

Environmental Testing Laboratories, Inc.

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

12/27/2006

Laboratory Identifier: 0612385

Received: 12/18/2006 16:17

Client: Blue Water

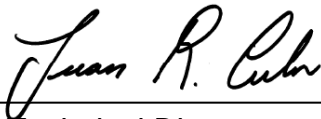
1610 New Highway
Farmingdale,
NY 11735

Project: Island Park Pilot Study

7 Washington Ave
Island Park,
NY 11558

Manager: Greg Ernst (Gannett)

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. Analytical results relate to the samples AS RECEIVED BY THE LABORATORY.



Environmental Testing Laboratories, Inc.

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

12/27/2006

STARS Volatile Compounds by SW 846 8260

Sample: 0612385-1

Client Sample ID: SF-121806

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 12/21/2006

Type: Composite

Collected: 12/18/2006 09:00

% Solid: 93.2%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
1634-04-4	MTBE	B 2242-7259	2.68	2.68	ug/Kg	U
71-43-2	Benzene	B 2242-7259	2.68	2.68	ug/Kg	U
108-88-3	Toluene	B 2242-7259	2.04	2.04	ug/Kg	U
100-41-4	Ethylbenzene	B 2242-7259	2.30	2.30	ug/Kg	U
108-38-3	m,p-xylene	B 2242-7259	5.36	5.36	ug/Kg	U
95-47-6	o-xylene	B 2242-7259	4.02	4.02	ug/Kg	U
1330-20-7	Xylenes(Total)	B 2242-7259	4.72	4.72	ug/Kg	U
98-82-8	Isopropylbenzene	B 2242-7259	3.38	3.38	ug/Kg	U
103-65-1	n-Propylbenzene	B 2242-7259	3.86	3.86	ug/Kg	U
108-67-8	1,3,5-Trimethylbenzene	B 2242-7259	4.40	4.40	ug/Kg	U
98-06-6	tert-Butylbenzene	B 2242-7259	5.15	5.15	ug/Kg	U
95-63-6	1,2,4-Trimethylbenzene	B 2242-7259	5.04	5.04	ug/Kg	U
135-98-8	sec-Butylbenzene	B 2242-7259	4.45	4.45	ug/Kg	U
99-87-6	p-Isopropyltoluene	B 2242-7259	4.23	8.85	ug/Kg	Y
104-51-8	n-Butylbenzene	B 2242-7259	4.77	4.77	ug/Kg	U
91-20-3	Naphthalene	B 2242-7259	6.54	6.54	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	B2242-7259	96.1 %	(80 - 110)	
4774-33-8	DIBROMOFLUOROMETHANE	B2242-7259	100.0 %	(68 - 156)	
2037-26-5	TOLUENE-D8	B2242-7259	97.2 %	(89 - 113)	



Environmental Testing Laboratories, Inc.

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

12/27/2006

STARS Volatile Compounds by SW 846 8260

Sample: 0612385-2

Client Sample ID: BID-121806

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 12/21/2006

Type: Composite

Collected: 12/18/2006 09:15

% Solid: 90.3%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
1634-04-4	MTBE	B 2242-7260	2.77	2.77	ug/Kg	U
71-43-2	Benzene	B 2242-7260	2.77	2.77	ug/Kg	U
108-88-3	Toluene	B 2242-7260	2.11	2.11	ug/Kg	U
100-41-4	Ethylbenzene	B 2242-7260	2.38	2.38	ug/Kg	U
108-38-3	m,p-xylene	B 2242-7260	5.54	5.54	ug/Kg	U
95-47-6	o-xylene	B 2242-7260	4.16	4.16	ug/Kg	U
1330-20-7	Xylenes(Total)	B 2242-7260	4.88	4.88	ug/Kg	U
98-82-8	Isopropylbenzene	B 2242-7260	3.49	3.49	ug/Kg	U
103-65-1	n-Propylbenzene	B 2242-7260	3.99	3.99	ug/Kg	U
108-67-8	1,3,5-Trimethylbenzene	B 2242-7260	4.54	4.54	ug/Kg	U
98-06-6	tert-Butylbenzene	B 2242-7260	5.32	5.32	ug/Kg	U
95-63-6	1,2,4-Trimethylbenzene	B 2242-7260	5.21	5.21	ug/Kg	U
135-98-8	sec-Butylbenzene	B 2242-7260	4.60	4.60	ug/Kg	U
99-87-6	p-Isopropyltoluene	B 2242-7260	4.38	16.7	ug/Kg	Y
104-51-8	n-Butylbenzene	B 2242-7260	4.93	4.93	ug/Kg	U
91-20-3	Naphthalene	B 2242-7260	6.76	6.76	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	B2242-7260	97.0 %	(80 - 110)	
4774-33-8	DIBROMOFLUOROMETHANE	B2242-7260	99.7 %	(68 - 156)	
2037-26-5	TOLUENE-D8	B2242-7260	96.0 %	(89 - 113)	



Environmental Testing Laboratories, Inc.

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

12/27/2006

STARS Volatile Compounds by SW 846 8260

Sample: 0612385-3

Client Sample ID: OTC-1-121806

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 12/21/2006

Type: Composite

Collected: 12/18/2006 09:30

% Solid: 89.5%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
1634-04-4	MTBE	B 2242-7261	2.80	2.80	ug/Kg	U
71-43-2	Benzene	B 2242-7261	2.80	2.80	ug/Kg	U
108-88-3	Toluene	B 2242-7261	2.12	2.12	ug/Kg	U
100-41-4	Ethylbenzene	B 2242-7261	2.40	2.40	ug/Kg	U
108-38-3	m,p-xylene	B 2242-7261	5.59	5.59	ug/Kg	U
95-47-6	o-xylene	B 2242-7261	4.19	4.19	ug/Kg	U
1330-20-7	Xylenes(Total)	B 2242-7261	4.92	4.92	ug/Kg	U
98-82-8	Isopropylbenzene	B 2242-7261	3.52	3.52	ug/Kg	U
103-65-1	n-Propylbenzene	B 2242-7261	4.02	4.02	ug/Kg	U
108-67-8	1,3,5-Trimethylbenzene	B 2242-7261	4.58	64.7	ug/Kg	
98-06-6	tert-Butylbenzene	B 2242-7261	5.37	7.29	ug/Kg	Y
95-63-6	1,2,4-Trimethylbenzene	B 2242-7261	5.25	5.25	ug/Kg	U
135-98-8	sec-Butylbenzene	B 2242-7261	4.64	4.64	ug/Kg	U
99-87-6	p-Isopropyltoluene	B 2242-7261	4.42	17.9	ug/Kg	Y
104-51-8	n-Butylbenzene	B 2242-7261	4.98	4.98	ug/Kg	U
91-20-3	Naphthalene	B 2242-7261	6.82	6.82	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	B2242-7261	92.6 %	(80 - 110)	
4774-33-8	DIBROMOFLUOROMETHANE	B2242-7261	96.4 %	(68 - 156)	
2037-26-5	TOLUENE-D8	B2242-7261	94.5 %	(89 - 113)	



Environmental Testing Laboratories, Inc.

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

12/27/2006

STARS Volatile Compounds by SW 846 8260

Sample: 0612385-4

Client Sample ID: OTC-2-121806

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 12/21/2006

Type: Composite

Collected: 12/18/2006 10:40

% Solid: 92.2%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
1634-04-4	MTBE	B 2242-7262	2.71	2.71	ug/Kg	U
71-43-2	Benzene	B 2242-7262	2.71	2.71	ug/Kg	U
108-88-3	Toluene	B 2242-7262	2.06	2.06	ug/Kg	U
100-41-4	Ethylbenzene	B 2242-7262	2.33	2.33	ug/Kg	U
108-38-3	m,p-xylene	B 2242-7262	5.42	5.42	ug/Kg	U
95-47-6	o-xylene	B 2242-7262	4.07	4.07	ug/Kg	U
1330-20-7	Xylenes(Total)	B 2242-7262	4.77	4.77	ug/Kg	U
98-82-8	Isopropylbenzene	B 2242-7262	3.41	3.41	ug/Kg	U
103-65-1	n-Propylbenzene	B 2242-7262	3.90	3.90	ug/Kg	U
108-67-8	1,3,5-Trimethylbenzene	B 2242-7262	4.44	4.44	ug/Kg	U
98-06-6	tert-Butylbenzene	B 2242-7262	5.20	5.20	ug/Kg	U
95-63-6	1,2,4-Trimethylbenzene	B 2242-7262	5.09	5.09	ug/Kg	U
135-98-8	sec-Butylbenzene	B 2242-7262	4.50	4.50	ug/Kg	U
99-87-6	p-Isopropyltoluene	B 2242-7262	4.28	4.28	ug/Kg	U
104-51-8	n-Butylbenzene	B 2242-7262	4.82	4.82	ug/Kg	U
91-20-3	Naphthalene	B 2242-7262	6.61	6.61	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	B2242-7262	95.0 %	(80 - 110)	
4774-33-8	DIBROMOFLUOROMETHANE	B2242-7262	98.8 %	(68 - 156)	
2037-26-5	TOLUENE-D8	B2242-7262	95.1 %	(89 - 113)	



Environmental Testing Laboratories, Inc.

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

12/27/2006

STARS Volatile Compounds by SW 846 8260

Sample: 0612385-5

Client Sample ID: OTC-3B-121806

Matrix: Soil

Type: Composite

Collected: 12/18/2006 11:00

% Solid: 87.5%

Remarks: See Case Narrative

Analyzed Date: 12/21/2006

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
1634-04-4	MTBE	B 2242-7263	2.86	2.86	ug/Kg	U
71-43-2	Benzene	B 2242-7263	2.86	2.86	ug/Kg	U
108-88-3	Toluene	B 2242-7263	2.17	2.17	ug/Kg	U
100-41-4	Ethylbenzene	B 2242-7263	2.46	2.46	ug/Kg	U
108-38-3	m,p-xylene	B 2242-7263	5.71	5.71	ug/Kg	U
95-47-6	o-xylene	B 2242-7263	4.28	4.28	ug/Kg	U
1330-20-7	Xylenes(Total)	B 2242-7263	5.02	5.02	ug/Kg	U
98-82-8	Isopropylbenzene	B 2242-7263	3.60	3.60	ug/Kg	U
103-65-1	n-Propylbenzene	B 2242-7263	4.11	4.11	ug/Kg	U
108-67-8	1,3,5-Trimethylbenzene	B 2242-7263	4.68	4.68	ug/Kg	U
98-06-6	tert-Butylbenzene	B 2242-7263	5.48	5.48	ug/Kg	U
95-63-6	1,2,4-Trimethylbenzene	B 2242-7263	5.37	5.37	ug/Kg	U
135-98-8	sec-Butylbenzene	B 2242-7263	4.74	4.74	ug/Kg	U
99-87-6	p-Isopropyltoluene	B 2242-7263	4.51	4.51	ug/Kg	U
104-51-8	n-Butylbenzene	B 2242-7263	5.08	5.08	ug/Kg	U
91-20-3	Naphthalene	B 2242-7263	6.97	6.97	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	B2242-7263	92.2 %	(80 - 110)	
4774-33-8	DIBROMOFLUOROMETHANE	B2242-7263	97.7 %	(68 - 156)	
2037-26-5	TOLUENE-D8	B2242-7263	94.8 %	(89 - 113)	



Environmental Testing Laboratories, Inc.

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

12/27/2006

STARS Volatile Compounds by SW 846 8260

Sample: 0612385-6

Client Sample ID: OTC-5-121806

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 12/21/2006

Type: Composite

Collected: 12/18/2006 10:30

% Solid: 90%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
1634-04-4	MTBE	B 2243-7281	2.78	2.78	ug/Kg	U
71-43-2	Benzene	B 2243-7281	2.78	2.78	ug/Kg	U
108-88-3	Toluene	B 2243-7281	2.11	2.11	ug/Kg	U
100-41-4	Ethylbenzene	B 2243-7281	2.39	2.39	ug/Kg	U
108-38-3	m,p-xylene	B 2243-7281	5.56	5.56	ug/Kg	U
95-47-6	o-xylene	B 2243-7281	4.17	4.17	ug/Kg	U
1330-20-7	Xylenes(Total)	B 2243-7281	4.89	4.89	ug/Kg	U
98-82-8	Isopropylbenzene	B 2243-7281	3.50	3.50	ug/Kg	U
103-65-1	n-Propylbenzene	B 2243-7281	4.00	4.00	ug/Kg	U
108-67-8	1,3,5-Trimethylbenzene	B 2243-7281	4.56	4.56	ug/Kg	U
98-06-6	tert-Butylbenzene	B 2243-7281	5.34	5.34	ug/Kg	U
95-63-6	1,2,4-Trimethylbenzene	B 2243-7281	5.23	13.0	ug/Kg	Y
135-98-8	sec-Butylbenzene	B 2243-7281	4.61	4.61	ug/Kg	U
99-87-6	p-Isopropyltoluene	B 2243-7281	4.39	21.3	ug/Kg	Y
104-51-8	n-Butylbenzene	B 2243-7281	4.95	4.95	ug/Kg	U
91-20-3	Naphthalene	B 2243-7281	6.78	6.78	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	B2243-7281	96.2 %	(80 - 110)	
4774-33-8	DIBROMOFLUOROMETHANE	B2243-7281	93.1 %	(68 - 156)	
2037-26-5	TOLUENE-D8	B2243-7281	96.7 %	(89 - 113)	



Environmental Testing Laboratories, Inc.

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

12/27/2006

STARS Volatile Compounds by SW 846 8260

Sample: 0612385-7

Client Sample ID: OTC-3A-121806

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 12/21/2006

Type: Composite

Collected: 12/18/2006 11:10

% Solid: 89.6%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
1634-04-4	MTBE	B 2243-7282	2.79	2.79	ug/Kg	U
71-43-2	Benzene	B 2243-7282	2.79	2.79	ug/Kg	U
108-88-3	Toluene	B 2243-7282	2.12	2.12	ug/Kg	U
100-41-4	Ethylbenzene	B 2243-7282	2.40	2.40	ug/Kg	U
108-38-3	m,p-xylene	B 2243-7282	5.58	5.58	ug/Kg	U
95-47-6	o-xylene	B 2243-7282	4.18	4.18	ug/Kg	U
1330-20-7	Xylenes(Total)	B 2243-7282	4.91	4.91	ug/Kg	U
98-82-8	Isopropylbenzene	B 2243-7282	3.52	3.52	ug/Kg	U
103-65-1	n-Propylbenzene	B 2243-7282	4.02	4.02	ug/Kg	U
108-67-8	1,3,5-Trimethylbenzene	B 2243-7282	4.58	4.58	ug/Kg	U
98-06-6	tert-Butylbenzene	B 2243-7282	5.36	5.36	ug/Kg	U
95-63-6	1,2,4-Trimethylbenzene	B 2243-7282	5.25	5.25	ug/Kg	U
135-98-8	sec-Butylbenzene	B 2243-7282	4.63	4.63	ug/Kg	U
99-87-6	p-Isopropyltoluene	B 2243-7282	4.41	4.41	ug/Kg	U
104-51-8	n-Butylbenzene	B 2243-7282	4.97	4.97	ug/Kg	U
91-20-3	Naphthalene	B 2243-7282	6.81	6.81	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	B2243-7282	96.6 %	(80 - 110)	
4774-33-8	DIBROMOFLUOROMETHANE	B2243-7282	99.0 %	(68 - 156)	
2037-26-5	TOLUENE-D8	B2243-7282	96.8 %	(89 - 113)	



Environmental Testing Laboratories, Inc.

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

12/27/2006

STARS Volatile Compounds by SW 846 8260

Sample: 0612385-8

Client Sample ID: OTC-4-121806

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 12/22/2006

Type: Composite

Collected: 12/18/2006 11:20

% Solid: 85%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
1634-04-4	MTBE	B 2243-7283	2.94	2.94	ug/Kg	U
71-43-2	Benzene	B 2243-7283	2.94	2.94	ug/Kg	U
108-88-3	Toluene	B 2243-7283	2.23	2.23	ug/Kg	U
100-41-4	Ethylbenzene	B 2243-7283	2.53	2.53	ug/Kg	U
108-38-3	m,p-xylene	B 2243-7283	5.88	5.88	ug/Kg	U
95-47-6	o-xylene	B 2243-7283	4.41	4.41	ug/Kg	U
1330-20-7	Xylenes(Total)	B 2243-7283	5.17	5.17	ug/Kg	U
98-82-8	Isopropylbenzene	B 2243-7283	3.70	3.70	ug/Kg	U
103-65-1	n-Propylbenzene	B 2243-7283	4.23	4.23	ug/Kg	U
108-67-8	1,3,5-Trimethylbenzene	B 2243-7283	4.82	8.21	ug/Kg	Y
98-06-6	tert-Butylbenzene	B 2243-7283	5.64	5.64	ug/Kg	U
95-63-6	1,2,4-Trimethylbenzene	B 2243-7283	5.53	5.53	ug/Kg	U
135-98-8	sec-Butylbenzene	B 2243-7283	4.88	4.88	ug/Kg	U
99-87-6	p-Isopropyltoluene	B 2243-7283	4.65	9.27	ug/Kg	Y
104-51-8	n-Butylbenzene	B 2243-7283	5.23	5.23	ug/Kg	U
91-20-3	Naphthalene	B 2243-7283	7.17	7.17	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	B2243-7283	94.0 %	(80 - 110)	
4774-33-8	DIBROMOFLUOROMETHANE	B2243-7283	97.6 %	(68 - 156)	
2037-26-5	TOLUENE-D8	B2243-7283	94.6 %	(89 - 113)	



Environmental Testing Laboratories, Inc.

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

12/27/2006

STARS Volatile Compounds by SW 846 8260

Sample: 0612385-9

Client Sample ID: RS-1,7,8-Preshake

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 12/22/2006

Type: Composite

Collected: 12/18/2006 11:30

% Solid: 90.8%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
1634-04-4	MTBE	B 2243-7284	2.76	2.76	ug/Kg	U
71-43-2	Benzene	B 2243-7284	2.76	2.76	ug/Kg	U
108-88-3	Toluene	B 2243-7284	2.09	2.09	ug/Kg	U
100-41-4	Ethylbenzene	B 2243-7284	2.37	2.37	ug/Kg	U
108-38-3	m,p-xylene	B 2243-7284	5.51	5.51	ug/Kg	U
95-47-6	o-xylene	B 2243-7284	4.13	4.13	ug/Kg	U
1330-20-7	Xylenes(Total)	B 2243-7284	4.85	4.85	ug/Kg	U
98-82-8	Isopropylbenzene	B 2243-7284	3.47	3.47	ug/Kg	U
103-65-1	n-Propylbenzene	B 2243-7284	3.97	3.97	ug/Kg	U
108-67-8	1,3,5-Trimethylbenzene	B 2243-7284	4.52	18.3	ug/Kg	Y
98-06-6	tert-Butylbenzene	B 2243-7284	5.29	8.09	ug/Kg	Y
95-63-6	1,2,4-Trimethylbenzene	B 2243-7284	5.18	7.17	ug/Kg	Y
135-98-8	sec-Butylbenzene	B 2243-7284	4.57	4.57	ug/Kg	U
99-87-6	p-Isopropyltoluene	B 2243-7284	4.35	24.2	ug/Kg	Y
104-51-8	n-Butylbenzene	B 2243-7284	4.90	4.90	ug/Kg	U
91-20-3	Naphthalene	B 2243-7284	6.72	6.72	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	B2243-7284	95.3 %	(80 - 110)	
4774-33-8	DIBROMOFLUOROMETHANE	B2243-7284	99.4 %	(68 - 156)	
2037-26-5	TOLUENE-D8	B2243-7284	94.9 %	(89 - 113)	



Environmental Testing Laboratories, Inc.

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

12/27/2006

STARS Volatile Compounds by SW 846 8260

Sample: 0612385-10

Client Sample ID: RS-1,7,8-Postshake

Matrix: Soil

Type: Composite

Collected: 12/18/2006 11:30

% Solid: 90.7%

Remarks: See Case Narrative

Analyzed Date: 12/21/2006

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
1634-04-4	MTBE	B 2243-7272	1.11	1.11	ug/Kg	U
71-43-2	Benzene	B 2243-7272	1.11	1.11	ug/Kg	U
108-88-3	Toluene	B 2243-7272	0.84	0.84	ug/Kg	U
100-41-4	Ethylbenzene	B 2243-7272	0.95	0.95	ug/Kg	U
108-38-3	m,p-xylene	B 2243-7272	2.21	2.21	ug/Kg	U
95-47-6	o-xylene	B 2243-7272	1.66	1.66	ug/Kg	U
1330-20-7	Xylenes(Total)	B 2243-7272	1.94	1.94	ug/Kg	U
98-82-8	Isopropylbenzene	B 2243-7272	1.39	1.39	ug/Kg	U
103-65-1	n-Propylbenzene	B 2243-7272	1.59	1.59	ug/Kg	U
108-67-8	1,3,5-Trimethylbenzene	B 2243-7272	1.81	1.81	ug/Kg	U
98-06-6	tert-Butylbenzene	B 2243-7272	2.12	2.12	ug/Kg	U
95-63-6	1,2,4-Trimethylbenzene	B 2243-7272	2.08	2.08	ug/Kg	U
135-98-8	sec-Butylbenzene	B 2243-7272	1.83	1.83	ug/Kg	U
99-87-6	p-Isopropyltoluene	B 2243-7272	1.75	1.75	ug/Kg	U
104-51-8	n-Butylbenzene	B 2243-7272	1.97	1.97	ug/Kg	U
91-20-3	Naphthalene	B 2243-7272	2.70	2.70	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	B2243-7272	99.9 %	(80 - 110)	
4774-33-8	DIBROMOFLUOROMETHANE	B2243-7272	99.4 %	(68 - 156)	
2037-26-5	TOLUENE-D8	B2243-7272	97.6 %	(89 - 113)	



Environmental Testing Laboratories, Inc.

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

12/27/2006

STARS Volatile Compounds by SW 846 8260

Sample: 0612385-11

Client Sample ID: OTC-6-121806

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 12/22/2006

Type: Composite

Collected: 12/18/2006 14:00

% Solid: 85.1%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
1634-04-4	MTBE	B 2243-7285	2.94	2.94	ug/Kg	U
71-43-2	Benzene	B 2243-7285	2.94	2.94	ug/Kg	U
108-88-3	Toluene	B 2243-7285	2.23	2.23	ug/Kg	U
100-41-4	Ethylbenzene	B 2243-7285	2.53	2.53	ug/Kg	U
108-38-3	m,p-xylene	B 2243-7285	5.88	5.88	ug/Kg	U
95-47-6	o-xylene	B 2243-7285	4.41	4.41	ug/Kg	U
1330-20-7	Xylenes(Total)	B 2243-7285	5.17	5.17	ug/Kg	U
98-82-8	Isopropylbenzene	B 2243-7285	3.70	3.70	ug/Kg	U
103-65-1	n-Propylbenzene	B 2243-7285	4.23	4.23	ug/Kg	U
108-67-8	1,3,5-Trimethylbenzene	B 2243-7285	4.82	4.82	ug/Kg	U
98-06-6	tert-Butylbenzene	B 2243-7285	5.64	5.64	ug/Kg	U
95-63-6	1,2,4-Trimethylbenzene	B 2243-7285	5.53	5.53	ug/Kg	U
135-98-8	sec-Butylbenzene	B 2243-7285	4.88	4.88	ug/Kg	U
99-87-6	p-Isopropyltoluene	B 2243-7285	4.65	8.39	ug/Kg	Y
104-51-8	n-Butylbenzene	B 2243-7285	5.23	5.23	ug/Kg	U
91-20-3	Naphthalene	B 2243-7285	7.17	7.17	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	B2243-7285	95.3 %	(80 - 110)	
4774-33-8	DIBROMOFLUOROMETHANE	B2243-7285	98.8 %	(68 - 156)	
2037-26-5	TOLUENE-D8	B2243-7285	96.2 %	(89 - 113)	



Environmental Testing Laboratories, Inc.

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

12/27/2006

STARS Volatile Compounds by SW 846 8260

Sample: 0612385-12

Client Sample ID: OTC-7-121806

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 12/22/2006

Type: Composite

Collected: 12/18/2006 15:00

% Solid: 85.3%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
1634-04-4	MTBE	B 2243-7286	2.93	2.93	ug/Kg	U
71-43-2	Benzene	B 2243-7286	2.93	2.93	ug/Kg	U
108-88-3	Toluene	B 2243-7286	2.23	2.23	ug/Kg	U
100-41-4	Ethylbenzene	B 2243-7286	2.52	2.52	ug/Kg	U
108-38-3	m,p-xylene	B 2243-7286	5.86	5.86	ug/Kg	U
95-47-6	o-xylene	B 2243-7286	4.39	4.39	ug/Kg	U
1330-20-7	Xylenes(Total)	B 2243-7286	5.16	5.16	ug/Kg	U
98-82-8	Isopropylbenzene	B 2243-7286	3.69	3.69	ug/Kg	U
103-65-1	n-Propylbenzene	B 2243-7286	4.22	4.22	ug/Kg	U
108-67-8	1,3,5-Trimethylbenzene	B 2243-7286	4.81	7.07	ug/Kg	Y
98-06-6	tert-Butylbenzene	B 2243-7286	5.63	5.63	ug/Kg	U
95-63-6	1,2,4-Trimethylbenzene	B 2243-7286	5.51	5.51	ug/Kg	U
135-98-8	sec-Butylbenzene	B 2243-7286	4.86	4.86	ug/Kg	U
99-87-6	p-Isopropyltoluene	B 2243-7286	4.63	8.76	ug/Kg	Y
104-51-8	n-Butylbenzene	B 2243-7286	5.22	5.22	ug/Kg	U
91-20-3	Naphthalene	B 2243-7286	7.15	7.15	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	B2243-7286	96.7 %	(80 - 110)	
4774-33-8	DIBROMOFLUOROMETHANE	B2243-7286	98.0 %	(68 - 156)	
2037-26-5	TOLUENE-D8	B2243-7286	95.0 %	(89 - 113)	



Environmental Testing Laboratories, Inc.

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

12/27/2006

STARS Semivolatiles by SW846 8270C

Sample: 0612385-1

Client Sample ID: SF-121806

Matrix: Soil

Remarks:

Analyzed Date: 12/21/2006

Preparation Date(s) : 12/21/2006

Type: Composite

Collected: 12/18/2006 09:00

% Solid: 93.2%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
91-20-3	Naphthalene	C 1733-2353	36.4	183	ug/Kg	Y
83-32-9	Acenaphthene	C 1733-2353	27.8	231	ug/Kg	Y
86-73-7	Fluorene	C 1733-2353	23.5	365	ug/Kg	Y
85-01-8	Phenanthrene	C 1733-2353	28.9	2130	ug/Kg	
120-12-7	Anthracene	C 1733-2353	25.7	930	ug/Kg	
206-44-0	Fluoranthene	C 1733-2353	21.4	4550	ug/Kg	
129-00-0	Pyrene	C 1733-2353	21.4	4950	ug/Kg	
56-55-3	Benzo(a)anthracene	C 1733-2353	15.0	2230	ug/Kg	
218-01-9	Chrysene	C 1733-2353	23.5	2220	ug/Kg	
205-99-2	Benzo(b)fluoranthene	C 1733-2353	13.9	2030	ug/Kg	
207-08-9	Benzo(k)fluoranthene	C 1733-2353	47.1	2110	ug/Kg	
50-32-8	Benzo(a)pyrene	C 1733-2353	20.3	2220	ug/Kg	
193-39-5	Indeno(1,2,3-cd)pyrene	C 1733-2353	22.5	743	ug/Kg	
53-70-3	Dibenzo(a,h)anthracene	C 1733-2353	18.2	61.3	ug/Kg	Y
191-24-2	Benzo(g,h,i)perylene	C 1733-2353	18.2	745	ug/Kg	
208-96-8	Acenaphthylene	C 1733-2353	25.7	25.7	ug/Kg	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	C1733-2353	61.9 %	(30 - 115)	
4165-60-0	NITROBENZENE-D5	C1733-2353	60.2 %	(23 - 120)	
1718-51-0	TERPHENYL-D14	C1733-2353	79.2 %	(18 - 137)	



Environmental Testing Laboratories, Inc.

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

12/27/2006

STARS Semivolatiles by SW846 8270C

Sample: 0612385-2

Client Sample ID: BID-121806

Matrix: Soil

Remarks:

Analyzed Date: 12/21/2006

Preparation Date(s) : 12/21/2006

Type: Composite

Collected: 12/18/2006 09:15

% Solid: 90.3%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
91-20-3	Naphthalene	C 1733-2354	37.7	37.7	ug/Kg	U
83-32-9	Acenaphthene	C 1733-2354	28.9	204	ug/Kg	Y
86-73-7	Fluorene	C 1733-2354	24.4	240	ug/Kg	Y
85-01-8	Phenanthrene	C 1733-2354	30.0	561	ug/Kg	
120-12-7	Anthracene	C 1733-2354	26.6	362	ug/Kg	Y
206-44-0	Fluoranthene	C 1733-2354	22.2	1440	ug/Kg	
129-00-0	Pyrene	C 1733-2354	22.2	1830	ug/Kg	
56-55-3	Benzo(a)anthracene	C 1733-2354	15.5	632	ug/Kg	
218-01-9	Chrysene	C 1733-2354	24.4	714	ug/Kg	
205-99-2	Benzo(b)fluoranthene	C 1733-2354	14.4	631	ug/Kg	
207-08-9	Benzo(k)fluoranthene	C 1733-2354	48.8	582	ug/Kg	
50-32-8	Benzo(a)pyrene	C 1733-2354	21.1	720	ug/Kg	
193-39-5	Indeno(1,2,3-cd)pyrene	C 1733-2354	23.3	289	ug/Kg	Y
53-70-3	Dibenzo(a,h)anthracene	C 1733-2354	18.9	95.3	ug/Kg	Y
191-24-2	Benzo(g,h,i)perylene	C 1733-2354	18.9	306	ug/Kg	Y
208-96-8	Acenaphthylene	C 1733-2354	26.6	26.6	ug/Kg	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	C1733-2354	66.4 %	(30 - 115)	
4165-60-0	NITROBENZENE-D5	C1733-2354	66.3 %	(23 - 120)	
1718-51-0	TERPHENYL-D14	C1733-2354	85.5 %	(18 - 137)	



Environmental Testing Laboratories, Inc.

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

12/27/2006

STARS Semivolatiles by SW846 8270C

Sample: 0612385-3

Client Sample ID: OTC-1-121806

Matrix: Soil

Remarks:

Analyzed Date: 12/21/2006

Preparation Date(s) : 12/21/2006

Type: Composite

Collected: 12/18/2006 09:30

% Solid: 89.5%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
91-20-3	Naphthalene	C 1733-2355	38.1	38.1	ug/Kg	U
83-32-9	Acenaphthene	C 1733-2355	29.1	593	ug/Kg	
86-73-7	Fluorene	C 1733-2355	24.6	654	ug/Kg	
85-01-8	Phenanthrene	C 1733-2355	30.2	1010	ug/Kg	
120-12-7	Anthracene	C 1733-2355	26.9	307	ug/Kg	Y
206-44-0	Fluoranthene	C 1733-2355	22.4	1100	ug/Kg	
129-00-0	Pyrene	C 1733-2355	22.4	1010	ug/Kg	
56-55-3	Benzo(a)anthracene	C 1733-2355	15.7	313	ug/Kg	Y
218-01-9	Chrysene	C 1733-2355	24.6	444	ug/Kg	Y
205-99-2	Benzo(b)fluoranthene	C 1733-2355	14.6	385	ug/Kg	Y
207-08-9	Benzo(k)fluoranthene	C 1733-2355	49.3	320	ug/Kg	Y
50-32-8	Benzo(a)pyrene	C 1733-2355	21.3	296	ug/Kg	Y
193-39-5	Indeno(1,2,3-cd)pyrene	C 1733-2355	23.5	126	ug/Kg	Y
53-70-3	Dibenzo(a,h)anthracene	C 1733-2355	19.0	51.2	ug/Kg	Y
191-24-2	Benzo(g,h,i)perylene	C 1733-2355	19.0	121	ug/Kg	Y
208-96-8	Acenaphthylene	C 1733-2355	26.9	26.9	ug/Kg	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	C1733-2355	67.1 %	(30 - 115)	
4165-60-0	NITROBENZENE-D5	C1733-2355	64.9 %	(23 - 120)	
1718-51-0	TERPHENYL-D14	C1733-2355	75.2 %	(18 - 137)	



Environmental Testing Laboratories, Inc.

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

12/27/2006

STARS Semivolatiles by SW846 8270C

Sample: 0612385-4

Client Sample ID: OTC-2-121806

Matrix: Soil

Remarks:

Analyzed Date: 12/21/2006

Preparation Date(s) : 12/21/2006

Type: Composite

Collected: 12/18/2006 10:40

% Solid: 92.2%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
91-20-3	Naphthalene	C 1733-2356	36.7	36.7	ug/Kg	U
83-32-9	Acenaphthene	C 1733-2356	28.1	28.1	ug/Kg	U
86-73-7	Fluorene	C 1733-2356	23.8	23.8	ug/Kg	U
85-01-8	Phenanthrene	C 1733-2356	29.2	29.2	ug/Kg	U
120-12-7	Anthracene	C 1733-2356	25.9	25.9	ug/Kg	U
206-44-0	Fluoranthene	C 1733-2356	21.6	452	ug/Kg	Y
129-00-0	Pyrene	C 1733-2356	21.6	632	ug/Kg	
56-55-3	Benzo(a)anthracene	C 1733-2356	15.1	211	ug/Kg	Y
218-01-9	Chrysene	C 1733-2356	23.8	263	ug/Kg	Y
205-99-2	Benzo(b)fluoranthene	C 1733-2356	14.0	255	ug/Kg	Y
207-08-9	Benzo(k)fluoranthene	C 1733-2356	47.5	245	ug/Kg	Y
50-32-8	Benzo(a)pyrene	C 1733-2356	20.5	252	ug/Kg	Y
193-39-5	Indeno(1,2,3-cd)pyrene	C 1733-2356	22.7	109	ug/Kg	Y
53-70-3	Dibenzo(a,h)anthracene	C 1733-2356	18.4	53.1	ug/Kg	Y
191-24-2	Benzo(g,h,i)perylene	C 1733-2356	18.4	116	ug/Kg	Y
208-96-8	Acenaphthylene	C 1733-2356	25.9	25.9	ug/Kg	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	C1733-2356	69.8 %	(30 - 115)	
4165-60-0	NITROBENZENE-D5	C1733-2356	73.2 %	(23 - 120)	
1718-51-0	TERPHENYL-D14	C1733-2356	82.3 %	(18 - 137)	



Environmental Testing Laboratories, Inc.

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

12/27/2006

STARS Semivolatiles by SW846 8270C

Sample: 0612385-5

Client Sample ID: OTC-3B-121806

Matrix: Soil

Type: Composite

Collected: 12/18/2006 11:00

% Solid: 87.5%

Remarks:

Analyzed Date: 12/21/2006

Preparation Date(s) : 12/21/2006

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
91-20-3	Naphthalene	C 1733-2357	38.8	38.8	ug/Kg	U
83-32-9	Acenaphthene	C 1733-2357	29.6	236	ug/Kg	Y
86-73-7	Fluorene	C 1733-2357	25.1	25.1	ug/Kg	U
85-01-8	Phenanthrene	C 1733-2357	30.8	510	ug/Kg	Y
120-12-7	Anthracene	C 1733-2357	27.4	27.4	ug/Kg	U
206-44-0	Fluoranthene	C 1733-2357	22.8	177	ug/Kg	Y
129-00-0	Pyrene	C 1733-2357	22.8	439	ug/Kg	Y
56-55-3	Benzo(a)anthracene	C 1733-2357	16.0	88.9	ug/Kg	Y
218-01-9	Chrysene	C 1733-2357	25.1	135	ug/Kg	Y
205-99-2	Benzo(b)fluoranthene	C 1733-2357	14.8	85.8	ug/Kg	Y
207-08-9	Benzo(k)fluoranthene	C 1733-2357	50.2	71.4	ug/Kg	Y
50-32-8	Benzo(a)pyrene	C 1733-2357	21.7	84.6	ug/Kg	Y
193-39-5	Indeno(1,2,3-cd)pyrene	C 1733-2357	23.9	40.6	ug/Kg	Y
53-70-3	Dibenzo(a,h)anthracene	C 1733-2357	19.4	19.4	ug/Kg	U
191-24-2	Benzo(g,h,i)perylene	C 1733-2357	19.4	51.2	ug/Kg	Y
208-96-8	Acenaphthylene	C 1733-2357	27.4	27.4	ug/Kg	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	C1733-2357	61.7 %	(30 - 115)	
4165-60-0	NITROBENZENE-D5	C1733-2357	56.9 %	(23 - 120)	
1718-51-0	TERPHENYL-D14	C1733-2357	74.3 %	(18 - 137)	



Environmental Testing Laboratories, Inc.

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

12/27/2006

STARS Semivolatiles by SW846 8270C

Sample: 0612385-6

Client Sample ID: OTC-5-121806

Matrix: Soil

Remarks:

Analyzed Date: 12/21/2006

Preparation Date(s) : 12/21/2006

Type: Composite

Collected: 12/18/2006 10:30

% Solid: 90%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
91-20-3	Naphthalene	C1733-2358	37.7	37.7	ug/Kg	U
83-32-9	Acenaphthene	C1733-2358	28.9	824	ug/Kg	
86-73-7	Fluorene	C1733-2358	24.4	24.4	ug/Kg	U
85-01-8	Phenanthrene	C1733-2358	30.0	1520	ug/Kg	
120-12-7	Anthracene	C1733-2358	26.6	26.6	ug/Kg	U
206-44-0	Fluoranthene	C1733-2358	22.2	1020	ug/Kg	
129-00-0	Pyrene	C1733-2358	22.2	1750	ug/Kg	
56-55-3	Benzo(a)anthracene	C1733-2358	15.5	428	ug/Kg	Y
218-01-9	Chrysene	C1733-2358	24.4	486	ug/Kg	Y
205-99-2	Benzo(b)fluoranthene	C1733-2358	14.4	436	ug/Kg	Y
207-08-9	Benzo(k)fluoranthene	C1733-2358	48.8	379	ug/Kg	Y
50-32-8	Benzo(a)pyrene	C1733-2358	21.1	432	ug/Kg	Y
193-39-5	Indeno(1,2,3-cd)pyrene	C1733-2358	23.3	185	ug/Kg	Y
53-70-3	Dibenzo(a,h)anthracene	C1733-2358	18.9	18.9	ug/Kg	U
191-24-2	Benzo(g,h,i)perylene	C1733-2358	18.9	195	ug/Kg	Y
208-96-8	Acenaphthylene	C1733-2358	26.6	26.6	ug/Kg	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	C1733-2358	66.6 %	(30 - 115)	
4165-60-0	NITROBENZENE-D5	C1733-2358	68.2 %	(23 - 120)	
1718-51-0	TERPHENYL-D14	C1733-2358	78.7 %	(18 - 137)	



Environmental Testing Laboratories, Inc.

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

12/27/2006

STARS Semivolatiles by SW846 8270C

Sample: 0612385-7

Client Sample ID: OTC-3A-121806

Matrix: Soil

Remarks:

Analyzed Date: 12/21/2006

Preparation Date(s) : 12/21/2006

Type: Composite

Collected: 12/18/2006 11:10

% Solid: 89.6%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
91-20-3	Naphthalene	C 1733-2359	38.1	38.1	ug/Kg	U
83-32-9	Acenaphthene	C 1733-2359	29.1	29.1	ug/Kg	U
86-73-7	Fluorene	C 1733-2359	24.6	24.6	ug/Kg	U
85-01-8	Phenanthrene	C 1733-2359	30.2	567	ug/Kg	
120-12-7	Anthracene	C 1733-2359	26.9	26.9	ug/Kg	U
206-44-0	Fluoranthene	C 1733-2359	22.4	759	ug/Kg	
129-00-0	Pyrene	C 1733-2359	22.4	998	ug/Kg	
56-55-3	Benzo(a)anthracene	C 1733-2359	15.7	376	ug/Kg	Y
218-01-9	Chrysene	C 1733-2359	24.6	402	ug/Kg	Y
205-99-2	Benzo(b)fluoranthene	C 1733-2359	14.6	382	ug/Kg	Y
207-08-9	Benzo(k)fluoranthene	C 1733-2359	49.3	358	ug/Kg	Y
50-32-8	Benzo(a)pyrene	C 1733-2359	21.3	379	ug/Kg	Y
193-39-5	Indeno(1,2,3-cd)pyrene	C 1733-2359	23.5	147	ug/Kg	Y
53-70-3	Dibenzo(a,h)anthracene	C 1733-2359	19.0	19.0	ug/Kg	U
191-24-2	Benzo(g,h,i)perylene	C 1733-2359	19.0	146	ug/Kg	Y
208-96-8	Acenaphthylene	C 1733-2359	26.9	26.9	ug/Kg	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	C1733-2359	66.1 %	(30 - 115)	
4165-60-0	NITROBENZENE-D5	C1733-2359	68.2 %	(23 - 120)	
1718-51-0	TERPHENYL-D14	C1733-2359	81.6 %	(18 - 137)	



Environmental Testing Laboratories, Inc.

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

12/27/2006

STARS Semivolatiles by SW846 8270C

Sample: 0612385-8

Client Sample ID: OTC-4-121806

Matrix: Soil

Remarks:

Analyzed Date: 12/21/2006

Preparation Date(s) : 12/21/2006

Type: Composite

Collected: 12/18/2006 11:20

% Solid: 85%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
91-20-3	Naphthalene	C 1733-2360	40.1	40.1	ug/Kg	U
83-32-9	Acenaphthene	C 1733-2360	30.7	393	ug/Kg	Y
86-73-7	Fluorene	C 1733-2360	26.0	685	ug/Kg	
85-01-8	Phenanthrene	C 1733-2360	31.9	1480	ug/Kg	
120-12-7	Anthracene	C 1733-2360	28.3	317	ug/Kg	Y
206-44-0	Fluoranthene	C 1733-2360	23.6	942	ug/Kg	
129-00-0	Pyrene	C 1733-2360	23.6	1190	ug/Kg	
56-55-3	Benzo(a)anthracene	C 1733-2360	16.5	431	ug/Kg	Y
218-01-9	Chrysene	C 1733-2360	26.0	474	ug/Kg	Y
205-99-2	Benzo(b)fluoranthene	C 1733-2360	15.3	430	ug/Kg	Y
207-08-9	Benzo(k)fluoranthene	C 1733-2360	51.9	406	ug/Kg	Y
50-32-8	Benzo(a)pyrene	C 1733-2360	22.4	406	ug/Kg	Y
193-39-5	Indeno(1,2,3-cd)pyrene	C 1733-2360	24.8	165	ug/Kg	Y
53-70-3	Dibenzo(a,h)anthracene	C 1733-2360	20.1	66.6	ug/Kg	Y
191-24-2	Benzo(g,h,i)perylene	C 1733-2360	20.1	167	ug/Kg	Y
208-96-8	Acenaphthylene	C 1733-2360	28.3	28.3	ug/Kg	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	C1733-2360	57.6 %	(30 - 115)	
4165-60-0	NITROBENZENE-D5	C1733-2360	55.1 %	(23 - 120)	
1718-51-0	TERPHENYL-D14	C1733-2360	78.3 %	(18 - 137)	



Environmental Testing Laboratories, Inc.

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

12/27/2006

STARS Semivolatiles by SW846 8270C

Sample: 0612385-9

Client Sample ID: RS-1,7,8-Preshake

Matrix: Soil

Type: Composite

Collected: 12/18/2006 11:30

% Solid: 90.8%

Remarks:

Analyzed Date: 12/22/2006

Preparation Date(s) : 12/21/2006

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
91-20-3	Naphthalene	C1734-2368	37.4	220	ug/Kg	Y
83-32-9	Acenaphthene	C1734-2368	28.6	535	ug/Kg	Y
86-73-7	Fluorene	C1734-2368	24.2	768	ug/Kg	
85-01-8	Phenanthrene	C1734-2368	29.7	5180	ug/Kg	
120-12-7	Anthracene	C1734-2368	26.4	1710	ug/Kg	
206-44-0	Fluoranthene	C1734-2372	44.0	8340	ug/Kg	
129-00-0	Pyrene	C1734-2368	22.0	7590	ug/Kg	
56-55-3	Benzo(a)anthracene	C1734-2368	15.4	3580	ug/Kg	
218-01-9	Chrysene	C1734-2368	24.2	3540	ug/Kg	
205-99-2	Benzo(b)fluoranthene	C1734-2368	14.3	2860	ug/Kg	
207-08-9	Benzo(k)fluoranthene	C1734-2368	48.4	2740	ug/Kg	
50-32-8	Benzo(a)pyrene	C1734-2368	20.9	3530	ug/Kg	
193-39-5	Indeno(1,2,3-cd)pyrene	C1734-2368	23.1	1560	ug/Kg	
53-70-3	Dibenzo(a,h)anthracene	C1734-2368	18.7	551	ug/Kg	
191-24-2	Benzo(g,h,i)perylene	C1734-2368	18.7	1670	ug/Kg	
208-96-8	Acenaphthylene	C1734-2368	26.4	219	ug/Kg	Y

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
321-60-8	2-FLUOROBIPHENYL	C1734-2368	65.5 %	(30 - 115)	
4165-60-0	NITROBENZENE-D5	C1734-2368	60.9 %	(23 - 120)	
1718-51-0	TERPHENYL-D14	C1734-2368	70.9 %	(18 - 137)	



Environmental Testing Laboratories, Inc.

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

12/27/2006

STARS Semivolatiles by SW846 8270C

Sample: 0612385-10

Client Sample ID: RS-1,7,8-Postshake

Matrix: Soil

Type: Composite

Collected: 12/18/2006 11:30

% Solid: 90.7%

Remarks:

Analyzed Date: 12/22/2006

Preparation Date(s) : 12/21/2006

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
91-20-3	Naphthalene	C1734-2369	37.4	37.4	ug/Kg	U
83-32-9	Acenaphthene	C1734-2369	28.6	1790	ug/Kg	
86-73-7	Fluorene	C1734-2369	24.2	1870	ug/Kg	
85-01-8	Phenanthrene	C1734-2369	29.7	2990	ug/Kg	
120-12-7	Anthracene	C1734-2369	26.4	26.4	ug/Kg	U
206-44-0	Fluoranthene	C1734-2369	22.0	558	ug/Kg	
129-00-0	Pyrene	C1734-2369	22.0	1040	ug/Kg	
56-55-3	Benzo(a)anthracene	C1734-2369	15.4	153	ug/Kg	Y
218-01-9	Chrysene	C1734-2369	24.2	211	ug/Kg	Y
205-99-2	Benzo(b)fluoranthene	C1734-2369	14.3	121	ug/Kg	Y
207-08-9	Benzo(k)fluoranthene	C1734-2369	48.4	109	ug/Kg	Y
50-32-8	Benzo(a)pyrene	C1734-2369	20.9	137	ug/Kg	Y
193-39-5	Indeno(1,2,3-cd)pyrene	C1734-2369	23.1	67.7	ug/Kg	Y
53-70-3	Dibenzo(a,h)anthracene	C1734-2369	18.7	18.7	ug/Kg	U
191-24-2	Benzo(g,h,i)perylene	C1734-2369	18.7	99.8	ug/Kg	Y
208-96-8	Acenaphthylene	C1734-2369	26.4	26.4	ug/Kg	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	C1734-2369	75.5 %	(30 - 115)	
4165-60-0	NITROBENZENE-D5	C1734-2369	72.6 %	(23 - 120)	
1718-51-0	TERPHENYL-D14	C1734-2369	76.4 %	(18 - 137)	



Environmental Testing Laboratories, Inc.

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

12/27/2006

STARS Semivolatiles by SW846 8270C

Sample: 0612385-11

Client Sample ID: OTC-6-121806

Matrix: Soil

Remarks:

Analyzed Date: 12/22/2006

Preparation Date(s) : 12/21/2006

Type: Composite

Collected: 12/18/2006 14:00

% Solid: 85.1%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
91-20-3	Naphthalene	C1734-2370	40.1	40.1	ug/Kg	U
83-32-9	Acenaphthene	C1734-2370	30.7	536	ug/Kg	Y
86-73-7	Fluorene	C1734-2370	26.0	707	ug/Kg	
85-01-8	Phenanthrene	C1734-2370	31.9	2490	ug/Kg	
120-12-7	Anthracene	C1734-2370	28.3	766	ug/Kg	
206-44-0	Fluoranthene	C1734-2370	23.6	3040	ug/Kg	
129-00-0	Pyrene	C1734-2370	23.6	2850	ug/Kg	
56-55-3	Benzo(a)anthracene	C1734-2370	16.5	1160	ug/Kg	
218-01-9	Chrysene	C1734-2370	26.0	1210	ug/Kg	
205-99-2	Benzo(b)fluoranthene	C1734-2370	15.3	936	ug/Kg	
207-08-9	Benzo(k)fluoranthene	C1734-2370	51.9	859	ug/Kg	
50-32-8	Benzo(a)pyrene	C1734-2370	22.4	1040	ug/Kg	
193-39-5	Indeno(1,2,3-cd)pyrene	C1734-2370	24.8	466	ug/Kg	Y
53-70-3	Dibenzo(a,h)anthracene	C1734-2370	20.1	171	ug/Kg	Y
191-24-2	Benzo(g,h,i)perylene	C1734-2370	20.1	515	ug/Kg	Y
208-96-8	Acenaphthylene	C1734-2370	28.3	28.3	ug/Kg	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	C1734-2370	61.6 %	(30 - 115)	
4165-60-0	NITROBENZENE-D5	C1734-2370	57.1 %	(23 - 120)	
1718-51-0	TERPHENYL-D14	C1734-2370	72.5 %	(18 - 137)	



Environmental Testing Laboratories, Inc.

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

12/27/2006

STARS Semivolatiles by SW846 8270C

Sample: 0612385-12

Client Sample ID: OTC-7-121806

Matrix: Soil

Remarks:

Analyzed Date: 12/22/2006

Preparation Date(s) : 12/21/2006

Type: Composite

Collected: 12/18/2006 15:00

% Solid: 85.3%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
91-20-3	Naphthalene	C1734-2371	39.8	39.8	ug/Kg	U
83-32-9	Acenaphthene	C1734-2371	30.4	243	ug/Kg	Y
86-73-7	Fluorene	C1734-2371	25.7	340	ug/Kg	Y
85-01-8	Phenanthrene	C1734-2371	31.6	965	ug/Kg	
120-12-7	Anthracene	C1734-2371	28.1	333	ug/Kg	Y
206-44-0	Fluoranthene	C1734-2371	23.4	1510	ug/Kg	
129-00-0	Pyrene	C1734-2371	23.4	1520	ug/Kg	
56-55-3	Benzo(a)anthracene	C1734-2371	16.4	634	ug/Kg	
218-01-9	Chrysene	C1734-2371	25.7	687	ug/Kg	
205-99-2	Benzo(b)fluoranthene	C1734-2371	15.2	557	ug/Kg	Y
207-08-9	Benzo(k)fluoranthene	C1734-2371	51.5	557	ug/Kg	Y
50-32-8	Benzo(a)pyrene	C1734-2371	22.2	655	ug/Kg	
193-39-5	Indeno(1,2,3-cd)pyrene	C1734-2371	24.6	303	ug/Kg	Y
53-70-3	Dibenzo(a,h)anthracene	C1734-2371	19.9	92.2	ug/Kg	Y
191-24-2	Benzo(g,h,i)perylene	C1734-2371	19.9	317	ug/Kg	Y
208-96-8	Acenaphthylene	C1734-2371	28.1	28.1	ug/Kg	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	C1734-2371	68.7 %	(30 - 115)	
4165-60-0	NITROBENZENE-D5	C1734-2371	66.2 %	(23 - 120)	
1718-51-0	TERPHENYL-D14	C1734-2371	79.5 %	(18 - 137)	



Environmental Testing Laboratories, Inc.

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

12/27/2006

TPH - Method 8015B

Sample: 0612385-1

Client Sample ID: SF-121806

Matrix: Soil

Remarks:

Analyzed Date: 12/21/2006

Preparation Date(s) : 12/20/2006

Type: Composite

Collected: 12/18/2006 09:00

% Solid: 93.2%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
	Diesel Range Organics	H 524 -15	12.9	12.9	mg/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	H524-15	30.0 %	(30 - 150)	

Sample: 0612385-2

Client Sample ID: BID-121806

Matrix: Soil

Remarks:

Analyzed Date: 12/21/2006

Preparation Date(s) : 12/20/2006

Type: Composite

Collected: 12/18/2006 09:15

% Solid: 90.3%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
	Diesel Range Organics	H 524 -16	13.3	3160	mg/Kg	

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	H524-16	44.4 %	(30 - 150)	



Environmental Testing Laboratories, Inc.

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

12/27/2006

TPH - Method 8015B

Sample: 0612385-9

Client Sample ID: RS-1,7,8-Preshake

Matrix: Soil

Remarks:

Analyzed Date: 12/21/2006

Preparation Date(s) : 12/20/2006

Type: Composite

Collected: 12/18/2006 11:30

% Solid: 90.8%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
	Diesel Range Organics	H 524 -17	13.2	63.1	mg/Kg	

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	H524-17	41.4 %	(30 - 150)	

Sample: 0612385-10

Client Sample ID: RS-1,7,8-Postshake

Matrix: Soil

Remarks:

Analyzed Date: 12/21/2006

Preparation Date(s) : 12/20/2006

Type: Composite

Collected: 12/18/2006 11:30

% Solid: 90.7%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
	Diesel Range Organics	H 524 -18	13.2	7890	mg/Kg	

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	H524-18	51.5 %	(30 - 150)	



Environmental Testing Laboratories, Inc.

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

12/27/2006

TPH - Method 8015B

Sample: 0612385-11

Client Sample ID: OTC-6-121806

Matrix: Soil

Remarks:

Analyzed Date: 12/21/2006

Preparation Date(s) : 12/20/2006

Type: Composite

Collected: 12/18/2006 14:00

% Solid: 85.1%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
	Diesel Range Organics	H 524 -19	14.1	1890	mg/Kg	

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	H524-19	39.3 %	(30 - 150)	

Sample: 0612385-12

Client Sample ID: OTC-7-121806

Matrix: Soil

Remarks:

Analyzed Date: 12/21/2006

Preparation Date(s) : 12/20/2006

Type: Composite

Collected: 12/18/2006 15:00

% Solid: 85.3%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
	Diesel Range Organics	H 524 -20	14.1	1970	mg/Kg	

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	H524-20	39.0 %	(30 - 150)	



Environmental Testing Laboratories, Inc.

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

12/27/2006

Gasoline Range Organics - EPA 8015B

Sample: 0612385-1

Client Sample ID: SF-121806

Matrix: Soil

Remarks:

Analyzed Date: 12/19/2006

Type: Composite

Collected: 12/18/2006 09:00

% Solid: 93.2%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
	Gasoline Range Organics	M 243 -7	0.47	2.11	mg/Kg	

* Results are reported on a dry weight basis

Sample: 0612385-2

Client Sample ID: BID-121806

Matrix: Soil

Remarks:

Analyzed Date: 12/19/2006

Type: Composite

Collected: 12/18/2006 09:15

% Solid: 90.3%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
	Gasoline Range Organics	M 243 -8	0.48	8.08	mg/Kg	

* Results are reported on a dry weight basis

Sample: 0612385-9

Client Sample ID: RS-1,7,8-Preshake

Matrix: Soil

Remarks:

Analyzed Date: 12/19/2006

Type: Composite

Collected: 12/18/2006 11:30

% Solid: 90.8%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
	Gasoline Range Organics	M 243 -9	0.48	0.48	mg/Kg	U

* 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

12/27/2006

Gasoline Range Organics - EPA 8015B

Sample: 0612385-10

Client Sample ID: RS-1,7,8-Postshake

Matrix: Soil

Remarks:

Analyzed Date: 12/20/2006

Type: Composite

Collected: 12/18/2006 11:30

% Solid: 90.7%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
	Gasoline Range Organics	M 243 -15	0.48	17.3	mg/Kg	

* Results are reported on a dry weight basis

Sample: 0612385-11

Client Sample ID: OTC-6-121806

Matrix: Soil

Remarks:

Analyzed Date: 12/19/2006

Type: Composite

Collected: 12/18/2006 14:00

% Solid: 85.1%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
	Gasoline Range Organics	M 243 -11	0.51	7.02	mg/Kg	

* Results are reported on a dry weight basis

Sample: 0612385-12

Client Sample ID: OTC-7-121806

Matrix: Soil

Remarks:

Analyzed Date: 12/19/2006

Type: Composite

Collected: 12/18/2006 15:00

% Solid: 85.3%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
	Gasoline Range Organics	M 243 -12	0.51	9.03	mg/Kg	

* 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

12/27/2006

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.

Due to the non-target compounds present in this custody re-analysis at lower dilutions was not possible without heavy system and detector contamination.



Environmental Testing Laboratories, Inc.

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

12/27/2006

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

