kg	
75-00-3	Chloroethane	679	2300	460	ug/kg	J
67-66-3	Chloroform	ND	2300	150	ug/kg	
74-87-3	Chloromethane	ND	2300	77	ug/kg	
124-48-1	Dibromochloromethane	ND	2300	51	ug/kg	
75-34-3	1,1-Dichloroethane	13200	2300	64	ug/kg	
107-06-2	1,2-Dichloroethane	309	460	160	ug/kg	J
75-35-4	1,1-Dichloroethene	1000	2300	310	ug/kg	J
156-59-2	cis-1,2-Dichloroethene	ND	2300	110	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	2300	210	ug/kg	
540-59-0	1,2-Dichloroethene (total)	ND	2300	110	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2300	60	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2300	62	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2300	45	ug/kg	
100-41-4	Ethylbenzene	ND	460	170	ug/kg	
591-78-6	2-Hexanone	ND	2300	450	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	460	130	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	2300	380	ug/kg	
75-09-2	Methylene chloride	ND	2300	100	ug/kg	
100-42-5	Styrene	ND	2300	50	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2300	140	ug/kg	
127-18-4	Tetrachloroethene	ND	2300	67	ug/kg	
108-88-3	Toluene	1130	460	140	ug/kg	
71-55-6	1,1,1-Trichloroethane	52700	2300	59	ug/kg	

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

Accutest Laboratories

Report of Analysis

Client Sample ID:	SB-3 (14-15)		
Lab Sample ID:	JA73846-5	**Date Sampled:**	04/21/11
Matrix:	SO - Soil	**Date Received:**	04/22/11
Method:	SW846 8260B	**Percent Solids:**	91.4
Project:	AFFCO, 361 Walsh Avenue, New Windsor, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
79-00-5	1,1,2-Trichloroethane	ND	2300	86	ug/kg	
79-01-6	Trichloroethene	ND	2300	240	ug/kg	
75-01-4	Vinyl chloride	ND	2300	83	ug/kg	
1330-20-7	Xylene (total)	ND	930	220	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	93%		67-131%
17060-07-0	1,2-Dichloroethane-D4	105%		66-130%
2037-26-5	Toluene-D8	99%		76-125%
460-00-4	4-Bromofluorobenzene	93%		53-142%

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

Accutest Laboratories

Report of Analysis

Client Sample ID:	SB-2 (4-8)		
Lab Sample ID:	JA73846-6	**Date Sampled:**	04/21/11
Matrix:	SO - Soil	**Date Received:**	04/22/11
Method:	SW846 8260B	**Percent Solids:**	84.6
Project:	AFFCO, 361 Walsh Avenue, New Windsor, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	D181720.D	1	05/04/11	MAH	n/a	n/a	VD7379
Run #2	D181729.D	1	05/04/11	MAH	n/a	n/a	VD7380

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	9.7 g	10.0 ml	10.0 ul
Run #2	9.7 g	10.0 ml	0.50 ul

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	7000	1600	ug/kg	
71-43-2	Benzene	ND	700	240	ug/kg	
75-27-4	Bromodichloromethane	ND	3500	180	ug/kg	
75-25-2	Bromoform	ND	3500	110	ug/kg	
74-83-9	Bromomethane	ND	3500	280	ug/kg	
78-93-3	2-Butanone (MEK)	ND	7000	1400	ug/kg	
75-15-0	Carbon disulfide	ND	3500	210	ug/kg	
56-23-5	Carbon tetrachloride	ND	3500	390	ug/kg	
108-90-7	Chlorobenzene	ND	3500	240	ug/kg	
75-00-3	Chloroethane	ND	3500	700	ug/kg	
67-66-3	Chloroform	ND	3500	220	ug/kg	
74-87-3	Chloromethane	ND	3500	120	ug/kg	
124-48-1	Dibromochloromethane	ND	3500	77	ug/kg	
75-34-3	1,1-Dichloroethane	1000	3500	97	ug/kg	J
107-06-2	1,2-Dichloroethane	989	700	240	ug/kg	
75-35-4	1,1-Dichloroethene	26900	3500	460	ug/kg	
156-59-2	cis-1,2-Dichloroethene	486	3500	170	ug/kg	J
156-60-5	trans-1,2-Dichloroethene	783	3500	310	ug/kg	J
540-59-0	1,2-Dichloroethene (total)	1270	3500	170	ug/kg	J
78-87-5	1,2-Dichloropropane	ND	3500	91	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	3500	93	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	3500	67	ug/kg	
100-41-4	Ethylbenzene	ND	700	260	ug/kg	
591-78-6	2-Hexanone	ND	3500	670	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	700	200	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	3500	570	ug/kg	
75-09-2	Methylene chloride	ND	3500	160	ug/kg	
100-42-5	Styrene	ND	3500	75	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	3500	210	ug/kg	
127-18-4	Tetrachloroethene	386	3500	100	ug/kg	J
108-88-3	Toluene	ND	700	200	ug/kg	
71-55-6	1,1,1-Trichloroethane	1210000 [a]	70000	1800	ug/kg	

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

Accutest Laboratories

Report of Analysis

Client Sample ID:	SB-2 (4-8)		
Lab Sample ID:	JA73846-6	**Date Sampled:**	04/21/11
Matrix:	SO - Soil	**Date Received:**	04/22/11
Method:	SW846 8260B	**Percent Solids:**	84.6
Project:	AFFCO, 361 Walsh Avenue, New Windsor, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
79-00-5	1,1,2-Trichloroethane	928	3500	130	ug/kg	J
79-01-6	Trichloroethene	2450	3500	370	ug/kg	J
75-01-4	Vinyl chloride	ND	3500	120	ug/kg	
1330-20-7	Xylene (total)	ND	1400	330	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	96%	95%	67-131%
17060-07-0	1,2-Dichloroethane-D4	110%	109%	66-130%
2037-26-5	Toluene-D8	97%	100%	76-125%
460-00-4	4-Bromofluorobenzene	92%	96%	53-142%

(a) Result is from Run# 2

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

Accutest Laboratories

Report of Analysis

Client Sample ID:	SB-4 (8-12)		
Lab Sample ID:	JA73846-7	**Date Sampled:**	04/21/11
Matrix:	SO - Soil	**Date Received:**	04/22/11
Method:	SW846 8260B	**Percent Solids:**	86.7
Project:	AFFCO, 361 Walsh Avenue, New Windsor, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	D181709.D	1	05/04/11	MAH	n/a	n/a	VD7379
Run #2	D181730.D	1	05/04/11	MAH	n/a	n/a	VD7380

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	12.5 g	10.0 ml	100 ul
Run #2	12.5 g	10.0 ml	20.0 ul

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	540	120	ug/kg	
71-43-2	Benzene	ND	54	18	ug/kg	
75-27-4	Bromodichloromethane	ND	270	14	ug/kg	
75-25-2	Bromoform	ND	270	8.1	ug/kg	
74-83-9	Bromomethane	ND	270	22	ug/kg	
78-93-3	2-Butanone (MEK)	ND	540	110	ug/kg	
75-15-0	Carbon disulfide	ND	270	16	ug/kg	
56-23-5	Carbon tetrachloride	ND	270	30	ug/kg	
108-90-7	Chlorobenzene	ND	270	18	ug/kg	
75-00-3	Chloroethane	329	270	54	ug/kg	
67-66-3	Chloroform	ND	270	17	ug/kg	
74-87-3	Chloromethane	ND	270	8.9	ug/kg	
124-48-1	Dibromochloromethane	ND	270	5.9	ug/kg	
75-34-3	1,1-Dichloroethane	7340	270	7.4	ug/kg	
107-06-2	1,2-Dichloroethane	188	54	19	ug/kg	
75-35-4	1,1-Dichloroethene	974	270	36	ug/kg	
156-59-2	cis-1,2-Dichloroethene	134	270	13	ug/kg	J
156-60-5	trans-1,2-Dichloroethene	74.3	270	24	ug/kg	J
540-59-0	1,2-Dichloroethene (total)	208	270	13	ug/kg	J
78-87-5	1,2-Dichloropropane	ND	270	7.0	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	270	7.2	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	270	5.2	ug/kg	
100-41-4	Ethylbenzene	ND	54	20	ug/kg	
591-78-6	2-Hexanone	ND	270	52	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	54	15	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	270	44	ug/kg	
75-09-2	Methylene chloride	ND	270	12	ug/kg	
100-42-5	Styrene	ND	270	5.8	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	270	16	ug/kg	
127-18-4	Tetrachloroethene	49.4	270	7.8	ug/kg	J
108-88-3	Toluene	56.5	54	16	ug/kg	
71-55-6	1,1,1-Trichloroethane	12000 [a]	1300	34	ug/kg	

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

Accutest Laboratories

Report of Analysis

Client Sample ID:	SB-4 (8-12)		
Lab Sample ID:	JA73846-7	**Date Sampled:**	04/21/11
Matrix:	SO - Soil	**Date Received:**	04/22/11
Method:	SW846 8260B	**Percent Solids:**	86.7
Project:	AFFCO, 361 Walsh Avenue, New Windsor, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
79-00-5	1,1,2-Trichloroethane	ND	270	10	ug/kg	
79-01-6	Trichloroethene	1410	270	28	ug/kg	
75-01-4	Vinyl chloride	ND	270	9.6	ug/kg	
1330-20-7	Xylene (total)	ND	110	25	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	93%	95%	67-131%
17060-07-0	1,2-Dichloroethane-D4	105%	111%	66-130%
2037-26-5	Toluene-D8	99%	101%	76-125%
460-00-4	4-Bromofluorobenzene	93%	94%	53-142%

(a) Result is from Run# 2

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

Accutest Laboratories

Report of Analysis

Client Sample ID:	SB-1 (0-2)		
Lab Sample ID:	JA73846-8	**Date Sampled:**	04/21/11
Matrix:	SO - Soil	**Date Received:**	04/22/11
Method:	SW846 8260B	**Percent Solids:**	85.3
Project:	AFFCO, 361 Walsh Avenue, New Windsor, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	D181711.D	1	05/04/11	MAH	n/a	n/a	VD7379
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	12.8 g	10.0 ml	5.0 ul
Run #2			

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	11000	2400	ug/kg	
71-43-2	Benzene	ND	1100	370	ug/kg	
75-27-4	Bromodichloromethane	ND	5400	280	ug/kg	
75-25-2	Bromoform	ND	5400	160	ug/kg	
74-83-9	Bromomethane	ND	5400	440	ug/kg	
78-93-3	2-Butanone (MEK)	ND	11000	2100	ug/kg	
75-15-0	Carbon disulfide	ND	5400	330	ug/kg	
56-23-5	Carbon tetrachloride	ND	5400	600	ug/kg	
108-90-7	Chlorobenzene	ND	5400	370	ug/kg	
75-00-3	Chloroethane	ND	5400	1100	ug/kg	
67-66-3	Chloroform	ND	5400	350	ug/kg	
74-87-3	Chloromethane	ND	5400	180	ug/kg	
124-48-1	Dibromochloromethane	ND	5400	120	ug/kg	
75-34-3	1,1-Dichloroethane	333	5400	150	ug/kg	J
107-06-2	1,2-Dichloroethane	ND	1100	380	ug/kg	
75-35-4	1,1-Dichloroethene	2780	5400	720	ug/kg	J
156-59-2	cis-1,2-Dichloroethene	ND	5400	260	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	5400	490	ug/kg	
540-59-0	1,2-Dichloroethene (total)	ND	5400	260	ug/kg	
78-87-5	1,2-Dichloropropane	ND	5400	140	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	5400	140	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	5400	100	ug/kg	
100-41-4	Ethylbenzene	ND	1100	400	ug/kg	
591-78-6	2-Hexanone	ND	5400	1000	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1100	310	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5400	880	ug/kg	
75-09-2	Methylene chloride	ND	5400	240	ug/kg	
100-42-5	Styrene	ND	5400	120	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	5400	320	ug/kg	
127-18-4	Tetrachloroethene	ND	5400	160	ug/kg	
108-88-3	Toluene	ND	1100	320	ug/kg	
71-55-6	1,1,1-Trichloroethane	155000	5400	140	ug/kg	

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

Accutest Laboratories

Report of Analysis

Client Sample ID:	SB-1 (0-2)		
Lab Sample ID:	JA73846-8	**Date Sampled:**	04/21/11
Matrix:	SO - Soil	**Date Received:**	04/22/11
Method:	SW846 8260B	**Percent Solids:**	85.3
Project:	AFFCO, 361 Walsh Avenue, New Windsor, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
79-00-5	1,1,2-Trichloroethane	ND	5400	200	ug/kg	
79-01-6	Trichloroethene	ND	5400	570	ug/kg	
75-01-4	Vinyl chloride	ND	5400	190	ug/kg	
1330-20-7	Xylene (total)	ND	2200	510	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	96%		67-131%
17060-07-0	1,2-Dichloroethane-D4	106%		66-130%
2037-26-5	Toluene-D8	106%		76-125%
460-00-4	4-Bromofluorobenzene	94%		53-142%

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

Accutest Laboratories

Report of Analysis

Client Sample ID:	SB-1 (2-4)		
Lab Sample ID:	JA73846-9	**Date Sampled:**	04/21/11
Matrix:	SO - Soil	**Date Received:**	04/22/11
Method:	SW846 8260B	**Percent Solids:**	86.8
Project:	AFFCO, 361 Walsh Avenue, New Windsor, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	D181712.D	1	05/04/11	MAH	n/a	n/a	VD7379
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	11.4 g	10.0 ml	0.20 ul
Run #2			

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	290000	65000	ug/kg	
71-43-2	Benzene	ND	29000	9900	ug/kg	
75-27-4	Bromodichloromethane	ND	150000	7500	ug/kg	
75-25-2	Bromoform	ND	150000	4400	ug/kg	
74-83-9	Bromomethane	ND	150000	12000	ug/kg	
78-93-3	2-Butanone (MEK)	ND	290000	57000	ug/kg	
75-15-0	Carbon disulfide	ND	150000	8900	ug/kg	
56-23-5	Carbon tetrachloride	ND	150000	16000	ug/kg	
108-90-7	Chlorobenzene	ND	150000	9900	ug/kg	
75-00-3	Chloroethane	ND	150000	29000	ug/kg	
67-66-3	Chloroform	ND	150000	9200	ug/kg	
74-87-3	Chloromethane	ND	150000	4800	ug/kg	
124-48-1	Dibromochloromethane	ND	150000	3200	ug/kg	
75-34-3	1,1-Dichloroethane	ND	150000	4000	ug/kg	
107-06-2	1,2-Dichloroethane	ND	29000	10000	ug/kg	
75-35-4	1,1-Dichloroethene	86800	150000	19000	ug/kg	J
156-59-2	cis-1,2-Dichloroethene	ND	150000	6900	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	150000	13000	ug/kg	
540-59-0	1,2-Dichloroethene (total)	ND	150000	6900	ug/kg	
78-87-5	1,2-Dichloropropane	ND	150000	3800	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	150000	3900	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	150000	2800	ug/kg	
100-41-4	Ethylbenzene	ND	29000	11000	ug/kg	
591-78-6	2-Hexanone	ND	150000	28000	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	29000	8200	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	150000	24000	ug/kg	
75-09-2	Methylene chloride	ND	150000	6500	ug/kg	
100-42-5	Styrene	ND	150000	3100	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	150000	8500	ug/kg	
127-18-4	Tetrachloroethene	ND	150000	4200	ug/kg	
108-88-3	Toluene	ND	29000	8500	ug/kg	
71-55-6	1,1,1-Trichloroethane	5270000	150000	3700	ug/kg	

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

Accutest Laboratories

Report of Analysis

Client Sample ID:	SB-1 (2-4)		
Lab Sample ID:	JA73846-9	**Date Sampled:**	04/21/11
Matrix:	SO - Soil	**Date Received:**	04/22/11
Method:	SW846 8260B	**Percent Solids:**	86.8
Project:	AFFCO, 361 Walsh Avenue, New Windsor, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
79-00-5	1,1,2-Trichloroethane	ND	150000	5400	ug/kg	
79-01-6	Trichloroethene	ND	150000	15000	ug/kg	
75-01-4	Vinyl chloride	ND	150000	5200	ug/kg	
1330-20-7	Xylene (total)	ND	58000	14000	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	94%		67-131%
17060-07-0	1,2-Dichloroethane-D4	105%		66-130%
2037-26-5	Toluene-D8	106%		76-125%
460-00-4	4-Bromofluorobenzene	94%		53-142%

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

Accutest Laboratories

Report of Analysis

Client Sample ID:	SB-1 (4-6)		
Lab Sample ID:	JA73846-10	**Date Sampled:**	04/21/11
Matrix:	SO - Soil	**Date Received:**	04/22/11
Method:	SW846 8260B	**Percent Solids:**	79.7
Project:	AFFCO, 361 Walsh Avenue, New Windsor, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	D181713.D	1	05/04/11	MAH	n/a	n/a	VD7379
Run #2	D181731.D	1	05/04/11	MAH	n/a	n/a	VD7380

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	12.2 g	10.0 ml	20.0 ul
Run #2	12.2 g	10.0 ml	5.0 ul

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	3200	720	ug/kg	
71-43-2	Benzene	ND	320	110	ug/kg	
75-27-4	Bromodichloromethane	ND	1600	82	ug/kg	
75-25-2	Bromoform	ND	1600	48	ug/kg	
74-83-9	Bromomethane	ND	1600	130	ug/kg	
78-93-3	2-Butanone (MEK)	ND	3200	630	ug/kg	
75-15-0	Carbon disulfide	ND	1600	98	ug/kg	
56-23-5	Carbon tetrachloride	ND	1600	180	ug/kg	
108-90-7	Chlorobenzene	ND	1600	110	ug/kg	
75-00-3	Chloroethane	ND	1600	320	ug/kg	
67-66-3	Chloroform	ND	1600	100	ug/kg	
74-87-3	Chloromethane	ND	1600	53	ug/kg	
124-48-1	Dibromochloromethane	ND	1600	35	ug/kg	
75-34-3	1,1-Dichloroethane	287	1600	44	ug/kg	J
107-06-2	1,2-Dichloroethane	1630	320	110	ug/kg	
75-35-4	1,1-Dichloroethene	1810	1600	210	ug/kg	
156-59-2	cis-1,2-Dichloroethene	320	1600	77	ug/kg	J
156-60-5	trans-1,2-Dichloroethene	194	1600	140	ug/kg	J
540-59-0	1,2-Dichloroethene (total)	514	1600	77	ug/kg	J
78-87-5	1,2-Dichloropropane	ND	1600	42	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1600	43	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	1600	31	ug/kg	
100-41-4	Ethylbenzene	ND	320	120	ug/kg	
591-78-6	2-Hexanone	ND	1600	310	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	320	90	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	1600	260	ug/kg	
75-09-2	Methylene chloride	ND	1600	72	ug/kg	
100-42-5	Styrene	ND	1600	34	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1600	94	ug/kg	
127-18-4	Tetrachloroethene	615	1600	47	ug/kg	J
108-88-3	Toluene	1150	320	94	ug/kg	
71-55-6	1,1,1-Trichloroethane	85900 [a]	6400	160	ug/kg	

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

Accutest Laboratories

Report of Analysis

Client Sample ID:	SB-1 (4-6)		
Lab Sample ID:	JA73846-10	**Date Sampled:**	04/21/11
Matrix:	SO - Soil	**Date Received:**	04/22/11
Method:	SW846 8260B	**Percent Solids:**	79.7
Project:	AFFCO, 361 Walsh Avenue, New Windsor, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
79-00-5	1,1,2-Trichloroethane	1780	1600	59	ug/kg	
79-01-6	Trichloroethene	934	1600	170	ug/kg	J
75-01-4	Vinyl chloride	ND	1600	57	ug/kg	
1330-20-7	Xylene (total)	ND	640	150	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	97%	95%	67-131%
17060-07-0	1,2-Dichloroethane-D4	108%	107%	66-130%
2037-26-5	Toluene-D8	107%	101%	76-125%
460-00-4	4-Bromofluorobenzene	95%	93%	53-142%

(a) Result is from Run# 2

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

Accutest Laboratories

Report of Analysis

Client Sample ID:	SB-1 (6-8)		
Lab Sample ID:	JA73846-11	**Date Sampled:**	04/21/11
Matrix:	SO - Soil	**Date Received:**	04/22/11
Method:	SW846 8260B	**Percent Solids:**	89.5
Project:	AFFCO, 361 Walsh Avenue, New Windsor, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	D181714.D	1	05/04/11	MAH	n/a	n/a	VD7379
Run #2	D181735.D	1	05/04/11	MAH	n/a	n/a	VD7380

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	10.9 g	10.0 ml	40.0 ul
Run #2	10.9 g	10.0 ml	10.0 ul

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	1400	320	ug/kg	
71-43-2	Benzene	ND	140	49	ug/kg	
75-27-4	Bromodichloromethane	ND	710	37	ug/kg	
75-25-2	Bromoform	ND	710	22	ug/kg	
74-83-9	Bromomethane	ND	710	58	ug/kg	
78-93-3	2-Butanone (MEK)	ND	1400	280	ug/kg	
75-15-0	Carbon disulfide	ND	710	44	ug/kg	
56-23-5	Carbon tetrachloride	ND	710	79	ug/kg	
108-90-7	Chlorobenzene	ND	710	48	ug/kg	
75-00-3	Chloroethane	ND	710	140	ug/kg	
67-66-3	Chloroform	ND	710	45	ug/kg	
74-87-3	Chloromethane	ND	710	24	ug/kg	
124-48-1	Dibromochloromethane	ND	710	16	ug/kg	
75-34-3	1,1-Dichloroethane	36.6	710	20	ug/kg	J
107-06-2	1,2-Dichloroethane	ND	140	49	ug/kg	
75-35-4	1,1-Dichloroethene	544	710	95	ug/kg	J
156-59-2	cis-1,2-Dichloroethene	ND	710	34	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	710	64	ug/kg	
540-59-0	1,2-Dichloroethene (total)	ND	710	34	ug/kg	
78-87-5	1,2-Dichloropropane	ND	710	19	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	710	19	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	710	14	ug/kg	
100-41-4	Ethylbenzene	ND	140	53	ug/kg	
591-78-6	2-Hexanone	ND	710	140	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	140	40	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	710	120	ug/kg	
75-09-2	Methylene chloride	ND	710	32	ug/kg	
100-42-5	Styrene	ND	710	15	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	710	42	ug/kg	
127-18-4	Tetrachloroethene	ND	710	21	ug/kg	
108-88-3	Toluene	ND	140	42	ug/kg	
71-55-6	1,1,1-Trichloroethane	26000 [a]	2900	73	ug/kg	

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

Accutest Laboratories

Report of Analysis

Client Sample ID:	SB-1 (6-8)		
Lab Sample ID:	JA73846-11	**Date Sampled:**	04/21/11
Matrix:	SO - Soil	**Date Received:**	04/22/11
Method:	SW846 8260B	**Percent Solids:**	89.5
Project:	AFFCO, 361 Walsh Avenue, New Windsor, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
79-00-5	1,1,2-Trichloroethane	50.1	710	26	ug/kg	J
79-01-6	Trichloroethene	ND	710	75	ug/kg	
75-01-4	Vinyl chloride	ND	710	25	ug/kg	
1330-20-7	Xylene (total)	ND	290	67	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	96%	95%	67-131%
17060-07-0	1,2-Dichloroethane-D4	104%	107%	66-130%
2037-26-5	Toluene-D8	108%	100%	76-125%
460-00-4	4-Bromofluorobenzene	98%	92%	53-142%

(a) Result is from Run# 2

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

Accutest Laboratories

Report of Analysis

Client Sample ID:	SB-1 (8-10)		
Lab Sample ID:	JA73846-12	**Date Sampled:**	04/21/11
Matrix:	SO - Soil	**Date Received:**	04/22/11
Method:	SW846 8260B	**Percent Solids:**	82.2
Project:	AFFCO, 361 Walsh Avenue, New Windsor, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	D181715.D	1	05/04/11	MAH	n/a	n/a	VD7379
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	11.5 g	10.0 ml	5.0 ul
Run #2			

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	13000	2800	ug/kg	
71-43-2	Benzene	ND	1300	430	ug/kg	
75-27-4	Bromodichloromethane	ND	6400	330	ug/kg	
75-25-2	Bromoform	ND	6400	190	ug/kg	
74-83-9	Bromomethane	ND	6400	510	ug/kg	
78-93-3	2-Butanone (MEK)	ND	13000	2500	ug/kg	
75-15-0	Carbon disulfide	ND	6400	390	ug/kg	
56-23-5	Carbon tetrachloride	ND	6400	710	ug/kg	
108-90-7	Chlorobenzene	ND	6400	430	ug/kg	
75-00-3	Chloroethane	ND	6400	1300	ug/kg	
67-66-3	Chloroform	ND	6400	410	ug/kg	
74-87-3	Chloromethane	ND	6400	210	ug/kg	
124-48-1	Dibromochloromethane	ND	6400	140	ug/kg	
75-34-3	1,1-Dichloroethane	1520	6400	180	ug/kg	J
107-06-2	1,2-Dichloroethane	802	1300	440	ug/kg	J
75-35-4	1,1-Dichloroethene	4120	6400	840	ug/kg	J
156-59-2	cis-1,2-Dichloroethene	ND	6400	300	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	6400	570	ug/kg	
540-59-0	1,2-Dichloroethene (total)	ND	6400	300	ug/kg	
78-87-5	1,2-Dichloropropane	ND	6400	170	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	6400	170	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	6400	120	ug/kg	
100-41-4	Ethylbenzene	ND	1300	470	ug/kg	
591-78-6	2-Hexanone	ND	6400	1200	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1300	360	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	6400	1000	ug/kg	
75-09-2	Methylene chloride	ND	6400	280	ug/kg	
100-42-5	Styrene	ND	6400	140	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	6400	370	ug/kg	
127-18-4	Tetrachloroethene	ND	6400	180	ug/kg	
108-88-3	Toluene	525	1300	370	ug/kg	J
71-55-6	1,1,1-Trichloroethane	224000	6400	160	ug/kg	

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

Accutest Laboratories

Report of Analysis

Client Sample ID:	SB-1 (8-10)		
Lab Sample ID:	JA73846-12	**Date Sampled:**	04/21/11
Matrix:	SO - Soil	**Date Received:**	04/22/11
Method:	SW846 8260B	**Percent Solids:**	82.2
Project:	AFFCO, 361 Walsh Avenue, New Windsor, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
79-00-5	1,1,2-Trichloroethane	416	6400	240	ug/kg	J
79-01-6	Trichloroethene	946	6400	670	ug/kg	J
75-01-4	Vinyl chloride	ND	6400	230	ug/kg	
1330-20-7	Xylene (total)	ND	2500	600	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	96%		67-131%
17060-07-0	1,2-Dichloroethane-D4	107%		66-130%
2037-26-5	Toluene-D8	102%		76-125%
460-00-4	4-Bromofluorobenzene	95%		53-142%

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

Accutest Laboratories

Report of Analysis

Client Sample ID: SB-1 (10-12)
Lab Sample ID: JA73846-13 **Date Sampled:** 04/21/11
Matrix: SO - Soil **Date Received:** 04/22/11
Method: SW846 8260B **Percent Solids:** 81.4
Project: AFFCO, 361 Walsh Avenue, New Windsor, NY

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	D181716.D	1	05/04/11	MAH	n/a	n/a	VD7379
Run #2	D181736.D	1	05/04/11	MAH	n/a	n/a	VD7380

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	10.7 g	10.0 ml	2.0 ul
Run #2	10.7 g	10.0 ml	0.50 ul

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	34000	7700	ug/kg	
71-43-2	Benzene	ND	3400	1200	ug/kg	
75-27-4	Bromodichloromethane	ND	17000	880	ug/kg	
75-25-2	Bromoform	ND	17000	520	ug/kg	
74-83-9	Bromomethane	ND	17000	1400	ug/kg	
78-93-3	2-Butanone (MEK)	ND	34000	6800	ug/kg	
75-15-0	Carbon disulfide	ND	17000	1000	ug/kg	
56-23-5	Carbon tetrachloride	ND	17000	1900	ug/kg	
108-90-7	Chlorobenzene	ND	17000	1200	ug/kg	
75-00-3	Chloroethane	ND	17000	3400	ug/kg	
67-66-3	Chloroform	ND	17000	1100	ug/kg	
74-87-3	Chloromethane	ND	17000	570	ug/kg	
124-48-1	Dibromochloromethane	ND	17000	380	ug/kg	
75-34-3	1,1-Dichloroethane	23300	17000	470	ug/kg	
107-06-2	1,2-Dichloroethane	16100	3400	1200	ug/kg	
75-35-4	1,1-Dichloroethene	35100	17000	2300	ug/kg	
156-59-2	cis-1,2-Dichloroethene	5590	17000	820	ug/kg	J
156-60-5	trans-1,2-Dichloroethene	5650	17000	1500	ug/kg	J
540-59-0	1,2-Dichloroethene (total)	11200	17000	820	ug/kg	J
78-87-5	1,2-Dichloropropane	ND	17000	450	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	17000	460	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	17000	330	ug/kg	
100-41-4	Ethylbenzene	ND	3400	1300	ug/kg	
591-78-6	2-Hexanone	ND	17000	3300	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	3400	970	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	17000	2800	ug/kg	
75-09-2	Methylene chloride	ND	17000	770	ug/kg	
100-42-5	Styrene	ND	17000	370	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	17000	1000	ug/kg	
127-18-4	Tetrachloroethene	920	17000	500	ug/kg	J
108-88-3	Toluene	12400	3400	1000	ug/kg	
71-55-6	1,1,1-Trichloroethane	1150000 [a]	69000	1800	ug/kg	

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

Accutest Laboratories

Report of Analysis

Client Sample ID:	SB-1 (10-12)		
Lab Sample ID:	JA73846-13	**Date Sampled:**	04/21/11
Matrix:	SO - Soil	**Date Received:**	04/22/11
Method:	SW846 8260B	**Percent Solids:**	81.4
Project:	AFFCO, 361 Walsh Avenue, New Windsor, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
79-00-5	1,1,2-Trichloroethane	1170	17000	640	ug/kg	J
79-01-6	Trichloroethene	30900	17000	1800	ug/kg	
75-01-4	Vinyl chloride	ND	17000	610	ug/kg	
1330-20-7	Xylene (total)	ND	6900	1600	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	96%	95%	67-131%
17060-07-0	1,2-Dichloroethane-D4	108%	109%	66-130%
2037-26-5	Toluene-D8	98%	97%	76-125%
460-00-4	4-Bromofluorobenzene	93%	96%	53-142%

(a) Result is from Run# 2

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

Accutest Laboratories

Report of Analysis

Client Sample ID:	SB-1 (12-14)		
Lab Sample ID:	JA73846-14	**Date Sampled:**	04/21/11
Matrix:	SO - Soil	**Date Received:**	04/22/11
Method:	SW846 8260B	**Percent Solids:**	83.9
Project:	AFFCO, 361 Walsh Avenue, New Windsor, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	D181717.D	1	05/04/11	MAH	n/a	n/a	VD7379
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	10.1 g	10.0 ml	5.0 ul
Run #2			

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	14000	3100	ug/kg	
71-43-2	Benzene	ND	1400	470	ug/kg	
75-27-4	Bromodichloromethane	ND	6900	350	ug/kg	
75-25-2	Bromoform	ND	6900	210	ug/kg	
74-83-9	Bromomethane	ND	6900	550	ug/kg	
78-93-3	2-Butanone (MEK)	ND	14000	2700	ug/kg	
75-15-0	Carbon disulfide	ND	6900	420	ug/kg	
56-23-5	Carbon tetrachloride	ND	6900	760	ug/kg	
108-90-7	Chlorobenzene	ND	6900	470	ug/kg	
75-00-3	Chloroethane	ND	6900	1400	ug/kg	
67-66-3	Chloroform	ND	6900	440	ug/kg	
74-87-3	Chloromethane	ND	6900	230	ug/kg	
124-48-1	Dibromochloromethane	ND	6900	150	ug/kg	
75-34-3	1,1-Dichloroethane	17200	6900	190	ug/kg	
107-06-2	1,2-Dichloroethane	841	1400	470	ug/kg	J
75-35-4	1,1-Dichloroethene	3860	6900	910	ug/kg	J
156-59-2	cis-1,2-Dichloroethene	ND	6900	330	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	6900	620	ug/kg	
540-59-0	1,2-Dichloroethene (total)	ND	6900	330	ug/kg	
78-87-5	1,2-Dichloropropane	ND	6900	180	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	6900	180	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	6900	130	ug/kg	
100-41-4	Ethylbenzene	ND	1400	510	ug/kg	
591-78-6	2-Hexanone	ND	6900	1300	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1400	390	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	6900	1100	ug/kg	
75-09-2	Methylene chloride	ND	6900	310	ug/kg	
100-42-5	Styrene	ND	6900	150	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	6900	400	ug/kg	
127-18-4	Tetrachloroethene	258	6900	200	ug/kg	J
108-88-3	Toluene	1490	1400	400	ug/kg	
71-55-6	1,1,1-Trichloroethane	199000	6900	180	ug/kg	

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

Accutest Laboratories

Report of Analysis

Client Sample ID:	SB-1 (12-14)		
Lab Sample ID:	JA73846-14	**Date Sampled:**	04/21/11
Matrix:	SO - Soil	**Date Received:**	04/22/11
Method:	SW846 8260B	**Percent Solids:**	83.9
Project:	AFFCO, 361 Walsh Avenue, New Windsor, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
79-00-5	1,1,2-Trichloroethane	ND	6900	250	ug/kg	
79-01-6	Trichloroethene	2450	6900	720	ug/kg	J
75-01-4	Vinyl chloride	ND	6900	240	ug/kg	
1330-20-7	Xylene (total)	ND	2700	640	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	95%		67-131%
17060-07-0	1,2-Dichloroethane-D4	108%		66-130%
2037-26-5	Toluene-D8	99%		76-125%
460-00-4	4-Bromofluorobenzene	94%		53-142%

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

Accutest Laboratories

Report of Analysis

Client Sample ID:	SB-1 (14-15)		
Lab Sample ID:	JA73846-15	**Date Sampled:**	04/21/11
Matrix:	SO - Soil	**Date Received:**	04/22/11
Method:	SW846 8260B	**Percent Solids:**	92.9
Project:	AFFCO, 361 Walsh Avenue, New Windsor, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	D181718.D	1	05/04/11	MAH	n/a	n/a	VD7379
Run #2	D181737.D	1	05/04/11	MAH	n/a	n/a	VD7380

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	12.2 g	10.0 ml	100 ul
Run #2	12.2 g	10.0 ml	20.0 ul

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	112	480	110	ug/kg	J
71-43-2	Benzene	ND	48	16	ug/kg	
75-27-4	Bromodichloromethane	ND	240	12	ug/kg	
75-25-2	Bromoform	ND	240	7.2	ug/kg	
74-83-9	Bromomethane	ND	240	19	ug/kg	
78-93-3	2-Butanone (MEK)	1110	480	94	ug/kg	
75-15-0	Carbon disulfide	ND	240	15	ug/kg	
56-23-5	Carbon tetrachloride	ND	240	27	ug/kg	
108-90-7	Chlorobenzene	ND	240	16	ug/kg	
75-00-3	Chloroethane	385	240	48	ug/kg	
67-66-3	Chloroform	ND	240	15	ug/kg	
74-87-3	Chloromethane	ND	240	7.9	ug/kg	
124-48-1	Dibromochloromethane	ND	240	5.3	ug/kg	
75-34-3	1,1-Dichloroethane	11900 [a]	1200	33	ug/kg	
107-06-2	1,2-Dichloroethane	220	48	17	ug/kg	
75-35-4	1,1-Dichloroethene	796	240	32	ug/kg	
156-59-2	cis-1,2-Dichloroethene	51.5	240	11	ug/kg	J
156-60-5	trans-1,2-Dichloroethene	44.7	240	22	ug/kg	J
540-59-0	1,2-Dichloroethene (total)	96.2	240	11	ug/kg	J
78-87-5	1,2-Dichloropropane	ND	240	6.2	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	240	6.4	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	240	4.6	ug/kg	
100-41-4	Ethylbenzene	ND	48	18	ug/kg	
591-78-6	2-Hexanone	ND	240	46	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	48	14	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	240	39	ug/kg	
75-09-2	Methylene chloride	ND	240	11	ug/kg	
100-42-5	Styrene	ND	240	5.1	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	240	14	ug/kg	
127-18-4	Tetrachloroethene	22.2	240	7.0	ug/kg	J
108-88-3	Toluene	275	48	14	ug/kg	
71-55-6	1,1,1-Trichloroethane	12000 [a]	1200	31	ug/kg	

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

Accutest Laboratories

Report of Analysis

Client Sample ID:	SB-1 (14-15)		
Lab Sample ID:	JA73846-15	**Date Sampled:**	04/21/11
Matrix:	SO - Soil	**Date Received:**	04/22/11
Method:	SW846 8260B	**Percent Solids:**	92.9
Project:	AFFCO, 361 Walsh Avenue, New Windsor, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
79-00-5	1,1,2-Trichloroethane	25.9	240	8.9	ug/kg	J
79-01-6	Trichloroethene	351	240	25	ug/kg	
75-01-4	Vinyl chloride	13.2	240	8.5	ug/kg	J
1330-20-7	Xylene (total)	ND	96	22	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	94%	93%	67-131%
17060-07-0	1,2-Dichloroethane-D4	108%	108%	66-130%
2037-26-5	Toluene-D8	102%	98%	76-125%
460-00-4	4-Bromofluorobenzene	94%	94%	53-142%

(a) Result is from Run# 2

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

Accutest Laboratories

Report of Analysis

Client Sample ID: SB-5 (4-6)
Lab Sample ID: JA73846-16 **Date Sampled:** 04/21/11
Matrix: SO - Soil **Date Received:** 04/22/11
Method: SW846 8260B **Percent Solids:** 89.2
Project: AFFCO, 361 Walsh Avenue, New Windsor, NY

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	D181719.D	1	05/04/11	MAH	n/a	n/a	VD7379
Run #2	D181738.D	1	05/04/11	MAH	n/a	n/a	VD7380

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	11.2 g	10.0 ml	10.0 ul
Run #2	11.2 g	10.0 ml	1.0 ul

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	5600	1300	ug/kg	
71-43-2	Benzene	ND	560	190	ug/kg	
75-27-4	Bromodichloromethane	ND	2800	140	ug/kg	
75-25-2	Bromoform	ND	2800	85	ug/kg	
74-83-9	Bromomethane	ND	2800	230	ug/kg	
78-93-3	2-Butanone (MEK)	ND	5600	1100	ug/kg	
75-15-0	Carbon disulfide	ND	2800	170	ug/kg	
56-23-5	Carbon tetrachloride	ND	2800	310	ug/kg	
108-90-7	Chlorobenzene	ND	2800	190	ug/kg	
75-00-3	Chloroethane	ND	2800	560	ug/kg	
67-66-3	Chloroform	ND	2800	180	ug/kg	
74-87-3	Chloromethane	ND	2800	93	ug/kg	
124-48-1	Dibromochloromethane	ND	2800	62	ug/kg	
75-34-3	1,1-Dichloroethane	ND	2800	77	ug/kg	
107-06-2	1,2-Dichloroethane	404	560	190	ug/kg	J
75-35-4	1,1-Dichloroethene	7140	2800	370	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	2800	130	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	2800	250	ug/kg	
540-59-0	1,2-Dichloroethene (total)	ND	2800	130	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2800	73	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2800	75	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2800	54	ug/kg	
100-41-4	Ethylbenzene	ND	560	210	ug/kg	
591-78-6	2-Hexanone	ND	2800	540	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	560	160	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	2800	450	ug/kg	
75-09-2	Methylene chloride	ND	2800	130	ug/kg	
100-42-5	Styrene	ND	2800	60	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2800	160	ug/kg	
127-18-4	Tetrachloroethene	ND	2800	81	ug/kg	
108-88-3	Toluene	ND	560	160	ug/kg	
71-55-6	1,1,1-Trichloroethane	402000 [a]	28000	720	ug/kg	

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

Accutest Laboratories

Report of Analysis

Client Sample ID:	SB-5 (4-6)		
Lab Sample ID:	JA73846-16	**Date Sampled:**	04/21/11
Matrix:	SO - Soil	**Date Received:**	04/22/11
Method:	SW846 8260B	**Percent Solids:**	89.2
Project:	AFFCO, 361 Walsh Avenue, New Windsor, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
79-00-5	1,1,2-Trichloroethane	222	2800	100	ug/kg	J
79-01-6	Trichloroethene	442	2800	300	ug/kg	J
75-01-4	Vinyl chloride	ND	2800	100	ug/kg	
1330-20-7	Xylene (total)	ND	1100	260	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	95%	95%	67-131%
17060-07-0	1,2-Dichloroethane-D4	106%	108%	66-130%
2037-26-5	Toluene-D8	108%	99%	76-125%
460-00-4	4-Bromofluorobenzene	96%	95%	53-142%

(a) Result is from Run# 2

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

Accutest Laboratories

Report of Analysis

Client Sample ID:	FB042111 SO		
Lab Sample ID:	JA73846-17	**Date Sampled:**	04/21/11
Matrix:	AQ - Field Blank Soil	**Date Received:**	04/22/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	AFFCO, 361 Walsh Avenue, New Windsor, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3B69798.D	1	04/30/11	TLR	n/a	n/a	V3B3257
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	2.9	ug/l	
71-43-2	Benzene	ND	1.0	0.23	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.22	ug/l	
75-25-2	Bromoform	ND	4.0	0.23	ug/l	
74-83-9	Bromomethane	ND	2.0	0.30	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	1.6	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.74	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.26	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.39	ug/l	
75-00-3	Chloroethane	ND	1.0	0.37	ug/l	
67-66-3	Chloroform	ND	1.0	0.23	ug/l	
74-87-3	Chloromethane	ND	1.0	0.29	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.22	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.29	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.33	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.40	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.25	ug/l	
540-59-0	1,2-Dichloroethene (total)	ND	1.0	0.22	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.27	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	0.21	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
591-78-6	2-Hexanone	ND	5.0	1.4	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	0.86	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.30	ug/l	
100-42-5	Styrene	ND	5.0	0.58	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.24	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.27	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.26	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

Accutest Laboratories

Report of Analysis

Client Sample ID:	FB042111 SO		
Lab Sample ID:	JA73846-17	**Date Sampled:**	04/21/11
Matrix:	AQ - Field Blank Soil	**Date Received:**	04/22/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	AFFCO, 361 Walsh Avenue, New Windsor, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.23	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.24	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.44	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	106%		77-120%
17060-07-0	1,2-Dichloroethane-D4	114%		70-127%
2037-26-5	Toluene-D8	115%		79-120%
460-00-4	4-Bromofluorobenzene	106%		76-118%

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

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

ACCUTEST LABORATORIES

CW FB SO

CHAIN OF CUSTODY

2235 Route 130, Dayton, NJ 08810
Tel: 732-329-0200 FAX: 732-329-3499/3480
www. acutest.com

PAGE 1 OF 2 E

ESG-EK Tracking #	Bottle Order Control #
Priority 1578 9320	
Acutest Quote #	Acutest Job # JA 73846

Client / Reporting Information	Project Information	Requested Analysis (see TEST CODE sheet)	Matrix Codes
Company Name: FLEMINGTON STONE INC.	Project Name: AFFCO GROUP		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
Street Address: 158 WEST 29TH ST.	Street: 361 COARSE AVE.		
City: NY State: NY Zip: 10001	City: NEW WINDSOR State: NY	Billing Information (if different from Report to)	
Project Contact: MOHAMED AHMED E-mail:	Project #: 10000 - 013	Company Name	
Phone #: 212-675 3225 Fax #:	Client Purchase Order #: FP0228	Street Address	
Sampler(s) Name(s): BILL MARQUEZ Phone #:	Project Manager: MOHAMED AHMED	City State Zip	
		Attention:	

Acutest Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Collection Date	Collection Time	Sampled by	Matrix	# of bottles	Number of preserved Bottles: HCl	NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	ENCORE	TCL VOCs 8260	DOC (Lab Filtered)	XN030	SO4	LAB USE ONLY
1	FEW-0		4/21/11	0900	BM	GW	6	4			1	1				X	X	X	X	WC48
2	FE1-NEW		4/21/11	1100	BM	GW	6	4			1	1				X	X	X	X	WC1
3	F S-8		4/21/11	1200	BM	GW	6	4			1	1				X	X	X	X	2108
4	FFB 042111		4/21/11	1130	BM	GW	6	4			1	1				X	X	X	X	
5	SB-3 (14-15)		4/21/11	1224	BM	SO	2					2				X				1904
6	SB-2 (4-8)		4/21/11	1245	BM	SO	2					2				X				0037
7	SB-4 (8-12)		4/21/11	1450	BM	SO	2					2				X				
8	SB-1 (0-2)		4/21/11	1515	BM	SO	2					2				X				
9	SB-1 (2-4)		4/21/11	1517	BM	SO	2					2				X				
10	SB-1 (4-6)		4/21/11	1519	BM	SO	2					2				X				
11	SB-1 (6-8)		4/21/11	1521	BM	SO	2					2				X				
12	SB-1 (8-10)		4/21/11	1523	BM	SO	2					2				X				

Turnaround Time (Business days)

- ☐ Std. 15 Business Days
- ☐ Std. 10 Business Days (by Contract only)
- ☒ 10 Day *RUSH*
- ☐ 5 Day *RUSH*
- ☐ 3 Day *EMERGENCY*
- ☐ 2 Day *EMERGENCY*
- ☐ 1 Day *EMERGENCY*

Emergency & Rush T/A data available VIA Lablink

Approved By (Accutest PM): / Date:

Data Deliverable Information

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

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

Comments / Special Instructions

please refere to next page for details to be added in the report

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	BILL MARQUEZ	4/22/11 930	KEITH 7034	KEITH 7034	4-22-11 1230	
2	Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
3						
4	Relinquished by:	Date Time:	Received By:	Custody Seal # 360 ☑ Intact ☐ Not intact	Preserved where applicable	On Ice ☑ Cooler Temp. 2.5°C
5						

2A

JA73846: Chain of Custody
Page 1 of 3

CHAIN OF CUSTODY

PAGE 2 OF 2

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

FED-EX Tracking #: | Bottle Order Control #:
Accutest Quote #: | Accutest Job #: JA73846

Client / Reporting Information

Company Name: FLEMING LEE SHUT
Street Address: 158 WEST 29TH ST
City: NY State: NY Zip: 10001
Project Contact: MOHAMED AHMAD E-mail:
Phone #: 212-6753221 Fax #:
Sampler(s) Name(s): BILL MANIOUZ Phone #:

Project Information

Project Name: AFFCO SRIWP
Street: 361 Walsh Ave
City: New Windsor State: NY
Project #: 10000-013
Client Purchase Order #: EP-0228.
Project Manager: MOHAMAD AHMAD

Billing Information (if different from Report to)

Company Name:
Street Address:
City: State: Zip:
Attention:

Requested Analysis (see TEST CODE sheet)

TCL VOCs 8260

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

Accutest Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Collection Date	Collection Time	Sampled by	Matrix	# of bottles	Number of preserved Bottles: HCl	NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	ENCORE	LAB USE ONLY
-13	SB-1 (10-12)		4/21/11	1325	BM	SO	2					2				X
-14	SB-1 (12-14)		4/21/11	1527	BM	SO	2					2				X
-15	SB-1 (14-15)		4/21/11	1529	BM	SO	2					2				X
-16	SB-5 (4-6)		4/21/11	1600	BM	SO	2					2				X
-17	TB 042111 80		4/21/11	1610	BM	W	3	3								X

Turnaround Time (Business days)

- [ ] Std. 15 Business Days
- [ ] Std. 10 Business Days (by Contract only)
- [ ] 10 Day *RUSH*
- [ ] 5 Day *RUSH*
- [ ] 3 Day *EMERGENCY*
- [ ] 2 Day *EMERGENCY*
- [ ] 1 Day *EMERGENCY*

Emergency & Rush T/A data available VIA Lablink

Approved By (Accutest PM): / Date:

Data Deliverable Information

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

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

Comments / Special Instructions

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	BILL MANIOUZ	4/22/11 930	1 FEDEX 7034	FEDEX 7034	4/22/11 1230	2
3	Relinquished by Sampler:	Date Time:	Received By: 3	Relinquished By: 4	Date Time:	Received By: 4
5	Relinquished by:	Date Time:	Received By: 5	Custody Seal #	Intact / Not intact	Preserved where applicable	On Ice	Cooler Temp.

JA73846: Chain of Custody
Page 2 of 3

Accutest Laboratories Sample Receipt Summary

Accutest Job Number: JA73846 **Client:** **Immediate Client Services Action Required:** No

Date / Time Received: 4/22/2011 **Delivery Method:** **Client Service Action Required at Login:** No

Project: **No. Coolers:** 1 **Airbill #'s:**

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:	Infared gun		
3. Cooler media:	Ice (bag)		

Quality Control Preservatio	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:	☐		☐	☑

Comments

Accutest Laboratories
V:732.329.0200

2235 US Highway 130
F: 732.329.3499

Dayton, New Jersey
www/accutest.com

JA73846: Chain of Custody
Page 3 of 3

New Jersey ACCUTEST LABORATORIES

GC/MS Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Instrument Performance Checks (BFB)
- Surrogate Recovery Summaries

Method Blank Summary

Job Number: JA73846
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: AFFCO, 361 Walsh Avenue, New Windsor, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3B3252-MB	3B69689.D	1	04/27/11	TLR	n/a	n/a	V3B3252

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA73846-1

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	2.9	ug/l	
71-43-2	Benzene	ND	1.0	0.23	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.22	ug/l	
75-25-2	Bromoform	ND	4.0	0.23	ug/l	
74-83-9	Bromomethane	ND	2.0	0.30	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	1.6	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.74	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.26	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.39	ug/l	
75-00-3	Chloroethane	ND	1.0	0.37	ug/l	
67-66-3	Chloroform	ND	1.0	0.23	ug/l	
74-87-3	Chloromethane	ND	1.0	0.29	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.22	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.29	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.33	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.40	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.25	ug/l	
540-59-0	1,2-Dichloroethene (total)	ND	1.0	0.22	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.27	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	0.21	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
591-78-6	2-Hexanone	ND	5.0	1.4	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	0.86	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.30	ug/l	
100-42-5	Styrene	ND	5.0	0.58	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.24	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.27	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.26	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.23	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.24	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.44	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.25	ug/l	

Method Blank Summary

Job Number: JA73846
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: AFFCO, 361 Walsh Avenue, New Windsor, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3B3252-MB	3B69689.D	1	04/27/11	TLR	n/a	n/a	V3B3252

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA73846-1

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	118%	77-120%
17060-07-0	1,2-Dichloroethane-D4	112%	70-127%
2037-26-5	Toluene-D8	104%	79-120%
460-00-4	4-Bromofluorobenzene	100%	76-118%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/l	

Method Blank Summary

Job Number: JA73846
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: AFFCO, 361 Walsh Avenue, New Windsor, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3B3257-MB	3B69787.D	1	04/30/11	TLR	n/a	n/a	V3B3257

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA73846-2, JA73846-3, JA73846-4, JA73846-17

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	2.9	ug/l	
71-43-2	Benzene	ND	1.0	0.23	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.22	ug/l	
75-25-2	Bromoform	ND	4.0	0.23	ug/l	
74-83-9	Bromomethane	ND	2.0	0.30	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	1.6	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.74	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.26	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.39	ug/l	
75-00-3	Chloroethane	ND	1.0	0.37	ug/l	
67-66-3	Chloroform	ND	1.0	0.23	ug/l	
74-87-3	Chloromethane	ND	1.0	0.29	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.22	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.29	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.33	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.40	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.25	ug/l	
540-59-0	1,2-Dichloroethene (total)	ND	1.0	0.22	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.27	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	0.21	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
591-78-6	2-Hexanone	ND	5.0	1.4	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	0.86	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.30	ug/l	
100-42-5	Styrene	ND	5.0	0.58	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.24	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.27	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.26	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.23	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.24	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.44	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.25	ug/l	

Method Blank Summary

Job Number: JA73846
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: AFFCO, 361 Walsh Avenue, New Windsor, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3B3257-MB	3B69787.D	1	04/30/11	TLR	n/a	n/a	V3B3257

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA73846-2, JA73846-3, JA73846-4, JA73846-17

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	105%	77-120%
17060-07-0	1,2-Dichloroethane-D4	110%	70-127%
2037-26-5	Toluene-D8	114%	79-120%
460-00-4	4-Bromofluorobenzene	107%	76-118%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/l	

Method Blank Summary

Job Number: JA73846
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: AFFCO, 361 Walsh Avenue, New Windsor, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VD7379-MB	D181704.D	1	05/04/11	MAH	n/a	n/a	VD7379

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA73846-5, JA73846-6, JA73846-7, JA73846-8, JA73846-9, JA73846-10, JA73846-11, JA73846-12, JA73846-13, JA73846-14, JA73846-15, JA73846-16

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	500	110	ug/kg	
71-43-2	Benzene	ND	50	17	ug/kg	
75-27-4	Bromodichloromethane	ND	250	13	ug/kg	
75-25-2	Bromoform	ND	250	7.6	ug/kg	
74-83-9	Bromomethane	ND	250	20	ug/kg	
78-93-3	2-Butanone (MEK)	ND	500	99	ug/kg	
75-15-0	Carbon disulfide	ND	250	15	ug/kg	
56-23-5	Carbon tetrachloride	ND	250	28	ug/kg	
108-90-7	Chlorobenzene	ND	250	17	ug/kg	
75-00-3	Chloroethane	ND	250	50	ug/kg	
67-66-3	Chloroform	ND	250	16	ug/kg	
74-87-3	Chloromethane	ND	250	8.3	ug/kg	
124-48-1	Dibromochloromethane	ND	250	5.5	ug/kg	
75-34-3	1,1-Dichloroethane	ND	250	6.9	ug/kg	
107-06-2	1,2-Dichloroethane	ND	50	17	ug/kg	
75-35-4	1,1-Dichloroethene	ND	250	33	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	250	12	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	250	22	ug/kg	
540-59-0	1,2-Dichloroethene (total)	ND	250	12	ug/kg	
78-87-5	1,2-Dichloropropane	ND	250	6.5	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	250	6.7	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	250	4.8	ug/kg	
100-41-4	Ethylbenzene	ND	50	19	ug/kg	
591-78-6	2-Hexanone	ND	250	48	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	50	14	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	250	41	ug/kg	
75-09-2	Methylene chloride	ND	250	11	ug/kg	
100-42-5	Styrene	ND	250	5.4	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	250	15	ug/kg	
127-18-4	Tetrachloroethene	ND	250	7.3	ug/kg	
108-88-3	Toluene	ND	50	15	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	250	6.4	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	250	9.3	ug/kg	
79-01-6	Trichloroethene	ND	250	26	ug/kg	
75-01-4	Vinyl chloride	ND	250	8.9	ug/kg	
1330-20-7	Xylene (total)	ND	100	23	ug/kg	

Method Blank Summary

Job Number: JA73846
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: AFFCO, 361 Walsh Avenue, New Windsor, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VD7379-MB	D181704.D	1	05/04/11	MAH	n/a	n/a	VD7379

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA73846-5, JA73846-6, JA73846-7, JA73846-8, JA73846-9, JA73846-10, JA73846-11, JA73846-12, JA73846-13, JA73846-14, JA73846-15, JA73846-16

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	93%	67-131%
17060-07-0	1,2-Dichloroethane-D4	107%	66-130%
2037-26-5	Toluene-D8	99%	76-125%
460-00-4	4-Bromofluorobenzene	92%	53-142%

Method Blank Summary

Job Number: JA73846
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: AFFCO, 361 Walsh Avenue, New Windsor, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VD7380-MB	D181725.D	1	05/04/11	MAH	n/a	n/a	VD7380

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA73846-6, JA73846-7, JA73846-10, JA73846-11, JA73846-13, JA73846-15, JA73846-16

CAS No.	Compound	Result	RL	MDL	Units	Q
75-34-3	1,1-Dichloroethane	ND	250	6.9	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	250	6.4	ug/kg	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	93%	67-131%
17060-07-0	1,2-Dichloroethane-D4	109%	66-130%
2037-26-5	Toluene-D8	100%	76-125%
460-00-4	4-Bromofluorobenzene	93%	53-142%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/kg	

Blank Spike Summary

Job Number: JA73846
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: AFFCO, 361 Walsh Avenue, New Windsor, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3B3252-BS	3B69690.D	1	04/27/11	TLR	n/a	n/a	V3B3252

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA73846-1

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
67-64-1	Acetone	50	45.0	90	49-142
71-43-2	Benzene	50	47.9	96	76-119
75-27-4	Bromodichloromethane	50	52.9	106	81-133
75-25-2	Bromoform	50	53.0	106	72-139
74-83-9	Bromomethane	50	55.8	112	55-140
78-93-3	2-Butanone (MEK)	50	54.1	108	64-132
75-15-0	Carbon disulfide	50	52.0	104	45-149
56-23-5	Carbon tetrachloride	50	55.7	111	74-146
108-90-7	Chlorobenzene	50	51.7	103	79-120
75-00-3	Chloroethane	50	52.2	104	60-134
67-66-3	Chloroform	50	53.7	107	77-127
74-87-3	Chloromethane	50	48.9	98	50-128
124-48-1	Dibromochloromethane	50	49.7	99	77-131
75-34-3	1,1-Dichloroethane	50	49.3	99	74-124
107-06-2	1,2-Dichloroethane	50	47.6	95	71-138
75-35-4	1,1-Dichloroethene	50	50.6	101	68-126
156-59-2	cis-1,2-Dichloroethene	50	57.5	115	78-131
156-60-5	trans-1,2-Dichloroethene	50	44.4	89	64-119
540-59-0	1,2-Dichloroethene (total)	100	102	102	74-122
78-87-5	1,2-Dichloropropane	50	45.8	92	76-121
10061-01-5	cis-1,3-Dichloropropene	50	49.9	100	76-123
10061-02-6	trans-1,3-Dichloropropene	50	49.5	99	74-129
100-41-4	Ethylbenzene	50	47.7	95	77-119
591-78-6	2-Hexanone	50	44.1	88	63-135
1634-04-4	Methyl Tert Butyl Ether	100	93.1	93	72-125
108-10-1	4-Methyl-2-pentanone(MIBK)	50	46.7	93	68-131
75-09-2	Methylene chloride	50	51.7	103	73-122
100-42-5	Styrene	50	45.9	92	77-121
79-34-5	1,1,2,2-Tetrachloroethane	50	48.1	96	70-121
127-18-4	Tetrachloroethene	50	47.6	95	64-148
108-88-3	Toluene	50	49.5	99	77-122
71-55-6	1,1,1-Trichloroethane	50	56.7	113	76-135
79-00-5	1,1,2-Trichloroethane	50	51.0	102	79-125
79-01-6	Trichloroethene	50	53.3	107	80-129
75-01-4	Vinyl chloride	50	57.6	115	56-133
1330-20-7	Xylene (total)	150	150	100	78-121

Blank Spike Summary

Job Number: JA73846
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: AFFCO, 361 Walsh Avenue, New Windsor, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3B3252-BS	3B69690.D	1	04/27/11	TLR	n/a	n/a	V3B3252

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA73846-1

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	119%	77-120%
17060-07-0	1,2-Dichloroethane-D4	105%	70-127%
2037-26-5	Toluene-D8	105%	79-120%
460-00-4	4-Bromofluorobenzene	98%	76-118%

Blank Spike Summary

Job Number: JA73846
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: AFFCO, 361 Walsh Avenue, New Windsor, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3B3257-BS	3B69788.D	1	04/30/11	TLR	n/a	n/a	V3B3257

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA73846-2, JA73846-3, JA73846-4, JA73846-17

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
67-64-1	Acetone	50	52.4	105	49-142
71-43-2	Benzene	50	51.1	102	76-119
75-27-4	Bromodichloromethane	50	53.7	107	81-133
75-25-2	Bromoform	50	54.5	109	72-139
74-83-9	Bromomethane	50	53.9	108	55-140
78-93-3	2-Butanone (MEK)	50	48.3	97	64-132
75-15-0	Carbon disulfide	50	51.3	103	45-149
56-23-5	Carbon tetrachloride	50	54.6	109	74-146
108-90-7	Chlorobenzene	50	55.2	110	79-120
75-00-3	Chloroethane	50	54.1	108	60-134
67-66-3	Chloroform	50	52.7	105	77-127
74-87-3	Chloromethane	50	52.1	104	50-128
124-48-1	Dibromochloromethane	50	53.0	106	77-131
75-34-3	1,1-Dichloroethane	50	52.8	106	74-124
107-06-2	1,2-Dichloroethane	50	53.4	107	71-138
75-35-4	1,1-Dichloroethene	50	51.1	102	68-126
156-59-2	cis-1,2-Dichloroethene	50	57.5	115	78-131
156-60-5	trans-1,2-Dichloroethene	50	45.6	91	64-119
540-59-0	1,2-Dichloroethene (total)	100	103	103	74-122
78-87-5	1,2-Dichloropropane	50	54.0	108	76-121
10061-01-5	cis-1,3-Dichloropropene	50	54.5	109	76-123
10061-02-6	trans-1,3-Dichloropropene	50	55.8	112	74-129
100-41-4	Ethylbenzene	50	52.7	105	77-119
591-78-6	2-Hexanone	50	51.2	102	63-135
1634-04-4	Methyl Tert Butyl Ether	100	99.3	99	72-125
108-10-1	4-Methyl-2-pentanone(MIBK)	50	50.7	101	68-131
75-09-2	Methylene chloride	50	51.1	102	73-122
100-42-5	Styrene	50	51.8	104	77-121
79-34-5	1,1,2,2-Tetrachloroethane	50	52.7	105	70-121
127-18-4	Tetrachloroethene	50	54.1	108	64-148
108-88-3	Toluene	50	53.8	108	77-122
71-55-6	1,1,1-Trichloroethane	50	53.4	107	76-135
79-00-5	1,1,2-Trichloroethane	50	53.6	107	79-125
79-01-6	Trichloroethene	50	54.1	108	80-129
75-01-4	Vinyl chloride	50	54.3	109	56-133
1330-20-7	Xylene (total)	150	162	108	78-121

Blank Spike Summary

Job Number: JA73846
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: AFFCO, 361 Walsh Avenue, New Windsor, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3B3257-BS	3B69788.D	1	04/30/11	TLR	n/a	n/a	V3B3257

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA73846-2, JA73846-3, JA73846-4, JA73846-17

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	108%	77-120%
17060-07-0	1,2-Dichloroethane-D4	111%	70-127%
2037-26-5	Toluene-D8	114%	79-120%
460-00-4	4-Bromofluorobenzene	106%	76-118%

Blank Spike Summary

Job Number: JA73846
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: AFFCO, 361 Walsh Avenue, New Windsor, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VD7379-BS	D181705.D	1	05/04/11	MAH	n/a	n/a	VD7379

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA73846-5, JA73846-6, JA73846-7, JA73846-8, JA73846-9, JA73846-10, JA73846-11, JA73846-12, JA73846-13, JA73846-14, JA73846-15, JA73846-16

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
67-64-1	Acetone	2500	2720	109	48-154
71-43-2	Benzene	2500	2460	98	76-120
75-27-4	Bromodichloromethane	2500	2640	106	80-139
75-25-2	Bromoform	2500	2700	108	71-144
74-83-9	Bromomethane	2500	2280	91	56-142
78-93-3	2-Butanone (MEK)	2500	2550	102	61-141
75-15-0	Carbon disulfide	2500	2430	97	58-134
56-23-5	Carbon tetrachloride	2500	2690	108	64-156
108-90-7	Chlorobenzene	2500	2510	100	80-121
75-00-3	Chloroethane	2500	2270	91	57-138
67-66-3	Chloroform	2500	2510	100	77-130
74-87-3	Chloromethane	2500	2090	84	53-131
124-48-1	Dibromochloromethane	2500	2540	102	74-138
75-34-3	1,1-Dichloroethane	2500	2420	97	75-129
107-06-2	1,2-Dichloroethane	2500	2650	106	70-145
75-35-4	1,1-Dichloroethene	2500	2510	100	70-128
156-59-2	cis-1,2-Dichloroethene	2500	2690	108	76-135
156-60-5	trans-1,2-Dichloroethene	2500	2210	88	68-124
540-59-0	1,2-Dichloroethene (total)	5000	4900	98	76-126
78-87-5	1,2-Dichloropropane	2500	2420	97	79-122
10061-01-5	cis-1,3-Dichloropropene	2500	2320	93	80-127
10061-02-6	trans-1,3-Dichloropropene	2500	2410	96	79-133
100-41-4	Ethylbenzene	2500	2490	100	75-125
591-78-6	2-Hexanone	2500	2470	99	61-142
1634-04-4	Methyl Tert Butyl Ether	5000	4740	95	72-126
108-10-1	4-Methyl-2-pentanone(MIBK)	2500	2490	100	69-135
75-09-2	Methylene chloride	2500	2290	92	71-124
100-42-5	Styrene	2500	2530	101	77-128
79-34-5	1,1,2,2-Tetrachloroethane	2500	2300	92	71-122
127-18-4	Tetrachloroethene	2500	2530	101	70-137
108-88-3	Toluene	2500	2440	98	77-124
71-55-6	1,1,1-Trichloroethane	2500	2640	106	70-144
79-00-5	1,1,2-Trichloroethane	2500	2380	95	81-127
79-01-6	Trichloroethene	2500	2580	103	80-129
75-01-4	Vinyl chloride	2500	2340	94	59-134
1330-20-7	Xylene (total)	7500	7630	102	78-124

Blank Spike Summary

Job Number: JA73846
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: AFFCO, 361 Walsh Avenue, New Windsor, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VD7379-BS	D181705.D	1	05/04/11	MAH	n/a	n/a	VD7379

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA73846-5, JA73846-6, JA73846-7, JA73846-8, JA73846-9, JA73846-10, JA73846-11, JA73846-12, JA73846-13, JA73846-14, JA73846-15, JA73846-16

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	96%	67-131%
17060-07-0	1,2-Dichloroethane-D4	105%	66-130%
2037-26-5	Toluene-D8	98%	76-125%
460-00-4	4-Bromofluorobenzene	90%	53-142%

Blank Spike Summary

Job Number: JA73846
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: AFFCO, 361 Walsh Avenue, New Windsor, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VD7380-BS	D181726.D	1	05/04/11	MAH	n/a	n/a	VD7380

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA73846-6, JA73846-7, JA73846-10, JA73846-11, JA73846-13, JA73846-15, JA73846-16

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
75-34-3	1,1-Dichloroethane	2500	2400	96	75-129
71-55-6	1,1,1-Trichloroethane	2500	2480	99	70-144

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	97%	67-131%
17060-07-0	1,2-Dichloroethane-D4	108%	66-130%
2037-26-5	Toluene-D8	102%	76-125%
460-00-4	4-Bromofluorobenzene	90%	53-142%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JA73846
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: AFFCO, 361 Walsh Avenue, New Windsor, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JA74152-1MS	3B69698.D	1	04/27/11	TLR	n/a	n/a	V3B3252
JA74152-1MSD	3B69699.D	1	04/27/11	TLR	n/a	n/a	V3B3252
JA74152-1	3B69692.D	1	04/27/11	TLR	n/a	n/a	V3B3252

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA73846-1

CAS No.	Compound	JA74152-1 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	ND		50	44.0	88	45.5	91	3	39-150/20
71-43-2	Benzene	ND		50	41.8	84	41.2	82	1	40-139/12
75-27-4	Bromodichloromethane	ND		50	52.3	105	52.7	105	1	68-135/12
75-25-2	Bromoform	ND		50	57.1	114	57.0	114	0	55-141/14
74-83-9	Bromomethane	ND		50	48.0	96	51.7	103	7	49-145/16
78-93-3	2-Butanone (MEK)	ND		50	52.9	106	52.1	104	2	55-141/15
75-15-0	Carbon disulfide	ND		50	40.7	81	39.5	79	3	23-153/19
56-23-5	Carbon tetrachloride	ND		50	51.7	103	49.6	99	4	52-155/16
108-90-7	Chlorobenzene	ND		50	47.5	95	46.8	94	1	66-129/11
75-00-3	Chloroethane	ND		50	40.2	80	42.2	84	5	50-140/16
67-66-3	Chloroform	ND		50	50.4	101	49.8	100	1	63-133/13
74-87-3	Chloromethane	ND		50	35.6	71	41.4	83	15	43-138/17
124-48-1	Dibromochloromethane	ND		50	52.7	105	52.3	105	1	64-136/12
75-34-3	1,1-Dichloroethane	ND		50	43.3	87	42.5	85	2	58-132/13
107-06-2	1,2-Dichloroethane	ND		50	53.6	107	52.6	105	2	62-145/12
75-35-4	1,1-Dichloroethene	ND		50	41.0	82	39.7	79	3	43-142/17
156-59-2	cis-1,2-Dichloroethene	ND		50	45.7	91	45.6	91	0	55-132/12
156-60-5	trans-1,2-Dichloroethene	ND		50	42.4	85	41.8	84	1	53-132/14
540-59-0	1,2-Dichloroethene (total)	ND		100	88.1	88	87.5	88	1	54-132/13
78-87-5	1,2-Dichloropropane	ND		50	41.5	83	42.0	84	1	65-128/12
10061-01-5	cis-1,3-Dichloropropene	ND		50	48.0	96	48.3	97	1	66-130/12
10061-02-6	trans-1,3-Dichloropropene	ND		50	51.4	103	50.4	101	2	64-135/13
100-41-4	Ethylbenzene	ND		50	43.7	87	43.0	86	2	40-140/12
591-78-6	2-Hexanone	ND		50	42.5	85	44.1	88	4	56-140/17
1634-04-4	Methyl Tert Butyl Ether	15.0		50	62.3	95	63.0	96	1	54-136/12
108-10-1	4-Methyl-2-pentanone(MIBK)	ND		50	44.1	88	45.4	91	3	61-138/14
75-09-2	Methylene chloride	ND		50	46.8	94	46.1	92	2	60-130/13
100-42-5	Styrene	ND		50	45.4	91	45.1	90	1	59-132/13
79-34-5	1,1,2,2-Tetrachloroethane	ND		50	46.9	94	47.0	94	0	65-128/12
127-18-4	Tetrachloroethene	ND		50	42.0	84	41.1	82	2	52-143/15
108-88-3	Toluene	ND		50	43.9	88	43.1	86	2	47-140/12
71-55-6	1,1,1-Trichloroethane	ND		50	51.4	103	50.2	100	2	55-146/15
79-00-5	1,1,2-Trichloroethane	ND		50	50.3	101	49.1	98	2	70-129/12
79-01-6	Trichloroethene	ND		50	46.5	93	44.9	90	4	54-142/14
75-01-4	Vinyl chloride	ND		50	38.8	78	44.5	89	14	42-145/18
1330-20-7	Xylene (total)	ND		150	137	91	134	89	2	42-140/12

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JA73846
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: AFFCO, 361 Walsh Avenue, New Windsor, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JA74152-1MS	3B69698.D	1	04/27/11	TLR	n/a	n/a	V3B3252
JA74152-1MSD	3B69699.D	1	04/27/11	TLR	n/a	n/a	V3B3252
JA74152-1	3B69692.D	1	04/27/11	TLR	n/a	n/a	V3B3252

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA73846-1

CAS No.	Surrogate Recoveries	MS	MSD	JA74152-1	Limits
1868-53-7	Dibromofluoromethane	121%* [b]	121%* [a]	117%	77-120%
17060-07-0	1,2-Dichloroethane-D4	118%	118%	110%	70-127%
2037-26-5	Toluene-D8	105%	104%	103%	79-120%
460-00-4	4-Bromofluorobenzene	99%	98%	99%	76-118%

(a) Outside control limits due to matrix interference.
(b) Outside control limits due to matrix interference. Confirmed by reanalysis.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JA73846
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: AFFCO, 361 Walsh Avenue, New Windsor, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JA73897-15MS	3B69793.D	1	04/30/11	TLR	n/a	n/a	V3B3257
JA73897-15MSD	3B69794.D	1	04/30/11	TLR	n/a	n/a	V3B3257
JA73897-15	3B69790.D	1	04/30/11	TLR	n/a	n/a	V3B3257

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA73846-2, JA73846-3, JA73846-4, JA73846-17

CAS No.	Compound	JA73897-15 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	ND		50	45.6	91	48.3	97	6	39-150/20
71-43-2	Benzene	ND		50	46.5	93	45.5	91	2	40-139/12
75-27-4	Bromodichloromethane	ND		50	49.2	98	48.7	97	1	68-135/12
75-25-2	Bromoform	ND		50	50.6	101	52.0	104	3	55-141/14
74-83-9	Bromomethane	ND		50	42.1	84	44.0	88	4	49-145/16
78-93-3	2-Butanone (MEK)	ND		50	46.0	92	45.2	90	2	55-141/15
75-15-0	Carbon disulfide	ND		50	44.3	89	43.5	87	2	23-153/19
56-23-5	Carbon tetrachloride	ND		50	49.1	98	48.6	97	1	52-155/16
108-90-7	Chlorobenzene	ND		50	48.6	97	49.0	98	1	66-129/11
75-00-3	Chloroethane	ND		50	42.9	86	44.8	90	4	50-140/16
67-66-3	Chloroform	0.23	J	50	47.1	94	46.7	93	1	63-133/13
74-87-3	Chloromethane	ND		50	41.9	84	44.1	88	5	43-138/17
124-48-1	Dibromochloromethane	ND		50	49.4	99	50.1	100	1	64-136/12
75-34-3	1,1-Dichloroethane	ND		50	47.3	95	46.9	94	1	58-132/13
107-06-2	1,2-Dichloroethane	ND		50	50.1	100	49.5	99	1	62-145/12
75-35-4	1,1-Dichloroethene	ND		50	44.2	88	43.9	88	1	43-142/17
156-59-2	cis-1,2-Dichloroethene	4.5		50	49.2	89	49.0	89	0	55-132/12
156-60-5	trans-1,2-Dichloroethene	ND		50	44.8	90	44.9	90	0	53-132/14
540-59-0	1,2-Dichloroethene (total)	4.5		100	94.0	90	93.9	89	0	54-132/13
78-87-5	1,2-Dichloropropane	ND		50	49.1	98	48.9	98	0	65-128/12
10061-01-5	cis-1,3-Dichloropropene	ND		50	51.9	104	51.1	102	2	66-130/12
10061-02-6	trans-1,3-Dichloropropene	ND		50	52.2	104	51.4	103	2	64-135/13
100-41-4	Ethylbenzene	ND		50	47.5	95	47.6	95	0	40-140/12
591-78-6	2-Hexanone	ND		50	47.9	96	49.0	98	2	56-140/17
1634-04-4	Methyl Tert Butyl Ether	ND		50	46.7	93	47.6	95	2	54-136/12
108-10-1	4-Methyl-2-pentanone(MIBK)	ND		50	48.9	98	50.0	100	2	61-138/14
75-09-2	Methylene chloride	ND		50	46.1	92	46.1	92	0	60-130/13
100-42-5	Styrene	ND		50	48.6	97	48.4	97	0	59-132/13
79-34-5	1,1,2,2-Tetrachloroethane	ND		50	49.3	99	49.9	100	1	65-128/12
127-18-4	Tetrachloroethene	49.8		50	83.3	67	83.6	68	0	52-143/15
108-88-3	Toluene	ND		50	48.7	97	47.8	96	2	47-140/12
71-55-6	1,1,1-Trichloroethane	ND		50	48.2	96	47.3	95	2	55-146/15
79-00-5	1,1,2-Trichloroethane	ND		50	49.1	98	49.3	99	0	70-129/12
79-01-6	Trichloroethene	2.8		50	50.5	95	49.8	94	1	54-142/14
75-01-4	Vinyl chloride	ND		50	43.6	87	46.5	93	6	42-145/18
1330-20-7	Xylene (total)	ND		150	145	97	144	96	1	42-140/12

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JA73846
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: AFFCO, 361 Walsh Avenue, New Windsor, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JA73897-15MS	3B69793.D	1	04/30/11	TLR	n/a	n/a	V3B3257
JA73897-15MSD	3B69794.D	1	04/30/11	TLR	n/a	n/a	V3B3257
JA73897-15	3B69790.D	1	04/30/11	TLR	n/a	n/a	V3B3257

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA73846-2, JA73846-3, JA73846-4, JA73846-17

CAS No.	Surrogate Recoveries	MS	MSD	JA73897-15	Limits
1868-53-7	Dibromofluoromethane	108%	109%	106%	77-120%
17060-07-0	1,2-Dichloroethane-D4	113%	112%	111%	70-127%
2037-26-5	Toluene-D8	115%	114%	113%	79-120%
460-00-4	4-Bromofluorobenzene	105%	107%	107%	76-118%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JA73846
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: AFFCO, 361 Walsh Avenue, New Windsor, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JA73846-7MS	D181706.D	1	05/04/11	MAH	n/a	n/a	VD7379
JA73846-7MSD	D181707.D	1	05/04/11	MAH	n/a	n/a	VD7379
JA73846-7	D181709.D	1	05/04/11	MAH	n/a	n/a	VD7379

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA73846-5, JA73846-6, JA73846-7, JA73846-8, JA73846-9, JA73846-10, JA73846-11, JA73846-12, JA73846-13, JA73846-14, JA73846-15, JA73846-16

CAS No.	Compound	JA73846-7 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	ND		2690	3740	139	3930	146	5	12-189/33
71-43-2	Benzene	ND		2690	2580	96	2590	96	0	37-132/21
75-27-4	Bromodichloromethane	ND		2690	2740	102	2720	101	1	34-148/21
75-25-2	Bromoform	ND		2690	2790	104	2810	104	1	23-153/23
74-83-9	Bromomethane	ND		2690	2170	81	2160	80	0	10-150/27
78-93-3	2-Butanone (MEK)	ND		2690	3060	114	3100	115	1	21-179/29
75-15-0	Carbon disulfide	ND		2690	2510	93	2540	94	1	25-139/24
56-23-5	Carbon tetrachloride	ND		2690	2780	103	2850	106	2	25-156/24
108-90-7	Chlorobenzene	ND		2690	2590	96	2610	97	1	25-140/24
75-00-3	Chloroethane	329		2690	2590	84	2610	85	1	15-143/26
67-66-3	Chloroform	ND		2690	2640	98	2690	100	2	42-134/21
74-87-3	Chloromethane	ND		2690	1910	71	1990	74	4	33-134/25
124-48-1	Dibromochloromethane	ND		2690	2740	102	2700	100	1	28-150/22
75-34-3	1,1-Dichloroethane	7340		2690	8310	36* [a]	8630	48	4	44-131/21
107-06-2	1,2-Dichloroethane	188		2690	2980	104	2970	103	0	39-144/20
75-35-4	1,1-Dichloroethene	974		2690	3340	88	3480	93	4	37-135/23
156-59-2	cis-1,2-Dichloroethene	134	J	2690	2640	93	2690	95	2	38-134/21
156-60-5	trans-1,2-Dichloroethene	74.3	J	2690	2620	95	2690	97	3	35-133/23
540-59-0	1,2-Dichloroethene (total)	208	J	5380	5260	94	5390	96	2	37-133/22
78-87-5	1,2-Dichloropropane	ND		2690	2500	93	2530	94	1	41-132/20
10061-01-5	cis-1,3-Dichloropropene	ND		2690	2490	93	2480	92	0	31-141/23
10061-02-6	trans-1,3-Dichloropropene	ND		2690	2520	94	2550	95	1	29-146/24
100-41-4	Ethylbenzene	ND		2690	2640	98	2640	98	0	20-144/25
591-78-6	2-Hexanone	ND		2690	2650	99	2740	102	3	15-172/30
1634-04-4	Methyl Tert Butyl Ether	ND		2690	2450	91	2500	93	2	43-131/20
108-10-1	4-Methyl-2-pentanone(MIBK)	ND		2690	2490	93	2560	95	3	36-145/26
75-09-2	Methylene chloride	ND		2690	2440	91	2500	93	2	41-128/20
100-42-5	Styrene	ND		2690	2690	100	2690	100	0	13-154/25
79-34-5	1,1,2,2-Tetrachloroethane	ND		2690	2320	86	2320	86	0	30-134/26
127-18-4	Tetrachloroethene	49.4	J	2690	4130	152	4190	154	1	18-163/26
108-88-3	Toluene	56.5		2690	2580	94	2600	95	1	29-138/23
71-55-6	1,1,1-Trichloroethane	12400	E	2690	12400	0* [a]	12800	15* [a]	3	35-145/23
79-00-5	1,1,2-Trichloroethane	ND		2690	2460	91	2480	92	1	37-140/22
79-01-6	Trichloroethene	1410		2690	3890	92	3910	93	1	28-151/23
75-01-4	Vinyl chloride	ND		2690	2080	77	2170	81	4	33-143/24
1330-20-7	Xylene (total)	ND		8070	7910	98	7930	98	0	18-145/25

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JA73846
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: AFFCO, 361 Walsh Avenue, New Windsor, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JA73846-7MS	D181706.D	1	05/04/11	MAH	n/a	n/a	VD7379
JA73846-7MSD	D181707.D	1	05/04/11	MAH	n/a	n/a	VD7379
JA73846-7	D181709.D	1	05/04/11	MAH	n/a	n/a	VD7379

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA73846-5, JA73846-6, JA73846-7, JA73846-8, JA73846-9, JA73846-10, JA73846-11, JA73846-12, JA73846-13, JA73846-14, JA73846-15, JA73846-16

CAS No.	Surrogate Recoveries	MS	MSD	JA73846-7	Limits
1868-53-7	Dibromofluoromethane	96%	96%	93%	67-131%
17060-07-0	1,2-Dichloroethane-D4	105%	105%	105%	66-130%
2037-26-5	Toluene-D8	97%	98%	99%	76-125%
460-00-4	4-Bromofluorobenzene	90%	90%	93%	53-142%

(a) Outside control limits due to high level in sample relative to spike amount.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JA73846
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: AFFCO, 361 Walsh Avenue, New Windsor, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JA73706-2MS	D181732.D	1	05/04/11	MAH	n/a	n/a	VD7380
JA73706-2MSD	D181733.D	1	05/04/11	MAH	n/a	n/a	VD7380
JA73706-2 [a]	D181728.D	1	05/04/11	MAH	n/a	n/a	VD7380

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA73846-6, JA73846-7, JA73846-10, JA73846-11, JA73846-13, JA73846-15, JA73846-16

CAS No.	Compound	JA73706-2 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
75-34-3	1,1-Dichloroethane	ND		2500	2510	100	2460	98	2	44-131/21
71-55-6	1,1,1-Trichloroethane	ND		2500	2560	102	2510	100	2	35-145/23

CAS No.	Surrogate Recoveries	MS	MSD	JA73706-2	Limits
1868-53-7	Dibromofluoromethane	96%	96%	94%	67-131%
17060-07-0	1,2-Dichloroethane-D4	109%	106%	110%	66-130%
2037-26-5	Toluene-D8	98%	99%	100%	76-125%
460-00-4	4-Bromofluorobenzene	92%	90%	98%	53-142%

(a) Dilution required due to matrix interference.

Instrument Performance Check (BFB)

Job Number: JA73846
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: AFFCO, 361 Walsh Avenue, New Windsor, NY

Sample: V3B3198-BFB
Lab File ID: 3B68494.D
Instrument ID: GCMS3B
Injection Date: 03/24/11
Injection Time: 20:18

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	15.0 - 40.0% of mass 95	12254	20.0		Pass
75	30.0 - 60.0% of mass 95	29549	48.1		Pass
95	Base peak, 100% relative abundance	61413	100.0		Pass
96	5.0 - 9.0% of mass 95	4363	7.10		Pass
173	Less than 2.0% of mass 174	0	0.00	(0.00) [a]	Pass
174	50.0 - 150.0% of mass 95	64738	105.4		Pass
175	5.0 - 9.0% of mass 174	5535	9.01	(8.55) [a]	Pass
176	95.0 - 101.0% of mass 174	63328	103.1	(97.8) [a]	Pass
177	5.0 - 9.0% of mass 176	4428	7.21	(6.99) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V3B3198-IC3198	3B68495.D	03/24/11	21:14	00:56	Initial cal 0.5
V3B3198-IC3198	3B68496.D	03/24/11	21:44	01:26	Initial cal 1
V3B3198-IC3198	3B68497.D	03/24/11	22:13	01:55	Initial cal 2
V3B3198-IC3198	3B68498.D	03/24/11	22:43	02:25	Initial cal 5
V3B3198-IC3198	3B68499.D	03/24/11	23:12	02:54	Initial cal 10
V3B3198-IC3198	3B68500.D	03/24/11	23:42	03:24	Initial cal 20
V3B3198-ICC3198	3B68501.D	03/25/11	00:12	03:54	Initial cal 50
V3B3198-IC3198	3B68502.D	03/25/11	00:42	04:24	Initial cal 100
V3B3198-IC3198	3B68503.D	03/25/11	01:12	04:54	Initial cal 200
V3B3198-ICV3198	3B68506.D	03/25/11	02:41	06:23	Initial cal verification 50

Instrument Performance Check (BFB)

Job Number: JA73846
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: AFFCO, 361 Walsh Avenue, New Windsor, NY

Sample:	V3B3252-BFB	**Injection Date:**	04/27/11
Lab File ID:	3B69687.D	**Injection Time:**	10:08
Instrument ID:	GCMS3B		

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	15.0 - 40.0% of mass 95	11159	18.5		Pass
75	30.0 - 60.0% of mass 95	29765	49.5		Pass
95	Base peak, 100% relative abundance	60192	100.0		Pass
96	5.0 - 9.0% of mass 95	3674	6.10		Pass
173	Less than 2.0% of mass 174	0	0.00	(0.00) [a]	Pass
174	50.0 - 150.0% of mass 95	63328	105.2		Pass
175	5.0 - 9.0% of mass 174	4887	8.12	(7.72) [a]	Pass
176	95.0 - 101.0% of mass 174	62189	103.3	(98.2) [a]	Pass
177	5.0 - 9.0% of mass 176	3972	6.60	(6.39) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V3B3252-CC3198	3B69688.D	04/27/11	10:49	00:41	Continuing cal 20
V3B3252-MB	3B69689.D	04/27/11	11:25	01:17	Method Blank
V3B3252-BS	3B69690.D	04/27/11	12:04	01:56	Blank Spike
ZZZZZZ	3B69691.D	04/27/11	12:46	02:38	(unrelated sample)
JA74152-1	3B69692.D	04/27/11	13:15	03:07	(used for QC only; not part of job JA73846)
ZZZZZZ	3B69693.D	04/27/11	13:45	03:37	(unrelated sample)
ZZZZZZ	3B69694.D	04/27/11	14:14	04:06	(unrelated sample)
ZZZZZZ	3B69695.D	04/27/11	14:44	04:36	(unrelated sample)
ZZZZZZ	3B69696.D	04/27/11	15:14	05:06	(unrelated sample)
ZZZZZZ	3B69697.D	04/27/11	15:43	05:35	(unrelated sample)
JA74152-1MS	3B69698.D	04/27/11	16:13	06:05	Matrix Spike
JA74152-1MSD	3B69699.D	04/27/11	16:43	06:35	Matrix Spike Duplicate
ZZZZZZ	3B69701.D	04/27/11	17:42	07:34	(unrelated sample)
ZZZZZZ	3B69702.D	04/27/11	18:11	08:03	(unrelated sample)
ZZZZZZ	3B69703.D	04/27/11	18:41	08:33	(unrelated sample)
JA73846-1	3B69704.D	04/27/11	19:11	09:03	EW-O
JA73846-1	3B69705.D	04/27/11	19:40	09:32	EW-O
ZZZZZZ	3B69706.D	04/27/11	20:10	10:02	(unrelated sample)

Instrument Performance Check (BFB)

Job Number: JA73846
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: AFFCO, 361 Walsh Avenue, New Windsor, NY

Sample:	V3B3254-BFB	**Injection Date:**	04/28/11
Lab File ID:	3B69727.D	**Injection Time:**	20:34
Instrument ID:	GCMS3B		

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	15.0 - 40.0% of mass 95	15969	19.0		Pass
75	30.0 - 60.0% of mass 95	40072	47.7		Pass
95	Base peak, 100% relative abundance	84064	100.0		Pass
96	5.0 - 9.0% of mass 95	5496	6.54		Pass
173	Less than 2.0% of mass 174	0	0.00	(0.00) [a]	Pass
174	50.0 - 150.0% of mass 95	82698	98.4		Pass
175	5.0 - 9.0% of mass 174	6430	7.65	(7.78) [a]	Pass
176	95.0 - 101.0% of mass 174	81386	96.8	(98.4) [a]	Pass
177	5.0 - 9.0% of mass 176	5342	6.35	(6.56) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V3B3254-IC3254	3B69728.D	04/28/11	21:02	00:28	Initial cal 0.5
ZZZZZZ	3B69728.D	04/28/11	21:02	00:28	(unrelated sample)
V3B3254-IC3254	3B69729.D	04/28/11	21:32	00:58	Initial cal 1
ZZZZZZ	3B69729.D	04/28/11	21:32	00:58	(unrelated sample)
V3B3254-IC3254	3B69730.D	04/28/11	22:02	01:28	Initial cal 2
V3B3254-IC3254	3B69731.D	04/28/11	22:31	01:57	Initial cal 5
V3B3254-IC3254	3B69732.D	04/28/11	23:01	02:27	Initial cal 10
V3B3254-IC3254	3B69733.D	04/28/11	23:31	02:57	Initial cal 20
V3B3254-ICC3254	3B69734.D	04/29/11	00:01	03:27	Initial cal 50
V3B3254-IC3254	3B69735.D	04/29/11	00:30	03:56	Initial cal 100
V3B3254-IC3254	3B69736.D	04/29/11	01:00	04:26	Initial cal 200
V3B3254-ICV3254	3B69739.D	04/29/11	02:29	05:55	Initial cal verification 50

Instrument Performance Check (BFB)

Job Number: JA73846
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: AFFCO, 361 Walsh Avenue, New Windsor, NY

Sample:	V3B3257-BFB	**Injection Date:**	04/30/11
Lab File ID:	3B69785.D	**Injection Time:**	08:19
Instrument ID:	GCMS3B		

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	15.0 - 40.0% of mass 95	9754	19.0		Pass
75	30.0 - 60.0% of mass 95	24768	48.2		Pass
95	Base peak, 100% relative abundance	51400	100.0		Pass
96	5.0 - 9.0% of mass 95	3505	6.82		Pass
173	Less than 2.0% of mass 174	0	0.00	(0.00) [a]	Pass
174	50.0 - 150.0% of mass 95	51429	100.1		Pass
175	5.0 - 9.0% of mass 174	3763	7.32	(7.32) [a]	Pass
176	95.0 - 101.0% of mass 174	49634	96.6	(96.5) [a]	Pass
177	5.0 - 9.0% of mass 176	3388	6.59	(6.83) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V3B3257-CC3254	3B69786.D	04/30/11	08:53	00:34	Continuing cal 20
V3B3257-MB	3B69787.D	04/30/11	09:39	01:20	Method Blank
V3B3257-BS	3B69788.D	04/30/11	10:12	01:53	Blank Spike
JA73897-15	3B69790.D	04/30/11	11:18	02:59	(used for QC only; not part of job JA73846)
ZZZZZZ	3B69791.D	04/30/11	11:48	03:29	(unrelated sample)
ZZZZZZ	3B69792.D	04/30/11	12:18	03:59	(unrelated sample)
JA73897-15MS	3B69793.D	04/30/11	12:47	04:28	Matrix Spike
JA73897-15MSD	3B69794.D	04/30/11	13:17	04:58	Matrix Spike Duplicate
ZZZZZZ	3B69796.D	04/30/11	14:17	05:58	(unrelated sample)
JA73846-4	3B69797.D	04/30/11	14:46	06:27	FB042111
JA73846-17	3B69798.D	04/30/11	15:16	06:57	FB042111 SO
JA73846-2	3B69799.D	04/30/11	15:46	07:27	E1-NEW
JA73846-3	3B69800.D	04/30/11	16:16	07:57	S-8
ZZZZZZ	3B69801.D	04/30/11	16:45	08:26	(unrelated sample)
ZZZZZZ	3B69802.D	04/30/11	17:15	08:56	(unrelated sample)
ZZZZZZ	3B69803.D	04/30/11	17:45	09:26	(unrelated sample)
ZZZZZZ	3B69804.D	04/30/11	18:15	09:56	(unrelated sample)
ZZZZZZ	3B69805.D	04/30/11	18:44	10:25	(unrelated sample)
ZZZZZZ	3B69806.D	04/30/11	19:14	10:55	(unrelated sample)
ZZZZZZ	3B69807.D	04/30/11	19:44	11:25	(unrelated sample)

Instrument Performance Check (BFB)

Job Number: JA73846
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: AFFCO, 361 Walsh Avenue, New Windsor, NY

Sample:	VD7360-BFB	**Injection Date:**	04/22/11
Lab File ID:	D181258.D	**Injection Time:**	10:26
Instrument ID:	GCMSD		

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	15.0 - 40.0% of mass 95	11710	17.6		Pass
75	30.0 - 60.0% of mass 95	30616	46.0		Pass
95	Base peak, 100% relative abundance	66568	100.0		Pass
96	5.0 - 9.0% of mass 95	4277	6.43		Pass
173	Less than 2.0% of mass 174	0	0.00	(0.00) [a]	Pass
174	50.0 - 120.0% of mass 95	59435	89.3		Pass
175	5.0 - 9.0% of mass 174	4490	6.74	(7.55) [a]	Pass
176	95.0 - 101.0% of mass 174	58837	88.4	(99.0) [a]	Pass
177	5.0 - 9.0% of mass 176	3721	5.59	(6.32) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
VD7360-IC7360	D181259.D	04/22/11	10:57	00:31	Initial cal 5
VD7360-IC7360	D181260.D	04/22/11	11:30	01:04	Initial cal 2
VD7360-IC7360	D181261.D	04/22/11	11:59	01:33	Initial cal 1
VD7360-IC7360	D181262.D	04/22/11	12:29	02:03	Initial cal 0.5
VD7360-IC7360	D181263.D	04/22/11	12:58	02:32	Initial cal 20
VD7360-ICC7360	D181264.D	04/22/11	13:27	03:01	Initial cal 50
VD7360-ICV7360	D181265.D	04/22/11	13:56	03:30	Initial cal verification 50
VD7360-IC7360	D181266.D	04/22/11	14:26	04:00	Initial cal 100
VD7360-IC7360	D181267.D	04/22/11	14:55	04:29	Initial cal 200

Instrument Performance Check (BFB)

Job Number: JA73846
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: AFFCO, 361 Walsh Avenue, New Windsor, NY

Sample:	VD7379-BFB	**Injection Date:**	05/03/11
Lab File ID:	D181701.D	**Injection Time:**	23:46
Instrument ID:	GCMSD		

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	15.0 - 40.0% of mass 95	13711	19.9		Pass
75	30.0 - 60.0% of mass 95	33397	48.6		Pass
95	Base peak, 100% relative abundance	68784	100.0		Pass
96	5.0 - 9.0% of mass 95	4848	7.05		Pass
173	Less than 2.0% of mass 174	0	0.00	(0.00) [a]	Pass
174	50.0 - 120.0% of mass 95	58552	85.1		Pass
175	5.0 - 9.0% of mass 174	4504	6.55	(7.69) [a]	Pass
176	95.0 - 101.0% of mass 174	57304	83.3	(97.9) [a]	Pass
177	5.0 - 9.0% of mass 176	3809	5.54	(6.65) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
VD7379-CC7360	D181702.D	05/04/11	00:15	00:29	Continuing cal 50
VD7379-MB	D181704.D	05/04/11	01:13	01:27	Method Blank
VD7379-BS	D181705.D	05/04/11	01:43	01:57	Blank Spike
JA73846-7MS	D181706.D	05/04/11	02:12	02:26	Matrix Spike
JA73846-7MSD	D181707.D	05/04/11	02:41	02:55	Matrix Spike Duplicate
JA73846-7	D181709.D	05/04/11	03:40	03:54	SB-4 (8-12)
JA73846-5	D181710.D	05/04/11	04:09	04:23	SB-3 (14-15)
JA73846-8	D181711.D	05/04/11	04:38	04:52	SB-1 (0-2)
JA73846-9	D181712.D	05/04/11	05:07	05:21	SB-1 (2-4)
JA73846-10	D181713.D	05/04/11	05:37	05:51	SB-1 (4-6)
JA73846-11	D181714.D	05/04/11	06:06	06:20	SB-1 (6-8)
JA73846-12	D181715.D	05/04/11	06:35	06:49	SB-1 (8-10)
JA73846-13	D181716.D	05/04/11	07:05	07:19	SB-1 (10-12)
JA73846-14	D181717.D	05/04/11	07:34	07:48	SB-1 (12-14)
JA73846-15	D181718.D	05/04/11	08:03	08:17	SB-1 (14-15)
JA73846-16	D181719.D	05/04/11	08:33	08:47	SB-5 (4-6)
JA73846-6	D181720.D	05/04/11	09:02	09:16	SB-2 (4-8)

Instrument Performance Check (BFB)

Job Number: JA73846
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: AFFCO, 361 Walsh Avenue, New Windsor, NY

Sample: VD7380-BFB
Lab File ID: D181722.D
Instrument ID: GCMSD
Injection Date: 05/04/11
Injection Time: 10:08

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	15.0 - 40.0% of mass 95	12591	20.5		Pass
75	30.0 - 60.0% of mass 95	30645	49.8		Pass
95	Base peak, 100% relative abundance	61501	100.0		Pass
96	5.0 - 9.0% of mass 95	4205	6.84		Pass
173	Less than 2.0% of mass 174	0	0.00	(0.00) [a]	Pass
174	50.0 - 120.0% of mass 95	52653	85.6		Pass
175	5.0 - 9.0% of mass 174	3927	6.39	(7.46) [a]	Pass
176	95.0 - 101.0% of mass 174	51424	83.6	(97.7) [a]	Pass
177	5.0 - 9.0% of mass 176	3360	5.46	(6.53) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
VD7380-CC7360	D181723.D	05/04/11	10:55	00:47	Continuing cal 20
VD7380-MB	D181725.D	05/04/11	12:02	01:54	Method Blank
VD7380-BS	D181726.D	05/04/11	12:31	02:23	Blank Spike
JA73706-2	D181728.D	05/04/11	14:02	03:54	(used for QC only; not part of job JA73846)
JA73846-6	D181729.D	05/04/11	14:32	04:24	SB-2 (4-8)
JA73846-7	D181730.D	05/04/11	15:01	04:53	SB-4 (8-12)
JA73846-10	D181731.D	05/04/11	15:31	05:23	SB-1 (4-6)
JA73706-2MS	D181732.D	05/04/11	16:00	05:52	Matrix Spike
JA73706-2MSD	D181733.D	05/04/11	16:30	06:22	Matrix Spike Duplicate
JA73846-11	D181735.D	05/04/11	17:28	07:20	SB-1 (6-8)
JA73846-13	D181736.D	05/04/11	17:58	07:50	SB-1 (10-12)
JA73846-15	D181737.D	05/04/11	18:27	08:19	SB-1 (14-15)
JA73846-16	D181738.D	05/04/11	18:57	08:49	SB-5 (4-6)
ZZZZZZ	D181739.D	05/04/11	19:26	09:18	(unrelated sample)
ZZZZZZ	D181740.D	05/04/11	19:55	09:47	(unrelated sample)
ZZZZZZ	D181741.D	05/04/11	20:25	10:17	(unrelated sample)
ZZZZZZ	D181742.D	05/04/11	20:54	10:46	(unrelated sample)
ZZZZZZ	D181744.D	05/04/11	21:53	11:45	(unrelated sample)

Volatile Surrogate Recovery Summary

Job Number: JA73846
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: AFFCO, 361 Walsh Avenue, New Windsor, NY

Method: SW846 8260B **Matrix:** AQ

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1	S2	S3	S4
JA73846-1	3B69705.D	120.0	122.0	105.0	98.0
JA73846-1	3B69704.D	118.0	115.0	104.0	97.0
JA73846-2	3B69799.D	107.0	114.0	114.0	105.0
JA73846-3	3B69800.D	107.0	113.0	116.0	106.0
JA73846-4	3B69797.D	105.0	113.0	113.0	107.0
JA73846-17	3B69798.D	106.0	114.0	115.0	106.0
JA73897-15MS	3B69793.D	108.0	113.0	115.0	105.0
JA73897-15MSD	3B69794.D	109.0	112.0	114.0	107.0
JA74152-1MS	3B69698.D	121.0* [a]	118.0	105.0	99.0
JA74152-1MSD	3B69699.D	121.0* [b]	118.0	104.0	98.0
V3B3252-BS	3B69690.D	119.0	105.0	105.0	98.0
V3B3252-MB	3B69689.D	118.0	112.0	104.0	100.0
V3B3257-BS	3B69788.D	108.0	111.0	114.0	106.0
V3B3257-MB	3B69787.D	105.0	110.0	114.0	107.0

Surrogate Compounds	Recovery Limits
S1 = Dibromofluoromethane	77-120%
S2 = 1,2-Dichloroethane-D4	70-127%
S3 = Toluene-D8	79-120%
S4 = 4-Bromofluorobenzene	76-118%

(a) Outside control limits due to matrix interference. Confirmed by reanalysis.
(b) Outside control limits due to matrix interference.

Volatile Surrogate Recovery Summary

Job Number: JA73846
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: AFFCO, 361 Walsh Avenue, New Windsor, NY

Method: SW846 8260B **Matrix:** SO

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1	S2	S3	S4
JA73846-5	D181710.D	93.0	105.0	99.0	93.0
JA73846-6	D181729.D	95.0	109.0	100.0	96.0
JA73846-6	D181720.D	96.0	110.0	97.0	92.0
JA73846-7	D181730.D	95.0	111.0	101.0	94.0
JA73846-7	D181709.D	93.0	105.0	99.0	93.0
JA73846-8	D181711.D	96.0	106.0	106.0	94.0
JA73846-9	D181712.D	94.0	105.0	106.0	94.0
JA73846-10	D181731.D	95.0	107.0	101.0	93.0
JA73846-10	D181713.D	97.0	108.0	107.0	95.0
JA73846-11	D181735.D	95.0	107.0	100.0	92.0
JA73846-11	D181714.D	96.0	104.0	108.0	98.0
JA73846-12	D181715.D	96.0	107.0	102.0	95.0
JA73846-13	D181736.D	95.0	109.0	97.0	96.0
JA73846-13	D181716.D	96.0	108.0	98.0	93.0
JA73846-14	D181717.D	95.0	108.0	99.0	94.0
JA73846-15	D181737.D	93.0	108.0	98.0	94.0
JA73846-15	D181718.D	94.0	108.0	102.0	94.0
JA73846-16	D181738.D	95.0	108.0	99.0	95.0
JA73846-16	D181719.D	95.0	106.0	108.0	96.0
JA73706-2MS	D181732.D	96.0	109.0	98.0	92.0
JA73706-2MSD	D181733.D	96.0	106.0	99.0	90.0
JA73846-7MS	D181706.D	96.0	105.0	97.0	90.0
JA73846-7MSD	D181707.D	96.0	105.0	98.0	90.0
VD7379-BS	D181705.D	96.0	105.0	98.0	90.0
VD7379-MB	D181704.D	93.0	107.0	99.0	92.0
VD7380-BS	D181726.D	97.0	108.0	102.0	90.0
VD7380-MB	D181725.D	93.0	109.0	100.0	93.0

Surrogate Compounds	Recovery Limits
S1 = Dibromofluoromethane	67-131%
S2 = 1,2-Dichloroethane-D4	66-130%
S3 = Toluene-D8	76-125%
S4 = 4-Bromofluorobenzene	53-142%

New Jersey ACCUTEST LABORATORIES

General Chemistry

QC Data Summaries

Includes the following where applicable:

- Method Blank and Blank Spike Summaries
- Duplicate Summaries
- Matrix Spike Summaries

METHOD BLANK AND SPIKE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: JA73846
Account: FLSNYNY - Fleming-Lee Shue, Inc.
Project: AFFCO, 361 Walsh Avenue, New Windsor, NY

Analyte	Batch ID	RL	MB Result	Units	Spike Amount	BSP Result	BSP %Recov	QC Limits
Chloride	GP58571/GN50441	2.0	0.0	mg/l	80	83.9	104.9	90-110%
Dissolved Organic Carbon	GP58595/GN50384	1.0	0.0	mg/l	10	10.2	102.0	90-110%
Nitrogen, Nitrate + Nitrite	GP58606/GN50394	0.10	0.0099	mg/l	2	2.02	101.0	90-110%
Nitrogen, Nitrate + Nitrite	GP58607/GN50394	0.10	0.012	mg/l	2	2.03	101.5	90-110%
Nitrogen, Nitrite	GN50053	0.010	0.0	mg/l	0.04	0.040	100.0	90-110%
Sulfate	GP58571/GN50441	10	0.0	mg/l	80	83.9	104.9	90-110%

Associated Samples:
Batch GN50053: JA73846-1, JA73846-2, JA73846-3, JA73846-4
Batch GP58571: JA73846-1, JA73846-2, JA73846-3, JA73846-4
Batch GP58595: JA73846-1F, JA73846-2F, JA73846-3F, JA73846-4F
Batch GP58606: JA73846-1, JA73846-2, JA73846-3
Batch GP58607: JA73846-4
(*) Outside of QC limits

DUPLICATE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: JA73846
Account: FLSNYNY - Fleming-Lee Shue, Inc.
Project: AFFCO, 361 Walsh Avenue, New Windsor, NY

Analyte	Batch ID	QC Sample	Units	Original Result	DUP Result	RPD	QC Limits
Chloride	GP58571/GN50301	JA73717-3	mg/l	184	184	0.0	0-20%
Nitrogen, Nitrate + Nitrite	GP58606/GN50394	JA73842-1	mg/l	1.9	1.9	0.0	0-26%
Nitrogen, Nitrite	GN50053	JA73846-1	mg/l	0.0	0.0	0.0	0-22%
Sulfate	GP58571/GN50301	JA73717-3	mg/l	19.9	19.9	0.0	0-20%

Associated Samples:
Batch GN50053: JA73846-1, JA73846-2, JA73846-3, JA73846-4
Batch GP58571: JA73846-1, JA73846-2, JA73846-3, JA73846-4
Batch GP58606: JA73846-1, JA73846-2, JA73846-3
(*) Outside of QC limits

MATRIX SPIKE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: JA73846
Account: FLSNYNY - Fleming-Lee Shue, Inc.
Project: AFFCO, 361 Walsh Avenue, New Windsor, NY

Analyte	Batch ID	QC Sample	Units	Original Result	Spike Amount	MS Result	%Rec	QC Limits
Chloride	GP58571/GN50301	JA73717-3	mg/l	184	80	263	98.8	80-120%
Dissolved Organic Carbon	GP58595/GN50384	JA73846-1F	mg/l	5.2	10	16.3	111.0	72-119%
Nitrogen, Nitrate + Nitrite	GP58606/GN50394	JA73842-1	mg/l	1.9	1	2.8	90.0	90-110%
Nitrogen, Nitrite	GN50053	JA73846-1	mg/l	0.0	0.04	0.039	97.5	64-117%
Sulfate	GP58571/GN50301	JA73717-3	mg/l	19.9	80	102	102.6	80-120%

Associated Samples:
Batch GN50053: JA73846-1, JA73846-2, JA73846-3, JA73846-4
Batch GP58571: JA73846-1, JA73846-2, JA73846-3, JA73846-4
Batch GP58595: JA73846-1F, JA73846-2F, JA73846-3F, JA73846-4F
Batch GP58606: JA73846-1, JA73846-2, JA73846-3
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits

MATRIX SPIKE DUPLICATE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: JA73846
Account: FLSNYNY - Fleming-Lee Shue, Inc.
Project: AFFCO, 361 Walsh Avenue, New Windsor, NY

Analyte	Batch ID	QC Sample	Units	Original Result	Spike Amount	MSD Result	RPD	QC Limit
Dissolved Organic Carbon	GP58595/GN50384	JA73846-1F	mg/l	5.2	10	16.0	1.9	20%

Associated Samples:
Batch GP58595: JA73846-1F, JA73846-2F, JA73846-3F, JA73846-4F
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits