

Environmental Testing Laboratories, Inc.

208 Route 109, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

10/31/2006

Laboratory Identifier: 0610577

Received: 10/26/2006 12:57

Sampled by: Brian Dortch

Client: Blue Water

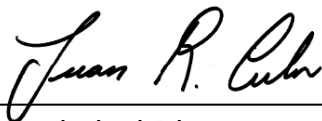
1610 New Highway
Farmingdale,
NY 11735

Project: Island Park Pilot Study

7 Washington Ave
Island Park,
NY 11558

Manager: Greg Ernst (Gannett Flaming)

Respectfully submitted,



Technical Director

NYS Lab ID # 10969
NJ Cert. # 73812
CT Cert. # PH0645
MA Cert. # NY061
PA Cert. # 68-535
NH Cert. # 252592-BA
RI Cert. # 161

The information contained in this report is confidential and intended only for the use of the client listed above. This report shall not be reproduced, except in full, without the written consent of Environmental Testing Laboratories, Inc.



Environmental Testing Laboratories, Inc.

208 Route 109, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

10/31/2006

STARS Volatile Compounds by SW 846 8260

Sample: 0610577-1

Client Sample ID: RS- 4/3

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 10/26/2006

Type: Composite

Collected: 10/26/2006 11:00

% Solid: 85.5%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
1634-04-4	MTBE	B 2193-6241	2.92	2.92	ppb	U
71-43-2	Benzene	B 2193-6241	2.92	2.92	ppb	U
108-88-3	Toluene	B 2193-6241	2.22	2.22	ppb	U
100-41-4	Ethylbenzene	B 2193-6241	2.52	2.52	ppb	U
108-38-3	m,p-xylene	B 2193-6241	5.85	5.85	ppb	U
95-47-6	o-xylene	B 2193-6241	4.39	4.39	ppb	U
1330-20-7	Xylenes(Total)	B 2193-6241	5.15	5.15	ppb	U
98-82-8	Isopropylbenzene	B 2193-6241	3.69	3.69	ppb	U
103-65-1	n-Propylbenzene	B 2193-6241	4.21	3.67	ppb	J
108-67-8	1,3,5-Trimethylbenzene	B 2193-6241	4.80	3.45	ppb	J
98-06-6	tert-Butylbenzene	B 2193-6241	5.62	5.62	ppb	U
95-63-6	1,2,4-Trimethylbenzene	B 2193-6241	5.50	20.3	ppb	Y
135-98-8	sec-Butylbenzene	B 2193-6241	4.86	4.30	ppb	J
99-87-6	p-Isopropyltoluene	B 2193-6241	4.62	11.9	ppb	Y
104-51-8	n-Butylbenzene	B 2193-6241	5.21	7.60	ppb	Y
91-20-3	Naphthalene	B 2193-6241	7.14	11.4	ppb	Y

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	B2193-6241	93.1 %	(80 - 110)	
4774-33-8	DIBROMOFLUOROMETHANE	B2193-6241	111.0 %	(68 - 156)	
2037-26-5	TOLUENE-D8	B2193-6241	97.7 %	(91 - 108)	



Environmental Testing Laboratories, Inc.

208 Route 109, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

10/31/2006

STARS Semivolatiles by SW846 8270C

Sample: 0610577-1

Client Sample ID: RS- 4/3

Matrix: Soil

Remarks:

Analyzed Date: 10/31/2006

Preparation Date(s) : 10/30/2006

Type: Composite

Collected: 10/26/2006 11:00

% Solid: 85.5%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
91-20-3	Naphthalene	B 2094-617	60.8	52.5	ppb	J
83-32-9	Acenaphthene	B 2094-617	48.0	48.0	ppb	U
86-73-7	Fluorene	B 2094-617	49.1	149	ppb	Y
85-01-8	Phenanthrene	B 2094-617	38.6	273	ppb	Y
120-12-7	Anthracene	B 2094-617	32.8	119	ppb	Y
206-44-0	Fluoranthene	B 2094-617	37.4	151	ppb	Y
129-00-0	Pyrene	B 2094-617	29.3	197	ppb	Y
56-55-3	Benzo(a)anthracene	B 2094-617	26.9	68.2	ppb	Y
218-01-9	Chrysene	B 2094-617	43.3	96.5	ppb	Y
205-99-2	Benzo(b)fluoranthene	B 2094-617	52.7	62.9	ppb	Y
207-08-9	Benzo(k)fluoranthene	B 2094-617	45.6	49.3	ppb	Y
50-32-8	Benzo(a)pyrene	B 2094-617	24.6	61.3	ppb	Y
193-39-5	Indeno(1,2,3-cd)pyrene	B 2094-617	30.4	49.7	ppb	Y
53-70-3	Dibenzo(a,h)anthracene	B 2094-617	33.9	33.9	ppb	U
191-24-2	Benzo(g,h,i)perylene	B 2094-617	37.4	66.3	ppb	Y
208-96-8	Acenaphthylene	B 2094-617	45.6	45.6	ppb	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
321-60-8	2-FLUOROBIPHENYL	B2094-617	53.5 %	(30 - 115)	
4165-60-0	NITROBENZENE-D5	B2094-617	49.2 %	(23 - 120)	
1718-51-0	TERPHENYL-D14	B2094-617	56.4 %	(18 - 137)	



Environmental Testing Laboratories, Inc.

208 Route 109, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

10/31/2006

TPH - Method 8015B

Sample: 0610577-1

Client Sample ID: RS- 4/3

Matrix: Soil

Remarks:

Analyzed Date: 10/31/2006

Preparation Date(s) : 10/30/2006

Type: Composite

Collected: 10/26/2006 11:00

% Solid: 85.5%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
	Diesel Range Organics	H 507 -78	14.0	1490	ppm	

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	H507-78	68.6 %	(30 - 150)	



Environmental Testing Laboratories, Inc.

208 Route 109, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

10/31/2006

Gasoline Range Organics - EPA 8015B

Sample: 0610577-1

Client Sample ID: RS- 4/3

Matrix: Soil

Remarks:

Analyzed Date: 10/27/2006

Type: Composite

Collected: 10/26/2006 11:00

% Solid: 85.5%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
	Gasoline Range Organics	M 236 -8	0.51	10.8	ppm	

* Results are reported on a dry weight basis



Environmental Testing Laboratories, Inc.

208 Route 109, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

10/31/2006

Case Narrative

EPA 8260 VOLATILE ANALYSIS:

The following compounds were calibrated at 25, 50, 100, 150 and 200 ppb levels in the initial calibration curve:

- Acetone
- 2-Butanone
- 4-Methyl-2-pentanone
- 2-Hexanone

M&P-Xylenes and 2-Chloroethylvinylether were calibrated at 10, 40, 100, 200 and 300 ppb levels.

Acrolein/Acrylonitrile were calibrated at 50,100,150,200 and 250 ppb levels.

Tert Butyl Alcohol (TBA) was calibrated at 50,200,500,1000 and 1500 ppb levels.

All other compounds were calibrated at 5, 20, 50, 100 and 150 ppb levels.



Environmental Testing Laboratories, Inc.

208 Route 109, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

10/31/2006

ORGANIC METHOD QUALIFIERS

Q - Qualifier - specified entries and their meanings are as follows:

- U - The analytical result is not detected above the Method Detection Limit (MDL).
All MDL's are lower than the lowest calibration standard concentration.
- J - Indicates an estimated value. The concentration reported was detected below the Method Detection Limit (MDL).
- Y - The concentration reported was detected below the lowest calibration standard concentration.
- B - The analyte was found in the associated method blank as well as the sample. It indicates possible/probable blank contamination and warns the data user to take appropriate action.
- E - The concentration of the analyte exceeded the calibration range of the instrument.
- D - This flag indicates a system monitoring compound diluted out.

INORGANIC METHOD QUALIFIERS

C - (Concentration) qualifiers are as follows:

- B - Entered if the reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL) but greater than or equal to the Instrument Detection Limit (IDL).
- U - Entered when the analyte was analyzed for, but not detected above the Method Detection Limit (MDL) which is less than the lowest calibration standard concentration.

Q - Qualifier specific entries and their meanings are as follows:

- E - Reported value is estimated because of the presence of interferences.

M - (Method) qualifiers are as follows:

- A - Flame AA
- AS - Semi-automated Spectrophotometric
- AV - Automated Cold Vapor AA
- C - Manual Spectrophotometric
- F - Furnace AA
- P - ICP
- T - Titrimetric

OTHER QUALIFIERS

ND - Not Detected

