STEPHEN D. FLEMING, PE, CHMM
SENIOR REMEDIATION MANAGER

April 26, 2011

Transmitted: USPS Priority Mail and 1st Class USPS Mail to CC List

Mr. Kent Johnson
Senior Engineering Geologist
New York State Dept. of Environmental Conservation
Division of Environmental Remediation – Bureau E
625 Broadway
Albany, NY 12233-7250

SUBJECT: Groundwater Monitoring Report
1st Quarter 2011 (Report 1 of 4)
Safety- Kleen Service Center, 60 Seabro Ave, North Amityville, NY

Dear Mr. Johnson:

This letter serves as the Safety-Kleen Systems, Inc. (Safety-Kleen) quarterly groundwater monitoring report for the referenced site. Basile Environmental Solutions, LLC (BES) collected the samples and field data on March 24, 2011.

The samples were sent to the new project laboratory, Test America, Inc. (TA). TA holds NY NELAP and NYDOH laboratory certifications. Analytical Services, Inc. (ASI), the former project laboratory, chose not to renew specific New York State certifications in November, 2009. Therefore, Safety-Kleen selected another project laboratory to complete the analyses required. The change-over in labs, and TA's necessity to "get-up-to-speed", required method adjustment and further consultation with the former laboratory and New York State Department of Environmental Conservation (NYSDEC) in order to adequately duplicate the Mineral Spirits (dissolved and soil phases) analysis methods.

The change resulted in a new revised laboratory reporting format for this project, as well as all New York Safety-Kleen sites. Further, standardization of the project-specific laboratory reporting limits, to match, as practicable, the T.O.G.S. 1.1.1 groundwater quality standards, as well as selected former laboratory limits (when no standard was available), have also been implemented. Please see the attached laboratory report for specific formatting and reporting changes.

1.0 QUARTERLY GROUNDWATER SAMPLING WORK SCOPE

The following scope of work was performed at the above referenced site during the reporting

period:

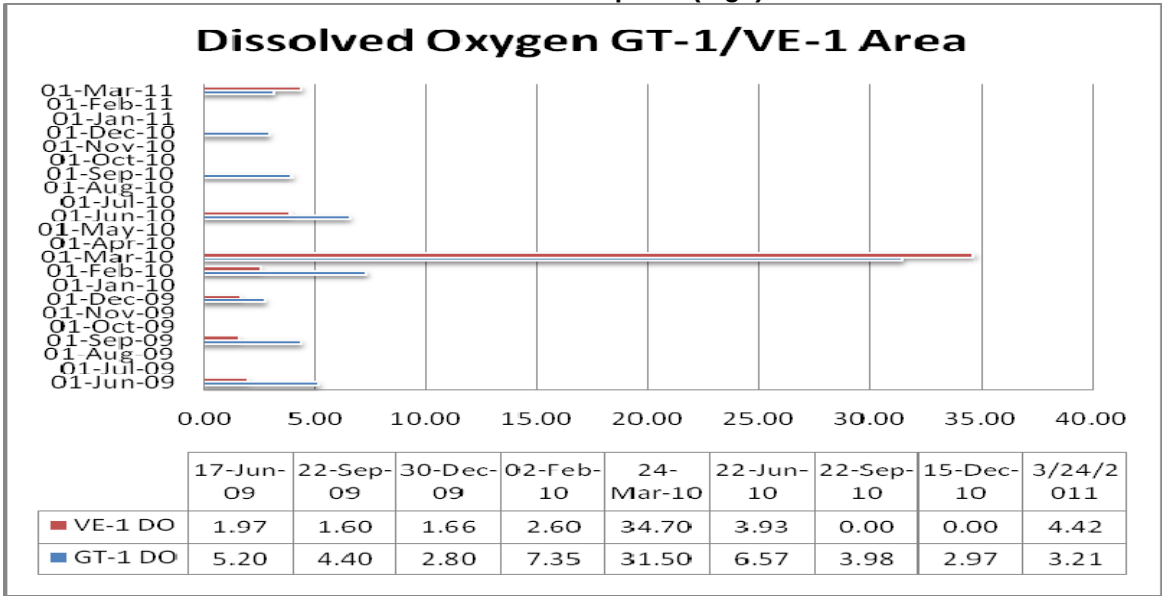
- Measurement of the depth to water (DTW) at each monitoring well, four vapor points and one select drywell location;
- Monitoring point development for groundwater field parameter monitoring and measurement;
- Collection of groundwater samples from site monitoring points, and one drywell water sample;
- Packing (on ice) and shipment of the sample set to TA, the previously noted project designated laboratory, via overnight courier.

11923 Tramway Drive, Cincinnati, OH 45241
513/956-2172 FAX 513/563-1645 E-Mail: SFLEMING@SAFETY-KLEEN.COM

Monitoring wells GT-1 through GT-5, VE-1, VE-5, VP-A, VP-B, and DW-1 were gauged and field indicator parameters were collected. Water, this quarter was present in both VE-1 and DW-1. Temperature, pH, conductivity, dissolved oxygen, redox potential, visual turbidity and dissolved ozone were recorded for each monitoring location. The Field Log Sampling Summary Form is included as **Attachment 1.**

The DO concentrations from June 2009 through March 2011 for the GT-1/VE-1 area are summarized and presented for comparison in **Table 1a/Graph 1a.** The historic field data are presented in **Attachment 3, Table 2.** The concentration of DO at GT-1 was slightly higher this quarter, and lower than pre-injection concentrations.

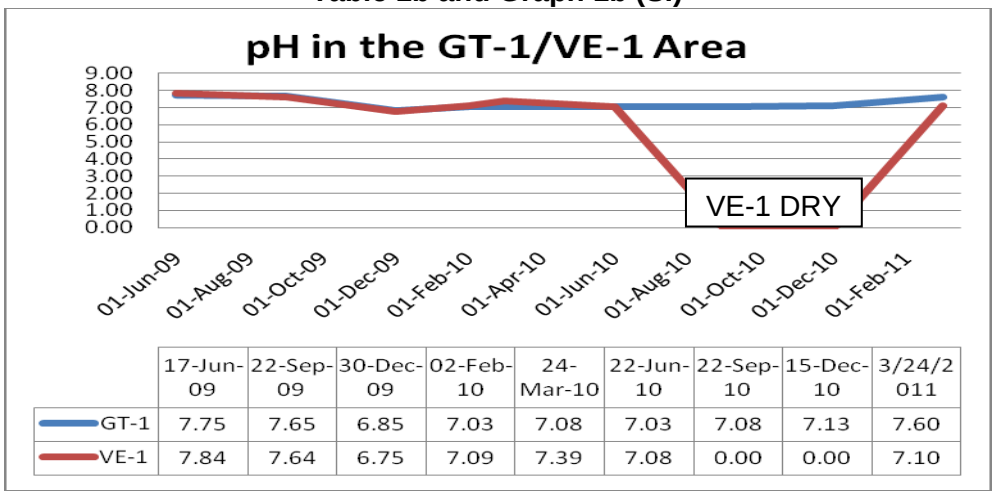
Table 1a and Graph 1a (mg/l)



	17-Jun-09	22-Sep-09	30-Dec-09	02-Feb-10	24-Mar-10	22-Jun-10	22-Sep-10	15-Dec-10	3/24/2011
VE-1 DO	1.97	1.60	1.66	2.60	34.70	3.93	0.00	0.00	4.42
GT-1 DO	5.20	4.40	2.80	7.35	31.50	6.57	3.98	2.97	3.21

The average groundwater pH varied when compared to the previous event, and appears generally higher than last quarter. The change in pH over time in the GT-1/VE-1 area is presented below. The pH still remains within the range for naturally occuring groundwater.

Table 1b and Graph 1b (SI)



	17-Jun-09	22-Sep-09	30-Dec-09	02-Feb-10	24-Mar-10	22-Jun-10	22-Sep-10	15-Dec-10	3/24/2011
GT-1	7.75	7.65	6.85	7.03	7.08	7.03	7.08	7.13	7.60
VE-1	7.84	7.64	6.75	7.09	7.39	7.08	0.00	0.00	7.10

Depth-to-water varied seasonally. A rise in the water table position was observed this quarter. **Attachment 2, Groundwater Contour Map** depicts the flow conditions for the sampling event. Direction of groundwater flow was generally consistent with historic trends; average gradient was generally southeast-southwesterly. This quarter's average gradient was measured at 0.16 %. This is shallower than the previous quarter (0.21 %).

1.2 Quarterly Groundwater Sampling

Monitoring wells GT-1, GT-2, GT-3 and GT-5, vapor extraction/monitoring points VE-1, VE-5, VP-A and VP-B were purged of 3 to 5 well volumes (conditions permitting) of groundwater with a submersible pump or bailer prior to sampling.

Groundwater samples were collected with dedicated, disposable polyethylene bailers and placed into glass containers provided by TA as specified for each analysis. A duplicate sample was collected for quality assurance purposes from well GT-1 and labeled X-2.

Samples were kept cool during overnight transport to the laboratory and were accompanied by chain-of-custody documents and a trip blank. The samples arrived at the laboratory within acceptable USEPA and NYSDEC holding times and preservation requirements. TA analyzed the water and groundwater samples for Volatile Organic Compounds (VOCs) via EPA Method 8260B, and for Mineral Spirit-Range Organics (MSRO) via Modified EPA Method 8015B.

1.3 Catch Basin DW-1 Media Sampling

DW-1 did contain standing water therefore a water sample was collected from the base of the unit using a disposable bailer.

2.0 QUARTERLY ANALYTICAL RESULTS

Historic (through September 2009) data are presented in **Attachment 3, Table 3**. This quarter's groundwater quality data are summarized in **Attachment 3, Table 4**. The laboratory analytical report is included as **Attachment 4.** The format and project-specific reporting limits for the laboratory report were reviewed with the NYSDEC and deemed acceptable.

VOCS: Select target VOCs were detected above the method detection limits (EPA Method 8260B) in monitoring points GT-2, GT-3, GT-5, VE-1, VE-5, VP-A, VP-B and DW-1, but at concentrations below the project-specific laboratory and regulatory reporting limits.

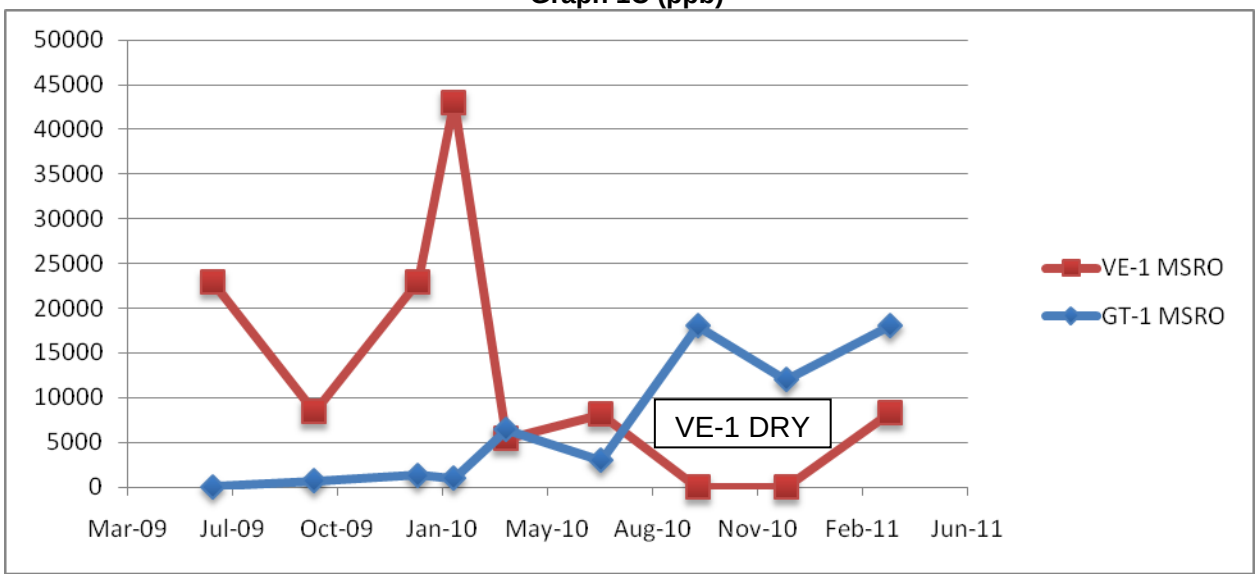
Target compounds were also detected at GT-1 above the water quality standards and method detection limits for 1,2 dichlorobenzene, 1,3 dichlorobenzene, 1,4 dichlorobenzene (6.8, 4.0 and 15 ppb respectively). The duplicate sample, X-2 showed similar results.

Table 4 summarizes the positive detections noted at and above the regulatory limit/project-specific lab reporting limits. All detections recorded above the method detection limits, can be found in the laboratory report Executive Summary (Attachment 4).

Mineral Spirit-Range Organics (MSRO): The comparability of the dissolved and solid phase mineral spirit-range organics data, to previous results, remains under review. As noted in last quarter's report, TA in consultation with the NYSDEC, as well as the former project laboratory ASI, prepared and is using a method similar to that previously employed by them. The nomenclature "Mineral Spirit Range Organics" is TA's suggested convention for reporting the results. The revised nomenclature was reviewed with the NYSDEC during a teleconference and deemed acceptable.

The March 2011 analyses did not detect MSRO at GT-2, GT-3, GT-5, VE-5, VP-A, VP-B or DW-1. MSRO was detected at GT-1 and in its duplicate, X-2, at concentrations of 18,000 ppb and 24,000 ppb respectively. This is higher than reported last quarter. MSRO was also detected at 8,300 ppb at VE-1. The following graph (**Graph 1C**) notes the changes in concentration of MSRO in the GT-1/VE-1 area.

Graph 1C (ppb)



4.0 SUMMARY

1. Groundwater elevations seasonally fluctuated, as was apparent in the water table elevations. The water table was higher than recorded last quarter by approximately 1.5 feet.

2. The direction and magnitude of groundwater flow was generally similar to historic trends.

3. DO remained at lower levels in site monitoring points including the GT-1/VE-1 area.

4. Concentrations of VOCs detected in groundwater above the standards were only reported at GT-1. Other target VOCs detected were present above the MDLs, but below the regulatory reporting limits.

5. Mineral spirit range organics (MSRO) were detected at GT-1 and VE-1. The GT-1 results are higher in the sample, than reported during the previous quarter, and remain above the GWQS for mineral spirits. VE-1 results were similar to its previous sampling (June 2010) event.

5.0 RECOMMENDATIONS

1. Implement another injection and vapor extraction program during the 2nd quarter of 2011.

2. Install replacement sparge point for AS-4R and VE-1. VE-1 will be replaced with a 2-inch point.

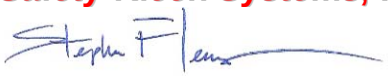
3. Continue monitoring groundwater on-site for VOCs and MSRO.

4. Further evaluate the MSRO data with historic concentrations for parity.

Should you have questions or comments concerning this report, please do not hesitate to contact me at (513) 956-2172. As always, Safety-Kleen appreciates the Department's assistance with this site.

Sincerely,

Safety-Kleen Systems, Inc.



Stephen D. Fleming, P.E., CHMM
Senior Remediation Manager

Attachments:

1. **Groundwater Gauging and Field Parameter Data**
2. **Groundwater Contour Map**
3. **Tables**
   Tables 1a, 1b (in text)
   Table 2 – Historic Groundwater Field Data Summary (to Current)
   Table 3 – Historic Groundwater Chemical Data Summary (Through 9/2009)
   Table 4 – Historic Groundwater Chemical Data Summary (TA Labs)
   Graphs - 1a, 1b, 1c (in text)
4. **Laboratory Analytical Report (**on CD for Hard Copy Recipients**) – Exec Summary Atch**

Distribution

Person/Department	**Method of Transmission**
E. Badaracco, Town of Babylon, HW Dept, Lindenhurst, NY	(hard copy – 1st Class Mail)
C. Horan, NYSDEC, Central Office, Albany, NY	(hard copy – 1st Class Mail)
M. Leary, NYSDEE, Albany, NY	(hard copy – 1st Class Mail)
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J. Basile, Basile Environmental Solutions, LLC, Cortland, NY	(electronic copy)

ATTACHMENT 1

Groundwater Gauging and Field Parameter Data Recording Form

SAMPLING INSTRUCTIONS & FIELD OBSERVATION LOG

GROUNDWATER SAMPLING RECORD

SITE NAME	**Safety-Kleen Service Center**	**DATE**	**24-Mar-11**
	North Amityville, New York	**Weather**	**gradual clearing, cold (32F)**

Samplers **Jim Scerra/SEM**

Inside warehouse

Well Name / ID	***GT-1***	***GT-2***	***GT-3***	***GT-4***	***DW-1***	***GT-5***	***VE-5***	***VE-1***	***VP-A***	***VP-B***
Lab Analysis - EPA 8260 VOCs	**Yes**	**Yes**	**Yes**		**Yes**	**Yes**	**Yes**	**Yes**	**Yes**	**Yes**
Lab Analysis - EPA 8260a MS	**Yes**	**Yes**	**Yes**		**Yes**	**Yes**	**Yes**	**Yes**	**Yes**	**Yes**
Duplicate Sample:	**Yes**									
Collect Field Parameters	**Yes**	**Yes**	**Yes**	**Yes-Only**	**Yes**	**Yes**	**Yes**	**Yes**	**Yes**	**Yes**
Diameter of Well Casing	2 in	2 in	2 in	2 in	Manhole	2 in	1 in	1 in	2 in	2 in
Depth of Well (ft.)	26.0	27.40	27.48	26.18	10.50	21.2	19.64	27.48	27.5	23
Depth to Groundwater (ft.)	17.83	17.77	16.84	16.20	9.82	18.18	17.33	17.95	19.20	17.75
Water Column Height (ft.)	8.17	9.63	10.64	9.98		3.02	2.31	9.53	8.30	5.25
Volume Purged (gal)	4.0	4.5	4.5	4.0	NA	1.5	0.5	1.0	4.0	2.5
Purging Method	bailer	bailer	bailer	bailer		bailer	bailer		bailer	bailer
Sampling Time	10:00	09:30	09:00	NA	10:30	08:15	12:15	11:45	10:50	11:15
Sample date	3/24/11	3/24/11	3/24/11		3/24/11	3/24/11	3/24/11	3/24/11	3/24/11	3/24/11
GW Visual Observations										
color	clear	lt brown	clear	brown/rust	clear	clear	brown	grey	brown	brown
sheen	yes	no	no	no	no	no	no	slight	no	no
odor	yes	no	no	no	no	no	no	yes	no	no
Field Parameters										
Temperature (C)	13.0	11.6	10.7	12.8	8.5	13.9	11.9	11.8	13.5	13.8
pH	7.60	7.05	7.60	7.70	7.10	7.34	7.12	7.10	7.10	7.57
Conductivity in uS	198	530	160	190	25	326	188	267	255	196
Dissolved Oxygen (mg/L)	3.21	3.14	7.36	4.20	10.50	4.08	6.02	4.42	6.10	5.95
ORP (Eh (Mv))	25	-25	15	50	80	-15	5	-10	-20	-15
Turbidity (visual / NTU)	low	low	low	high	low	low	high	med	med	high
Ozone (mg/l)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

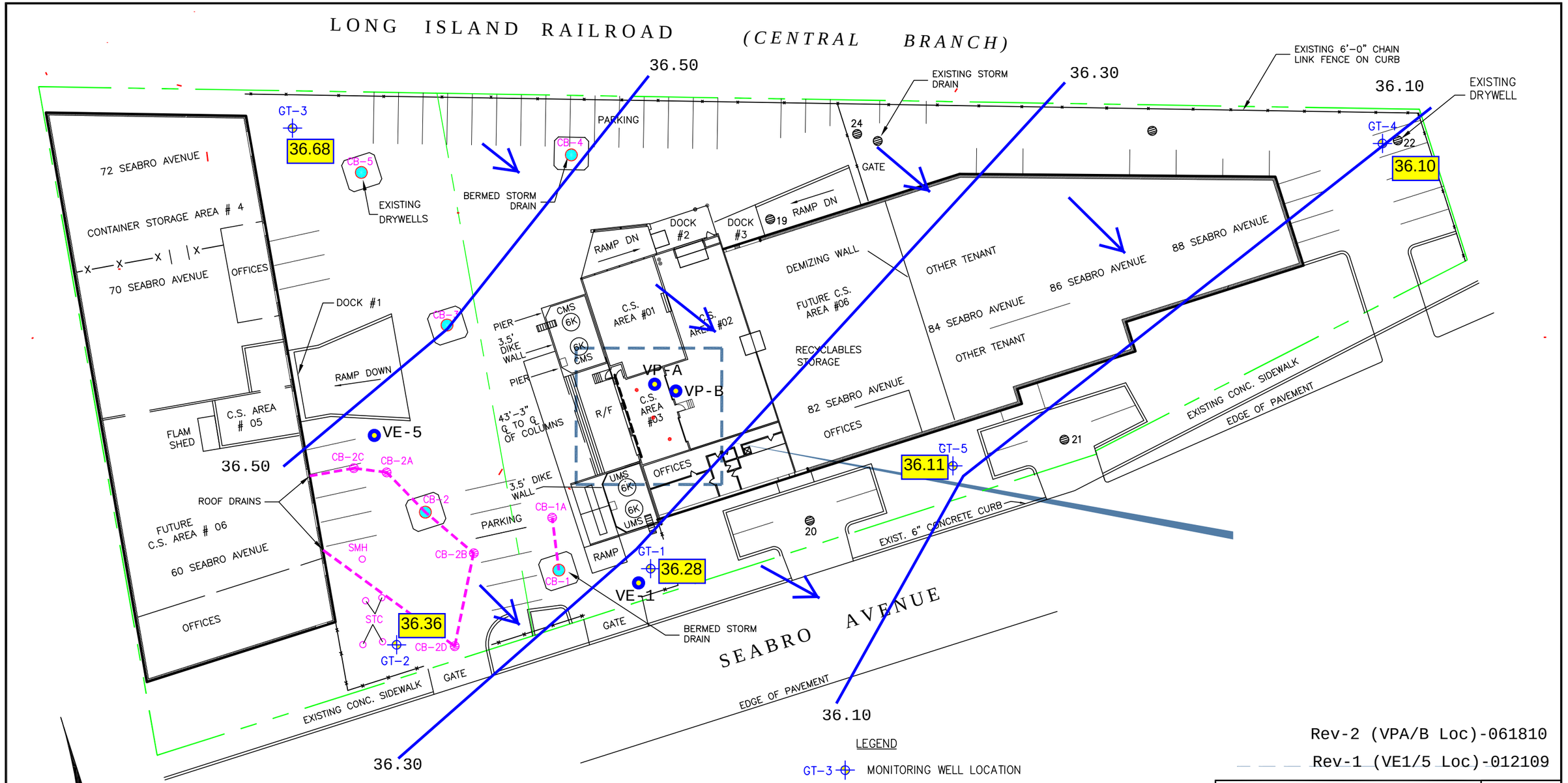
Comments

Duplicate on GT-1 (X-2)

Water in DW-1 was from snow melt from roof top of building adjacent to location.

ATTACHMENT 2

Groundwater Contour Map



Groundwater Flow Key
= contour line
36.01 = elevation (feet)
= direction of flow

Average Gradient: 0.16 %

SOURCE:
MAP BASED ON SAFETY KLEEN BASE MAP ENTITLED "SITE PLAN EXISTING" DATED 8/26/00; DRAWING NO. 7039-SPOO-001, REV. 1 BY RM - SCALE: 1"=20'

0 20 40 60 80
Scale in Feet

LEGEND

- GT-3 — MONITORING WELL LOCATION
- DRYWELL (ADDRESSED IN CLOSURE)
- 23 — DRYWELL (EXISTING)
- CB-2B — OVER-FLOW POOL
- NEW PROPOSED BORING
- ALREADY COMPLETED BORING
- 6" LINE CONNECTING OFP TO DRYWELL
- PROPERTY LINE
- VE/VP-x — Vapor Extraction Well

Rev-2 (VPA/B Loc)-061810
Rev-1 (VE1/5 Loc)-012109

Basile Environmental Solutions, LLC
1188 Hillside Dr.
Cortland, NY 13045

DATE: 04/21/10
SCALE: AS SHOWN
CAD FILE: 7039-1A
DRAWN BY: JB
CHECKED BY: J.B.
FIGURE No: 2

TITLE: Groundwater Contour Map
Gauging Date: 3/24/2011

CLIENT: SAFETY-KLEEN SYSTEMS INC.
60 SEABRO AVENUE
NORTH AMITYVILLE, NY

Safety-Kleen Systems, Inc. - N. Amityville, NY
Groundwater Elevation Gradient Calculations

General Information

Wells Gauged & not used:
None

Map Scale Conversion:

inch	to feet	
1.00	40.00	40.00

Date: 3/24/2011

3 to 1
3 to 2
3 to 4
3 to 5

Contour Interval Formula:

Variables	Formula
DF hi = Distance of contour interval from high point (ft)	
hi = delta from highest elevation (ft)	
Delta h = distance between monitoring points (ft)	DF hi = (hi x Delta h) / DBW
DBW = difference in head b/w monitoring points (ft)	

Site Gradient Calculation

Upgradient Elevation (ft)	Down Gradient Elevation (ft)	Delta H (ft)	Dist. b/w U/D (ft)	Gradient in ft/ft
36.68	36.28	0.40	230.99	0.17%
36.68	36.36	0.32	213.92	0.15%
36.68	36.10	0.58	442.87	0.13%
36.68	36.11	0.57	302.00	0.19%
			Average:	0.16%

Well Pair Specific Calculations

Well Pair	Well ID (hi) (GW Elev - ft)	Well ID (lo) (GW Elev - ft)	Delta h (ft)	Distance Between Wells (ft)
GT-3 to GT-4	36.68	36.10	0.58	442.87

Elevations to Plot	Delta from hi (ft)	Distance from hi (ft)	No. cms
36.50	0.18	137.4	3.4
36.30	0.38	290.2	7.3
36.10	0.58	442.9	11.1
35.75	0.93	710.1	17.8
35.50	1.18	901.0	22.5

Well Pair	Well ID (hi) (GW Elev - ft)	Well ID (lo) (GW Elev - ft)	Delta h (ft)	Distance Between Wells (ft)
GT-3 to GT-2	36.68	36.36	0.32	213.92

Elevations to Plot	Delta from hi (ft)	Distance from hi (ft)	No. cms
36.50	0.18	120.3	3.0
36.30	0.38	254.0	6.4
36.10	0.58	387.7	9.7
35.75	0.93	621.7	15.5
35.50	1.18	788.8	19.7

Well Pair	Well ID (hi) (GW Elev - ft)	Well ID (lo) (GW Elev - ft)	Delta h (ft)	Distance Between Wells (ft)
GT-3 to GT-1	36.68	36.28	0.40	230.99

Elevations to Plot	Delta from hi (ft)	Distance from hi (ft)	No. cms
36.50	0.18	103.9	2.6
36.30	0.38	219.4	5.5
36.10	0.58	334.9	8.4
35.75	0.93	537.1	13.4
35.50	1.18	681.4	17.0

Well Pair	Well ID (hi) (GW Elev - ft)	Well ID (lo) (GW Elev - ft)	Delta h (ft)	Distance Between Wells (ft)
GT-3 to GT-5	36.68	36.11	0.57	302.00

Elevations to Plot	Delta from hi (ft)	Distance from hi (ft)	No. cms
36.50	0.18	95.4	2.4
36.30	0.38	201.3	5.0
36.10	0.58	307.3	7.7
35.75	0.93	492.7	12.3
35.50	1.18	625.2	15.6

Monitoring Point Elevation Data

Monitoring Point		Elevation (ft)
GT-1		36.28
GT-2		36.36
GT-3		36.68
GT-4		36.10
GT-5		36.11

ATTACHMENT 3

TABLES

Tables 1a thru 1b (in text)

Table 2 – Historic Groundwater Field Data Summary (to Current)

Table 3 – Historic Groundwater Chemical Data Summary (Through 9/09)

Table 4 – Historic Groundwater Chemical Data Summary (From 12/09-TA Labs)

Table 2 - Historic Groundwater Field Data Summary (to Current)

KEY

Temperature recorded in C
Conductivity measured in uS
Dissolved Oxygen measured in mg/l
Eh measured in Mv
Ozone measured in mg/l

GT-1

PARAMETER

	Depth to Water (ft)	Groundwater Elevation (ft)	Temperature ºC	pH	Cond.	D.O.	Eh	Ozone
24-Mar-05	18.29	35.82	12.5	6.50	180	4.9	30	1.38
27-Jun-05	17.20	36.91	16.6	6.33	343	4.67	25	0.07
20-Sep-05	19.12	34.99	18.5	6.17	345	3.98	55	>1.5
13-Dec-05	15.29	38.82	10.7	6.97	157	5.34	<-80	0.10
15-Mar-06	15.07	39.04	12.8	7.02	203	4.27	51	0.34
22-Jun-06	15.81	38.30	15.0	6.64	217	3,95	-48	-0.01
26-Sep-06	17.00	37.11	17.1	7.05	188	2.32	0	-0.70
19-Dec-06	16.53	37.58	16.6	7.05	184	2.40	-36	0.01
27-Mar-07	16.13	37.98	14.0	7.09	462	2.80	-46	0.09
26-Jun-07	16.16	37.95	15.0	7.14	232	1.96	-32	-0.28
20-Sep-07	17.14	36.97	17.3	7.07	171	3.05	-50	0.01
20-Dec-07	18.56	35.55	16.6	7.14	189	2.65	-47	NA
27-Mar-08	15.36	38.75	13.3	7.10	244	2.80	-125	ND
19-Jun-08	16.39	37.72	14.2	7.09	190	2.88	-135	0.07
25-Sep-08	18.10	36.01	17.3	6.22	144	2.23	2	0.20
18-Dec-08	16.20	37.91	16.0	6.53	149	2.95	85	0.09
12-Mar-09	16.47	37.64	12.2	7.00	459	2.96	163	ND
17-Jun-09	15.73	38.38	13.5	7.75	381	5.20	48	0.10
22-Sep-09	17.05	37.06	17.0	7.65	224	4.40	-29	0.10
30-Dec-09	16.49	37.62	15.0	6.85	182	2.80	91	0.08
02-Feb-10	16.75	37.36	13.5	7.03	179	7.35	45	0.00
24-Mar-10	13.80	40.31	12.0	7.08	603	31.50	165	0.60
22-Jun-10	15.30	38.81	15.5	7.03	182	6.57	32	0.00
22-Sep-10	18.70	35.41	17.8	7.08	176	3.98	28	n/m
15-Dec-10	19.28	34.83	15.3	7.13	157	2.95	10	0.00
24-Mar-11	17.83	36.28	13.0	7.60	198	3.21	25	0.00

GT-2	PARAMETER							
Sampling Date	Depth to Water (ft)	Groundwater Elevation (ft)	Temperature °C	pH	Cond.	D.O.	Eh	Ozone
24-Mar-05	17.15	36.98	12.7	6.41	520	2.8	215	1.50
27-Jun-05	16.95	37.18	15.8	7.23	518	2.78	150	0
20-Sep-05	19.65	34.48	17.1	6.53	500	3.01	125	>1.5
13-Dec-05	15.22	38.91	16.5	7.01	353	3.51	130	>1.5
15-Mar-06	14.97	39.16	12.6	6.87	581	4.56	193	1.11
22-Jun-06	15.69	38.44	16.8	6.50	704	4.45	184	0.07
26-Sep-06	16.89	37.24	17.5	7.09	781	2.93	135	0.10
19-Dec-06	16.42	37.71	14.6	7.06	473	2.88	39	0.27
27-Mar-07	16.01	38.12	13.7	7.09	466	3.05	2	0.45
26-Jun-07	16.03	38.10	15.8	7.12	659	2.76	41	0.60
20-Sep-07	17.02	37.11	17.1	7.08	628	3.11	14	0.27
20-Dec-07	18.48	35.65	14.7	7.07	333	3.10	20	NA
27-Mar-08	15.25	38.88	13.1	7.06	342	2.95	-104	ND
19-Jun-08	16.30	37.83	15.2	7.13	478	2.50	-100	0.05
25-Sep-08	18.00	36.13	16.7	6.21	350	1.58	215	0.09
18-Dec-08	16.15	37.98	15.0	6.38	399	1.97	-100	0.10
12-Mar-09	16.38	37.75	12.9	7.14	500	0.77	167	ND
17-Jun-09	15.63	38.50	13.0	7.63	270	3.29	57	0.06
22-Sep-09	16.95	37.18	17.0	7.01	711	2.00	77	0.40
30-Dec-09	16.40	37.73	14.2	6.95	427	2.05	95	0.02
02-Feb-10	16.66	37.47	12.8	7.14	330	2.84	232	0.00
24-Mar-10	13.70	40.43	12.7	7.11	452	2.00	92	0.00
22-Jun-10	15.10	39.03	16.5	7.14	1064	1.17	-29	0.00
22-Sep-10	18.61	35.52	17.0	7.09	302	2.55	-33	n/m
15-Dec-10	19.22	34.91	13.8	7.09	384	2.80	-40	0.00
24-Mar-11	17.77	36.36	11.6	7.05	530	3.14	-25	0.00

GT-3	PARAMETER							
Sampling Date	Depth to Water (ft)	Groundwater Elevation (ft)	Temperature °C	pH	Cond.	D.O.	Eh	Ozone
24-Mar-05	17.05	36.47	10.5	8.30	80	5.85	160	1.48
27-Jun-05	15.95	37.57	16.0	6.71	211	7.94	175	0.02
20-Sep-05	18.53	34.99	17.8	6.30	215	6.90	100	0.20
13-Dec-05	14.11	39.41	15.5	7.43	235	7.40	130	0.05
15-Mar-06	13.85	39.67	11.9	7.26	396	9.10	184	0.20
22-Jun-06	14.56	38.96	15.0	7.26	257	6.20	190	-0.12
26-Sep-06	15.80	37.72	18.4	7.08	253	5.66	102	0.04
19-Dec-06	15.34	38.18	16.2	7.05	251	4.20	68	0.05
27-Mar-07	14.91	38.61	12.1	7.07	225	3.95	-33	0.10
26-Jun-07	14.96	38.56	13.5	7.07	205	3.40	50	-0.32
20-Sep-07	15.87	37.65	18.9	7.06	287	4.10	-25	0.18
20-Dec-07	17.40	36.12	14.9	7.11	164	3.15	65	NA
27-Mar-08	14.15	39.37	12.0	7.53	202	3.15	-82	0.22
19-Jun-08	15.20	38.32	14.4	7.09	168	3.00	-75	0.15
25-Sep-08	16.89	36.63	18.1	6.27	172	5.30	182	0.11
18-Dec-08	15.05	38.47	13.0	6.85	89	7.75	93	0.20
12-Mar-09	15.28	38.24	11.7	7.36	214	6.60	125	0.20
17-Jun-09	14.52	39.00	13.3	7.69	219	6.30	68	0.10
22-Sep-09	15.83	37.69	18.0	7.25	300	6.70	50	0.01
30-Dec-09	15.31	38.21	14.4	6.95	186	4.22	97	0.05
02-Feb-10	15.58	37.94	13.2	7.13	215	7.68	243	0.05
24-Mar-10	12.63	40.89	10.9	7.08	174	8.24	118	0.00
22-Jun-10	14.11	39.41	16.0	7.10	226	6.30	49	0.00
22-Sep-10	17.49	36.03	18.0	7.07	176	2.00	55	n/m
15-Dec-10	18.15	35.37	14.2	7.07	120	2.18	15	0.00
24-Mar-11	16.84	36.68	10.7	7.60	160	7.36	15	0.00

GT-4

Sampling Date	Depth to Water (ft)	Groundwater Elevation (ft)	Temperature °C	pH	Cond.	D.O.	Eh	Ozone
	PARAMETER							
24-Mar-05	19.85	32.45	12.8	7.10	90	3.55	120	n/c
27-Jun-05	15.75	36.55	15.4	6.33	133	5.50	105	meter fault
20-Sep-05	16.25	Anomalous WL	16.5	6.93	139	2.52	115	>1.5
13-Dec-05	13.68	38.62	15.5	7.01	141	5.85	115	>1.5
15-Mar-06	13.48	38.82	11.6	6.86	200	4.92	46	>1.5
22-Jun-06	14.22	38.08	13.4	7.26	239	4.50	-56	>1.5
26-Sep-06	15.40	36.90	17.0	7.04	197	2.10	-40	>1.5
19-Dec-06	14.88	37.42	16.3	7.03	172	1.95	-70	>1.5
27-Mar-07	14.51	37.79	12.7	7.06	162	2.02	-55	>1.5
26-Jun-07	14.56	37.74	13.0	7.07	169	2.00	-116	>1.5
20-Sep-07	15.52	36.78	16.8	7.03	149	2.70	-40	Out of Range
20-Dec-07	16.97	35.33	16.4	7.04	130	2.75	-44	NA
27-Mar-08	13.75	38.55	12.2	7.10	149	2.50	-70	Out of Range
19-Jun-08	14.78	37.52	13.4	7.08	112	3.50	-45	Out of Range
25-Sep-08	16.46	35.84	16.0	6.50	174	1.92	-12	Out of Range
18-Dec-08	14.60	37.70	15.7	7.80	111	1.94	-94	Out of Range
12-Mar-09	14.80	37.50	12.0	7.45	188	5.06	103	Out of Range
17-Jun-09	14.06	38.24	12.9	7.88	231	3.50	-45	Out of Range
22-Sep-09	15.44	36.86	16.3	8.22	163	2.93	-8	Out of Range
30-Dec-09	14.85	37.45	15.0	7.75	171	2.05	75	Out of Range
02-Feb-10	15.11	37.19	11.9	7.11	268	5.26	76	Out of Range
24-Mar-10	12.14	40.16	11.8	7.03	160	6.88	22	Out of Range
22-Jun-10	13.61	38.69	14.0	7.08	73	3.01	65	Out of Range
22-Sep-10	17.12	35.18	16.9	7.04	212	2.82	49	n/m
15-Dec-10	17.65	34.65	16.8	7.02	232	3.05	50	0
24-Mar-11	16.20	36.10	12.8	7.70	190	4.20	50	0

GT-5

Sampling Date	Depth to Water (ft)	Groundwater Elevation (ft)	Temperature °C	pH	Cond.	D.O.	Eh	Ozone
	PARAMETER							
24-Mar-05	17.65	36.64	13.5	6.21	217	3.40	130	1.16
27-Jun-05	17.50	36.79	14.8	6.13	205	7.29	135	0.23
20-Sep-05	19.33	34.96	15.6	6.13	210	6.51	-0.61	0.00
13-Dec-05	15.63	38.66	14.2	6.61	162	6.81	110	0.27
15-Mar-06	15.40	38.89	12.5	6.72	189	7.45	156	0.20
22-Jun-06	16.13	38.16	15.0	6.16	180	6.58	150	0.07
26-Sep-06	17.32	36.97	14.9	7.12	333	6.18	100	0.15
19-Dec-06	16.82	37.47	15.0	7.05	219	5.05	62	0.11
27-Mar-07	16.46	37.83	14.1	7.12	185	4.96	48	0.12
26-Jun-07	16.50	37.79	15.0	7.13	215	3.69	36	0.11
20-Sep-07	17.46	36.83	14.6	7.03	286	4.30	35	0.18
20-Dec-07	18.88	35.41	15.5	7.10	310	4.22	60	NA
27-Mar-08	15.68	38.61	13.5	7.12	219	3.88	-74	ND
19-Jun-08	16.70	37.59	14.5	7.11	189	3.95	-50	0.15
25-Sep-08	18.41	35.88	14.8	6.11	255	4.80	131	0.12
18-Dec-08	16.55	37.74	14.5	6.85	184	7.10	54	0.08
12-Mar-09	16.75	37.54	13.2	7.14	190	5.44	127	0.10
17-Jun-09	16.03	38.26	14.5	7.11	221	7.30	50	0.15
22-Sep-09	17.4	36.89	15.0	7.71	452	6.51	34	0.09
30-Dec-10	16.81	37.48	12.5	6.92	231	4.96	112	0.10
02-Feb-10	17.03	37.26	12.9	7.13	315	6.21	113	0.00
24-Mar-10	14.1	40.19	13.0	7.12	218	5.95	217	0.00
22-Jun-10	15.61	38.68	15.0	7.09	207	8.02	-46	0.00
22-Sep-10	19.08	35.21	15.4	7.07	294	4.25	-35	n/m
15-Dec-10	19.61	34.68	14.8	7.07	243	3.55	-10	0.00
24-Mar-11	18.18	36.11	13.9	7.34	326	4.08	-15	0.00

VE-1

Sampling Date	Depth to Water (ft)	PARAMETER					
		Temperature °C	pH	Cond.	D.O.	Eh	Ozone
24-Mar-05	N/C	n/c	n/c	n/c	n/c	n/c	0.17
27-Jun-05	17.14	17.0	7.41	457	6.52	140	0.08
20-Sep-05	**Dry**						
13-Dec-05	15.43	13.5	7.01	111	2.95	<-80	>1.5
15-Mar-06	15.20	NA	7.35	177	N/A	-100	>1.5
22-Jun-06	15.92	16.0	6.89	351	3.00	3.88	>1.5
26-Sep-06	17.10	19.4	7.06	529	3.58	-105	0.22
19-Dec-06	16.63	14.8	7.05	248	3.15	-113	0.25
27-Mar-07	16.23	13.7	7.07	322	2.44	-60	0.2
26-Jun-07	16.29	17.0	7.12	509	1.66	-114	0.10
20-Sep-07	17.25	19.2	7.05	408	2.05	-50	0.11
20-Dec-07	18.62	14.8	7.12	234	2.99	-110	NA
27-Mar-08	15.47	11.4	7.11	268	3.15	-178	0.10
19-Jun-08	16.50	16.0	7.10	181	2.05	-200	Out of Range
25-Sep-08	18.20	19.2	6.53	470	2.60	-106	Out of Range
18-Dec-08	16.32	15.0	6.63	175	1.86	-83	Out of Range
12-Mar-09	16.57	12.0	6.94	212	5.63	178	0.11
17-Jun-09	15.53	17.0	7.84	388	1.97	-109	Out of Range
22-Sep-09	17.15	19.2	7.64	547	1.60	-123	0.03
30-Dec-09	16.59	12.0	6.75	334	1.66	-49	0.09
02-Feb-10	16.83	12.0	7.09	221	2.60	-15	0.02
24-Mar-10	13.90	12.1	7.39	392	34.70	202	over range
22-Jun-10	15.36	17.1	7.08	261	3.93	-60	0.00
22-Sep-10	DRY						
15-Dec-10	DRY						
24-Mar-11	17.95	11.8	7.10	267	4.42	-10	0.00

VE-5

Sampling Date	Depth to Water (ft)	PARAMETER					
		Temperature °C	pH	Cond.	D.O.	Eh	Ozone
24-Mar-05	19.64	12.1	6.91	230	4.45	190	0.57
27-Jun-05	16.65	16.7	7.02	235	6.83	125	meter fault
20-Sep-05	18.45	20.0	6.53	238	7.83	100	>1.5
13-Dec-05	5.51	15.0	7.10	240	5.51	105	>1.5
15-Mar-06	14.62	12.0	7.05	240	4.95	165	>1.5
22-Jun-06	15.35	16.0	7.10	251	3.85	150	>1.5
26-Sep-06	16.47	18.0	7.11	240	2.95	157	>1.5
19-Dec-06	16.00	14.1	7.06	263	2.99	29	>1.5
03-Jan-00	15.60	14.5	7.11	226	2.71	8	>1.5
26-Jun-07	15.64	17.3	7.15	212	1.58	15	>1.5
20-Sep-07	16.60	18.0	7.04	201	2.50	-30	Out of Range
20-Dec-07	18.03	13.8	7.14	232	2.80	32	NA
27-Mar-08	14.84	11.0	7.09	198	3.00	-95	ND
19-Jun-08	15.88	16.4	7.16	227	2.85	-100	0.1
25-Sep-08	17.60	18.2	6.04	215	6.18	195	0.05
18-Dec-08	15.70	14.0	6.42	224	6.32	121	0.35
12-Mar-09	15.94	12.0	6.94	212	5.63	178	0.11
17-Jun-09	15.20	15.5	8.01	259	5.60	55	0.06
22-Sep-09	16.53	19.0	7.50	313	9.65	30	0.01
30-Dec-09	15.97	13.0	6.55	249	5.22	131	over range
02-Feb-10	16.23	12.5	7.12	252	8.00	382	over range
24-Mar-10	13.26	12.5	7.13	218	8.20	153	over range
22-Jun-10	14.76	16.8	7.10	275	8.16	-36	over range
22-Sep-10	18.20	19.0	7.04	210	3.20	-40	n/m
15-Dec-10	18.80	15.0	7.08	221	3.05	20	0
24-Mar-11	17.33	11.9	7.12	188	6.02	5	0

DW-1

Sampling Date	Depth to Water (ft)		PARAMETER					
			Temperature °C	pH	Cond.	D.O.	Eh	Ozone
24-Mar-05			7.7	7.51	543	5.8	95	n/c
27-Jun-05			20.6	6.53	105	1.94	125	0
20-Sep-05	9.50		25.5	6.27	110	1.87	-35	0
13-Dec-05	6.95		12.0	7.41	43	11.21	45	0
15-Mar-06	10.36		8.6	7.78	97	7.41	102	0.1
22-Jun-06	8.90		18.5	7.46	66	7.00	88	-0.08
26-Sep-06	8.36		22.4	7.03	65	3.74	34	0.05
19-Dec-06	10.35		12.5	7.31	94	4.25	-41	-0.01
27-Mar-07	8.70		8.5	7.16	209	5.2	-60	-0.08
26-Jun-07	8.98		21.3	7.13	67	4.80	-25	0.10
20-Sep-07	9.58		23.0	7.08	63	6.70	-46	0.07
20-Dec-07	7.65		8.5	7.02	72	5.28	25	NA
27-Mar-08	7.90		8.1	7.21	82	4.85	-123	ND
19-Jun-08	4.30		22.4	7.13	56	6.55	-10	0.08
25-Sep-08	DRY		n/a	n/a	n/a	n/a	n/a	n/a
18-Dec-08	DRY	soil sample coll.	n/a	n/a	n/a	n/a	n/a	n/a
12-Mar-09	10.48	soil sample coll.	13.0	7.30	65	6.55	-8	ND
17-Jun-09	DRY	soil sample coll.	n/a	n/a	n/a	n/a	n/a	n/a
22-Sep-09	DRY	soil sample coll.	n/a	n/a	n/a	n/a	n/a	n/a
30-Dec-09	DRY	soil sample coll.	n/a	n/a	n/a	n/a	n/a	n/a
02-Feb-10	DRY	soil sample coll.	n/a	n/a	n/a	n/a	n/a	n/a
24-Mar-10	DRY	soil sample coll.	soil sample wet	n/a	n/a	n/a	n/a	n/a
22-Jun-10	DRY	soil sample coll.	n/a	n/a	n/a	n/a	n/a	n/a
22-Sep-10	DRY	soil sample coll.	n/a	n/a	n/a	n/a	n/a	n/a
15-Dec-10	DRY	soil sample coll.	n/a	n/a	n/a	n/a	n/a	n/a
24-Mar-11	9.82		8.5	7.10	25	10.50	80	0.00

VP-A

Sampling Date	Depth to Water (ft)		PARAMETER					
			Temperature °C	pH	Cond.	D.O.	Eh	Ozone
30-Dec-09		Not Accessible						
02-Feb-10	18.13		14.1	7.11	350	9.15	224	0.00
24-Mar-10	15.18		13.5	7.11	271	9.66	144	over range
22-Jun-10	16.50		15.5	7.13	188	10.23	-60	over range
22-Sep-10	20.05		17.5	7.11	376	3.95	-45	n/m
15-Dec-10	20.68		16.0	7.06	292	3.55	-35	0
24-Mar-11	19.20		13.5	7.10	255	6.10	-20	0

VP-B

Sampling Date	Depth to Water (ft)		PARAMETER					
			Temperature °C	pH	Cond.	D.O.	Eh	Ozone
30-Dec-09	16.28		15.1	7.53	211	1.79	170	0.03
02-Feb-10	16.55		14.1	7.04	340	9.01	190	over range
24-Mar-10	13.68		13.8	7.09	229	7.14	137	over range
22-Jun-10	15.08		15.5	7.13	245	9.40	12	over range
22-Sep-10	18.61		17.0	7.09	370	4.00	16	n/m
15-Dec-10	19.20		14.9	7.03	370	2.97	20	0
24-Mar-11	17.75		13.8	7.57	196	5.95	-15	0

Table 3
Historic Groundwater Chemical Data Summary (Through 9/09)
S-K N. Amityville, NY

Well ID	TOC Elev.	Date	Benzene (ug/l)	Toluene (ug/l)	Ethyl-benzene (ug/l)	Xylenes (ug/l)	Chloro-benzene (ug/l)	1,2-DCB (ug/l)	1,3-DCB (ug/l)	1,4-DCB (ug/l)	1,2-DCE (ug/l)	1,1,1-TCA (ug/l)	trans -1,2-DCE (ug/l)	Mineral Spirits (ug/l)	Total VOCs (ug/l)
GW STND			1	5	5	5	5	3	3	3	5	5	5	50	
GT-1		3/14/1994	ND	ND	**51**	**410**	**170**	**ND**	**21**	**81**	ND	ND	ND	NS	733
		2/9/1996	ND	ND	5	**49**	**19**	**13**	ND	**12**	ND	ND	ND	**444**	98
		5/28/1996	ND	ND	ND	**16**	**24**	**10**	ND	**13**	ND	ND	ND	**186**	63
DUPE		5/28/1996	ND	ND	ND	**16**	**23**	ND	ND	**13**	**11**	ND	ND	**244**	63
		8/22/1996	ND	ND	**8**	**76**	**41**	**20**	5	**23**	ND	ND	ND	**588**	173
		12/2/1996	ND	ND	ND	**42**	**18**	**10**	ND	**10**	ND	ND	ND	NS	80
		2/27/1997	ND	ND	ND	**34**	**16**	**7**	ND	**8**	ND	ND	ND	**113**	65
SPLIT		2/27/1997	ND	ND	1	**29**	**17**	**9**	3	**13**	ND	ND	ND	**170**	72
		5/28/1997	ND	ND	**6**	**52**	**22**	**12**	ND	**11**	ND	ND	ND	ND	103
DUPE		5/28/1997	ND	ND	**6**	**52**	**22**	**12**	ND	**11**	ND	ND	ND	ND	103
SPLIT		5/28/1997	ND	ND	**6**	**47**	**20**	**9**	ND	**10**	ND	ND	ND	**51**	92
		9/9/1997	ND	ND	**22**	**167**	**73**	**33**	**9**	**38**	ND	ND	ND	**308**	343
DUPE		9/9/1997	ND	ND	**19**	**150**	**65**	**29**	**9**	**33**	ND	ND	ND	**277**	304
SPLIT		9/9/1997	ND	ND	**17**	**130**	**62**	**33**	**9**	**38**	ND	ND	ND	**5000**	289
		12/18/1997	ND	ND	**9**	**62**	**26**	**16**	4	**18**	ND	ND	ND	43	135
DUPE		12/18/1997	ND	ND	**8**	**61**	**26**	**14**	4	**16**	ND	ND	ND	33	129
		6/25/1998	ND	ND	ND	**23**	**16**	**17**	ND	**16**	ND	ND	ND	**51**	72
DUPE		6/25/1998	ND	ND	ND	**23**	**16**	**17**	ND	**15**	ND	ND	ND	**55**	70
SPLIT		6/25/1998	ND	ND	ND	**18**	ND	**19**	ND	**16**	ND	ND	ND	ND	53
		10/13/1998	ND	ND	**9**	**70**	**37**	**15**	ND	**21**	ND	ND	ND	**96**	153
DUPE		10/13/1998	ND	ND	**7**	**56**	**25**	**14**	ND	**17**	ND	ND	ND	**113**	119
		12/4/1998	ND	ND	**9**	**51**	**27**	**16**	ND	**17**	ND	ND	ND	**128**	119
DUPE		12/4/1998	ND	ND	**9**	**48**	**26**	**16**	ND	**16**	ND	ND	ND	**115**	114
		6/16/1999	ND	ND	**10**	**54**	**29**	**31**	**8**	**37**	ND	ND	ND	**820**	168
DUPE		6/16/1999	ND	ND	**6**	**37**	**18**	**27**	**8**	**35**	ND	ND	ND	**335**	129
		9/30/1999	ND	ND	**14**	**71**	**45**	**31**	**7**	**34**	ND	ND	ND	ND	204
DUPE		9/30/1999	ND	ND	**16**	**80**	**49**	**37**	**9**	**41**	ND	ND	ND	ND	232
		12/22/1999	ND	ND	**9**	**43**	**23**	**22**	**6**	**26**	ND	ND	ND	**2480**	129
		3/15/2000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SPLIT		3/15/2000	ND	ND	1	**9**	5	4	1	4	0	ND	ND	**250**	24
		6/28/2000	ND	ND	**7**	**36**	**19**	**13**	ND	**13**	ND	ND	ND	**92**	0
SPLIT		6/28/2000	ND	0	**5**	**37**	**19**	**17**	4	**19**	2	ND	ND	38	0
		9/20/2000	ND	ND	ND	**25**	**11**	**13**	ND	**15**	ND	ND	ND	**118**	0
SPLIT		9/20/2000	ND	ND	ND	**10**	**5**	**6**	2	**10**	1	ND	ND	23	34
		12/20/2000	ND	ND	ND	**8**	**6**	**7**	ND	**8**	ND	ND	ND	**87**	28
SPLIT		12/20/2000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	4	0
		3/15/2001	ND	ND	ND	**8**	**7**	**6**	ND	**6**	ND	ND	ND	ND	0
SPLIT		3/15/2001	ND	ND	ND	**17**	**8**	**9**	ND	**8**	ND	ND	ND	3	0
m. malf.		8/23/2001	ND	ND	**5**	**20**	**8**	**13**	ND	**12**	ND	ND	ND	**186**	58
SPLIT		8/23/2001	ND	ND	**5**	**22**	**8**	**18**	ND	**ND**	1	ND	ND	**450**	54

Table 3
Historic Groundwater Chemical Data Summary (Through 9/09)
S-K N. Amityville, NY

Well ID	TOC Elev.	Date	Benzene (ug/l)	Toluene (ug/l)	Ethyl-benzene (ug/l)	Xylenes (ug/l)	Chloro-benzene (ug/l)	1,2-DCB (ug/l)	1,3-DCB (ug/l)	1,4-DCB (ug/l)	1,2-DCE (ug/l)	1,1,1-TCA (ug/l)	trans -1,2-DCE (ug/l)	Mineral Spirits (ug/l)	Total VOCs (ug/l)
GW STND			1	5	5	5	5	3	3	3	5	5	5	50	
		11/6/2001	ND	ND	7	35	15	25	ND	24	ND	ND	ND	100	106
SPLIT		11/6/2001	ND	ND	5	27	11	20	ND	18	ND	ND	ND	110	81
		2/5/2002	ND	ND	ND	120	ND	98	ND	92	ND	ND	ND	120000	310
SPLIT		2/5/2002	ND	ND	ND	170	ND	160	ND	160	ND	ND	ND	140000	490
		4/16/2002	ND	ND	ND	53	ND	68	ND	57	ND	ND	ND	360000	178
SPLIT		4/17/2002	ND	ND	ND	63	ND	77	ND	66	ND	ND	ND	490000	206
		10/11/2002	ND	ND	5	17	ND	20	4	18	ND	ND	ND	130	64
DUPE		10/11/2002	ND	ND	5	19	5	22	4	21	ND	ND	ND	880	76
		1/23/2003	ND	ND	ND	10	ND	15	ND	13	ND	ND	ND	340	38
DUPE		1/23/2003	ND	ND	ND	8	ND	14	ND	12	ND	ND	ND	800	34
		4/22/2003	ND	ND	ND	11	ND	20	4	18	ND	ND	ND	310	53
DUPE		4/22/2003	ND	ND	ND	6	ND	19	3	17	ND	ND	ND	240	45
		7/22/2003	ND	ND	ND	15	ND	27	5	22	ND	ND	ND	ND	69
DUPE		7/22/2003	ND	ND	ND	12	ND	21	4	18	ND	ND	ND	ND	55
		12/9/2003	ND	ND	5	22	13	33	9	40	ND	ND	ND	560	122
DUPE		12/9/2003	ND	ND	5	22	14	34	9	42	ND	ND	ND	710	126
uged: 4/22/04		3/25/2004 *	ND	ND	ND	19	8	44	9	41	ND	ND	ND	490	121
DUPE		3/25/2004 *	ND	ND	ND	18	9	42	9	43	ND	ND	ND	ND	121
		6/29/2004	ND	ND	ND	ND	ND	8	ND	9	ND	ND	ND	510	17
DUPE		6/29/2004	ND	ND	ND	5	ND	13	ND	14	ND	ND	ND	ND	32
		10/4/2004	ND	ND	ND	ND	6	5	ND	8	ND	ND	ND	ND	19
DUPE		10/4/2004	ND	ND	ND	5	10	10	3	14	ND	ND	ND	ND	42
		12/28/2004	ND	ND	ND	6	11	11	3	16	ND	ND	ND	320	47
		3/24/2005	ND	ND	ND	ND	ND	ND	ND	6	ND	ND	ND	440	6
		7/6/2005	ND	ND	ND	ND	ND	ND	ND	4	ND	ND	ND	56	9
DUPE		7/6/2005	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0
		9/20/2005	ND	ND	ND		4	9	3	13				180	29
		12/13/2005	ND	ND	ND	8	10	17	6	32	ND	ND	ND	1400	73
		3/15/2006	ND	ND	ND	6	9	26	5	26	ND	ND	ND	2600	72
		6/22/2006	ND	ND	ND	6	9	24	9	29	ND	ND	ND	3300	77
		9/26/2006	ND	ND	ND	ND	ND	15	3	15	ND	ND	ND	3100	33
		12/19/2006	ND	ND	ND	7	ND	23	4	20	ND	ND	ND	2500	54
DUPE		12/19/2006	ND	ND	ND	5	ND	17	3	16	ND	ND	ND	2700	41
		3/27/2007	ND	ND	ND	ND	ND	12	ND	12	ND	ND	ND	1600	24
DUPE		3/27/2007	ND	ND	ND	ND	ND	13	ND	13	ND	ND	ND	1400	26
		6/26/2007	ND	ND	ND	ND	ND	10	ND	12	ND	ND	ND	880	22
DUPE		6/26/2007	ND	ND	ND	ND	ND	8	ND	9	ND	ND	ND	1400	17
		9/20/2007	ND	ND	ND	5	ND	18	5	20	ND	ND	ND	2400	48
DUPE		9/20/2007	ND	ND	ND	7	ND	24	5	24	ND	ND	ND	3000	60
Injec		10/16/2007	ND	ND	ND	ND	ND	ND	ND	4	ND	ND	ND	200	4

Table 3
Historic Groundwater Chemical Data Summary (Through 9/09)
S-K N. Amityville, NY

Well ID	TOC Elev.	Date	Benzene (ug/l)	Toluene (ug/l)	Ethyl-benzene (ug/l)	Xylenes (ug/l)	Chloro-benzene (ug/l)	1,2-DCB (ug/l)	1,3-DCB (ug/l)	1,4-DCB (ug/l)	1,2-DCE (ug/l)	1,1,1-TCA (ug/l)	trans -1,2-DCE (ug/l)	Mineral Spirits (ug/l)	Total VOCs (ug/l)
GW STND			1	5	5	5	5	3	3	3	5	5	5	50	
	Ev	10/18/2007	ND	ND	ND	**8**	**6**	**24**	**7**	**31**	ND	ND	ND	**2800**	76
		12/20/2007	ND	ND	ND	ND	ND	**7**	ND	**7**	ND	ND	ND	**720**	14
DUPE		12/20/2007	ND	ND	ND	ND	ND	**7**	ND	**7**	ND	ND	ND	**550**	14
		3/27/2008	ND	ND	ND	ND	ND	**6**	ND	**8**	ND	ND	ND	**480**	14
DUPE		3/27/2008	ND	ND	ND	ND	ND	**6**	ND	**9**	ND	ND	ND	**1300**	15
		6/19/2008	ND	ND	ND	ND	ND	**7**	ND	**10**	ND	ND	ND	**1900**	17
DUPE		6/19/2008	ND	ND	ND	ND	ND	**8**	ND	**10**	ND	ND	ND	**1900**	18
		9/25/2008	ND	ND	ND	ND	ND	**18**	4	**20**	ND	ND	ND	**3100**	42
DUPE		9/25/2008	ND	ND	ND	ND	ND	**18**	4	**21**	ND	ND	ND	**3000**	43.0
		12/18/2008	ND	ND	ND	ND	ND	**8.7**	ND	**11**	ND	ND	ND	**1300**	19.7
DUPE		12/18/2008	ND	ND	ND	ND	ND	**8.6**	ND	**11**	ND	ND	ND	**1300/4800**	19.6
		3/12/2009	ND	PCE-5.7	ND	ND	ND	**6.3**	ND	**10**	ND	ND	ND	**500**	**22.0**
	X-2	3/12/2009	ND	PCE-6.3	ND	ND	ND	**5.6**	ND	**9.4**	ND	ND	ND	**710**	**21.3**
DUPE			**Note:** 5.7 and 6.3 ug/L of tetrachloroethene was also detected in sample and X-2, respectively. This parameter total is inlcuded in the Total VOCs.												
		6/17/2009	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	50	ND
DUPE		6/17/2009	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**73**	ND
		9/22/2009	ND	ND	ND	ND	ND	**3.5**	ND	**6.2**	ND	ND	ND	**530**	9.7
DUPE		9/22/2009	ND	ND	ND	ND	ND	**3**	ND	**5.8**	ND	ND	ND	**680**	8.9
GT-2		3/14/1994													
		2/9/1996													
		5/28/1996													
		8/22/1996													
		12/2/1996													
		2/27/1997													
		5/28/1997													
		9/9/1997													
		12/18/1997													
		6/25/1998													
		10/13/1998													
		12/4/1998													
		6/16/1999													
		9/30/1999													
		12/22/1999													
		3/15/2000													
		6/28/2000													
		9/20/2000													
		12/20/2000													
		3/15/2001													
m.malf		8/23/2001													
		11/6/2001													

Table 3
Historic Groundwater Chemical Data Summary (Through 9/09)
S-K N. Amityville, NY

Well ID	TOC Elev.	Date	Benzene (ug/l)	Toluene (ug/l)	Ethyl-benzene (ug/l)	Xylenes (ug/l)	Chloro-benzene (ug/l)	1,2-DCB (ug/l)	1,3-DCB (ug/l)	1,4-DCB (ug/l)	1,2-DCE (ug/l)	1,1,1-TCA (ug/l)	trans -1,2-DCE (ug/l)	Mineral Spirits (ug/l)	Total VOCs (ug/l)
GW STND			1	5	5	5	5	3	3	3	5	5	5	50	
		2/5/2002													
		4/16/2002													
		10/11/2002													
		1/23/2003	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0
		4/22/2003	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		7/22/2003	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0
		12/9/2003	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0
		4/22/2004	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0
		6/29/2004	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0
		10/4/2004	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0
		12/28/2004	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**7**
		3/24/2005	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0
Dupl		3/24/2005	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0
		7/6/2005	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0
		9/20/2005	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0
		12/13/2005	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0
		3/15/2006	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0
		6/22/2006	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0
		9/26/2006	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0
		12/19/2006	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0
		3/27/2007	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0
		6/26/2007	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0
		9/20/2007	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0
		12/20/2007	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0
		3/27/2008	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0
		6/19/2008	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0
		9/25/2008	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0
		12/18/2008	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0
		3/12/2009	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0
		6/17/2009	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0
		9/22/2009	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0
GT-3		3/14/1994	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		NS	0
		2/9/1996	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND	0
		5/28/1996	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND	0
		8/22/1996	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND	0
SPLIT		8/22/1996	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND	0
		12/2/1996	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND	0
SPLIT		12/2/1996	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND	0
		2/27/1997	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND	0
		5/28/1997	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0

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Well ID	TOC Elev.	Date	Benzene (ug/l)	Toluene (ug/l)	Ethyl-benzene (ug/l)	Xylenes (ug/l)	Chloro-benzene (ug/l)	1,2-DCB (ug/l)	1,3-DCB (ug/l)	1,4-DCB (ug/l)	1,2-DCE (ug/l)	1,1,1-TCA (ug/l)	trans -1,2-DCE (ug/l)	Mineral Spirits (ug/l)	Total VOCs (ug/l)
GW STND			1	5	5	5	5	3	3	3	5	5	5	50	
		9/9/1997	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0
		12/18/1997	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0
		6/25/1998	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0
		10/13/1998	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0
SPLIT		10/13/1998	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND	0
		12/4/1998	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0
		6/16/1999	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0
SPLIT		6/16/1999												1	0
		9/30/1999	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0
SPLIT		9/30/1999	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0
		12/22/1999	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0
		3/15/2000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0
		6/28/2000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0
		9/20/2000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0
		12/20/2000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0
		3/15/2001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0
m. malf.		8/23/2001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0
		11/6/2001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0
		2/5/2002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0
		4/16/2002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0
		10/11/2002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0
		1/23/2003	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**170**	0
		2/27/2003	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0
DUPE		2/27/2003	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0
		4/22/2003	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0
		7/22/2003	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0
		12/9/2003	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0
		4/22/2004	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0
		6/29/2004	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0
		10/4/2004	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0
		12/28/2004	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0
		3/24/2005	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0
		7/6/2005	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0
		12/13/2005	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0
		3/15/2006	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0
		6/22/2006	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0
		9/26/2006	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0
		12/19/2006	ND	ND	ND	ND	ND	**8**	ND	ND	ND	ND	ND	ND	8
		3/27/2007	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0
		6/26/2007	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0

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S-K N. Amityville, NY

Well ID	TOC Elev.	Date	Benzene (ug/l)	Toluene (ug/l)	Ethyl-benzene (ug/l)	Xylenes (ug/l)	Chloro-benzene (ug/l)	1,2-DCB (ug/l)	1,3-DCB (ug/l)	1,4-DCB (ug/l)	1,2-DCE (ug/l)	1,1,1-TCA (ug/l)	trans -1,2-DCE (ug/l)	Mineral Spirits (ug/l)	Total VOCs (ug/l)
GW STND			1	5	5	5	5	3	3	3	5	5	5	50	
		9/20/2007	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0
		12/20/2007	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0
		3/27/2008	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0
		6/19/2008	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0
		9/25/2008	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0
		12/18/2008	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0
		3/12/2009	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0
		6/17/2009	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0
		9/22/2009	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0
GT-4		3/14/1994													
		2/9/1996													
		5/28/1996													
		8/22/1996													
		12/2/1996													
		2/27/1997													
		5/28/1997													
		9/9/1997													
		12/18/1997													
		6/25/1998													
		10/13/1998													
		12/4/1998													
		6/16/1999													
		9/30/1999													
		12/22/1999													
		3/15/2000													
		6/28/2000													
		9/20/2000													
		12/20/2000													
		3/15/2001													
m malf.		8/23/2001													
		11/6/2001													
		2/5/2002													
		4/16/2002													
		10/11/2002													
		1/23/2003													
		4/22/2003													
		7/22/2003													
		12/9/2003													
		4/22/2004													
		6/29/2004													

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S-K N. Amityville, NY

Well ID	TOC Elev.	Date	Benzene (ug/l)	Toluene (ug/l)	Ethyl-benzene (ug/l)	Xylenes (ug/l)	Chloro-benzene (ug/l)	1,2-DCB (ug/l)	1,3-DCB (ug/l)	1,4-DCB (ug/l)	1,2-DCE (ug/l)	1,1,1-TCA (ug/l)	trans -1,2-DCE (ug/l)	Mineral Spirits (ug/l)	Total VOCs (ug/l)
GW STND			1	5	5	5	5	3	3	3	5	5	5	50	
		10/4/2004													
		12/28/2004													
		3/24/2005													
		9/20/2005	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0
		12/13/2005	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0
		3/15/2006	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		6/22/2006	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		9/26/2006	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		12/19/2006	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		3/27/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		6/26/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		9/20/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		12/20/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		3/27/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		6/19/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		9/25/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		12/18/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		3/12/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		6/17/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		9/22/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
GT-5		3/14/1994	ND	ND	ND	ND	ND	ND	ND	ND	**27**	ND		NS	27
		2/9/1996	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND	0
		5/28/1996	ND	ND	ND	ND	ND	ND	ND	ND	**18**	ND		ND	18
SPLIT		5/28/1996	ND	ND	ND	ND	ND	ND	ND	ND	**27**	ND		ND	27
		8/22/1996	ND	ND	ND	ND	ND	ND	ND	ND	**83**	ND		ND	83
DUPE		8/22/1996	ND	ND	ND	ND	ND	ND	ND	ND	**112**	ND	ND	ND	112
		12/2/1996	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND	0
		12/2/1996	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0
		2/27/1997	ND	ND	ND	ND	ND	ND	ND	ND	**33**	ND	**33**	ND	33
DUPE		2/27/1997	ND	ND	ND	ND	ND	ND	ND	ND	**28**	ND	**28**	ND	28
		5/28/1997	ND	ND	ND	ND	ND	ND	ND	ND	**11**	ND	**11**	ND	11
		9/9/1997	ND	ND	ND	ND	ND	ND	ND	ND	**38**	ND	**38**	ND	38
		12/18/1997	ND	ND	ND	ND	ND	ND	ND	ND	2	ND	ND	ND	2
		6/25/1998	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0
		10/13/1998	ND	ND	ND	ND	ND	**8**	ND	ND	**5**	ND	**5**	ND	13
		12/4/1998	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0
		6/16/1999	ND	ND	ND	ND	ND	ND	ND	ND	**15**	ND	ND	ND	15
		9/30/1999	ND	ND	**5**	ND	**17**	**13**	ND	ND	**13**	ND	ND	ND	49
		12/22/1999	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0
DUPE		12/22/1999	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0

Table 3
Historic Groundwater Chemical Data Summary (Through 9/09)
S-K N. Amityville, NY

Well ID	TOC Elev.	Date	Benzene (ug/l)	Toluene (ug/l)	Ethyl-benzene (ug/l)	Xylenes (ug/l)	Chloro-benzene (ug/l)	1,2-DCB (ug/l)	1,3-DCB (ug/l)	1,4-DCB (ug/l)	1,2-DCE (ug/l)	1,1,1-TCA (ug/l)	trans -1,2-DCE (ug/l)	Mineral Spirits (ug/l)	Total VOCs (ug/l)
GW STND			1	5	5	5	5	3	3	3	5	5	5	50	
		3/15/2000	ND	ND	ND	ND	ND	ND	ND	ND	**9**	ND	ND	ND	9
DUPE		3/15/2000	ND	ND	ND	ND	ND	ND	ND	ND	**11**	ND	ND	ND	11
		6/28/2000	ND	ND	ND	ND	ND	**18**	ND	ND	ND	ND	ND	ND	0
DUPE		6/28/2000	ND	ND	ND	ND	ND	**16**	ND	ND	ND	ND	ND	ND	0
		9/20/2000	ND	ND	ND	ND	**11**	**14**	ND	ND	ND	ND	ND	ND	0
DUPE		9/20/2000	ND	ND	ND	ND	**7**	**10**	ND	ND	ND	ND	ND	ND	17
		12/20/2000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0
DUPE		12/20/2000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0
		3/15/2001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0
DUPE		3/15/2001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0
m malf.		8/23/2001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0
DUPE		8/23/2001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0
		11/6/2001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0
DRY		2/5/2002													
DRY		4/16/2002													
DRY		10/11/2002													
		1/23/2003	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0
		4/22/2003													
		7/22/2003	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0
		12/9/2003	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0
		3/25/2004	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0
		6/29/2004	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0
		10/4/2004	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0
		12/28/2004	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0
		3/24/2005	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0
		7/6/2005	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0
		9/20/2005	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0
DUPE		9/20/2005	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0
		12/13/2005	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0
		3/15/2006	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0
DUPE		3/15/2006	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0
		6/22/2006	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0
		9/26/2006	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0
		12/19/2006	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0
		3/27/2007	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0
		6/26/2007	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0
		9/20/2007	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0
		12/20/2007	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0
		3/27/2008	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0
		6/19/2008	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0

Table 3
Historic Groundwater Chemical Data Summary (Through 9/09)
S-K N. Amityville, NY

Well ID / GW STND	TOC Elev. / Date	Benzene (ug/l) 1	Toluene (ug/l) 5	Ethyl-benzene (ug/l) 5	Xylenes (ug/l) 5	Chloro-benzene (ug/l) 5	1,2-DCB (ug/l) 3	1,3-DCB (ug/l) 3	1,4-DCB (ug/l) 3	1,2-DCE (ug/l) 5	1,1,1-TCA (ug/l) 5	trans -1,2-DCE (ug/l) 5	Mineral Spirits (ug/l) 50	Total VOCs (ug/l)
	9/25/2008	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0
	12/18/2008	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0
	3/12/2009	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0
	6/17/2009	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0
	9/22/2009	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0
DW-1	7/22/2003	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0
	12/9/2003	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0
	3/25/2004	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0
	6/29/2004	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0
	10/4/2004	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0
	12/28/2004	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0
	3/24/2005	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0
	7/6/2005	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0
	9/20/2005	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**370**	0
	12/13/2005	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0
DUPE	12/13/2005	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0
	3/15/2006	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0
	6/22/2006	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0
	9/26/2006	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0
	12/19/2006	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0
	3/27/2007	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0
	6/26/2007	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0
	9/20/2007	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0
	12/20/2007	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0
	3/27/2008	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0
	6/19/2008	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0
	9/25/2008	dry - N/S			DRY									
	12/18/2008	Dry - Soil sample and duplicate collected. ND for all parameters												
	3/12/2009	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0
	6/17/2009	Dry - Soil sample & duplicate collected. ND for all parameters												
	9/22/2009	Dry - Soil sample & duplicate collected. ND for all parameters												
VE-5	12/28/2004	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0
	3/24/2005	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0
	7/6/2005	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0
	9/20/2005	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0
	12/13/2005	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0
	3/15/2006	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0
	6/22/2006	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0
	9/26/2006	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0
	12/19/2006	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0

Table 3
Historic Groundwater Chemical Data Summary (Through 9/09)
S-K N. Amityville, NY

Well ID	TOC Elev.	Date	Benzene (ug/l)	Toluene (ug/l)	Ethyl-benzene (ug/l)	Xylenes (ug/l)	Chloro-benzene (ug/l)	1,2-DCB (ug/l)	1,3-DCB (ug/l)	1,4-DCB (ug/l)	1,2-DCE (ug/l)	1,1,1-TCA (ug/l)	trans -1,2-DCE (ug/l)	Mineral Spirits (ug/l)	Total VOCs (ug/l)	
GW STND			1	5	5	5	5	3	3	3	5	5	5	50		
		3/27/2007	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	
		6/26/2007	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	
		9/20/2007	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	
		12/20/2007	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	
		3/27/2008	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**60**	0	
		6/19/2008	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	
		9/25/2008	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	
		12/18/2008	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	
		3/12/2009	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	
		6/17/2009	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	
		9/22/2009	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	
VE-1		3/30/2005	ND	ND	ND	ND	ND		ND	**64**	ND	ND	ND	**2900**	164	
		7/6/2005	ND	ND	ND	5	ND	**41**	**7**	**27**	ND	ND	ND	**5600**	80	A
dry		9/20/2005														
		12/13/2005	ND	ND	ND	**18**	ND	**97**	**72**	**71**	ND	ND	ND	**24000**	258	
		3/15/2006	ND	ND	ND	**19J1M**	ND	**98J1M**	**83J1M**	**83J1M**	ND	ND	***6-cis 1,2 DCE***	**39000**	289	
		6/22/2006	ND	ND	ND	**9**	ND	**57**	ND	**61**	ND	ND	ND	**17000**	127	
		9/26/2006	ND	ND	ND	ND	ND	**18**	**8**	**26**	ND	ND	ND	**8600**	52	
		dup	ND	ND	ND	ND	ND	**21**	**5**	**20**	ND	ND	ND	**3900**	46	
		12/19/2006	ND	ND	ND	ND	ND	**37**	**12**	**45**	ND	ND	ND	**27000**	94	
		3/27/2007	ND	ND	ND	ND	ND	**21**	**9**	**31**	ND	ND	ND	**34000**	61	
		6/26/2007	ND	ND	ND	ND	ND	**27**	**13**	**40**	ND	ND	ND	**30000**	80	
		9/20/2007	ND	ND	ND	ND	ND	**6**	**4**	**12**	ND	ND	ND	**9500**	22	
		12/20/2007	ND	ND	ND	ND	ND	**9**	**7**	**19**	ND	ND	ND	**33000**	35	
		3/27/2008	ND	ND	ND	ND	ND	**9**	**7**	**18**	ND	ND	ND	**430**	78 [1]	
		6/19/2008	ND	ND	ND	ND	ND	**6**	**5**	**12**	ND	ND	ND	**21000**	23	
		9/25/2008	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**23000**	0	
		12/18/2008	ND	ND	ND	ND	ND	ND	ND	**7.2**	ND	ND	ND	**15000**	**20.2**	
		3/12/2009	ND	ND	ND	ND	ND	ND	ND	**3.9**	ND	ND	ND	**8000**	**3.9**	
		Note: 13 ppb of isopropylbenzene was also detected. This parameter total is inlcuded in the Total VOCs column.														
		6/17/2009	ND	ND	ND	ND	ND	ND	ND	**6.0**	ND	ND	ND	**23000**	6	
		9/22/2009	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**8400**	0	

Table 3
Historic Groundwater Chemical Data Summary (Through 9/09)
S-K N. Amityville, NY

Well ID	TOC Elev.	Date	Benzene (ug/l)	Toluene (ug/l)	Ethyl-benzene (ug/l)	Xylenes (ug/l)	Chloro-benzene (ug/l)	1,2-DCB (ug/l)	1,3-DCB (ug/l)	1,4-DCB (ug/l)	1,2-DCE (ug/l)	1,1,1-TCA (ug/l)	trans -1,2-DCE (ug/l)	Mineral Spirits (ug/l)	Total VOCs (ug/l)
GW STND			1	5	5	5	5	3	3	3	5	5	5	50	

Key

Notes	Target Compound Abbreiviations
BDL = Not detected above the method detection limit	1,2-DCB = 1,2-Dichlorobenzene
ND = Not Detected (reported in micrograms per liter (ug/l)	1,3-DCB = 1,3-Dichlorobenzene
NS = Not Sampled	1,4-DCB = 1,4-Dichlorobenzene
NA = Not Applicable	1,2-DCE = 1,2-Dichloroethene
TOC = Top of Casing (measured in feet above MSL)	1,1,1-TCA = 1,1,1-Trichloroethane
DO = Dissolved Oxygen (reported in milligrams per liter (mg/l)	
J1M = Lab estimated concentration	
Number that is in BOLD exceeds th New York State Class GA Grou	Trans-1,2-DCE = Trans-1,2-Dichloroethene
GW Standards for Class GA groundwater (NYSDEC TOGS 1.1.1, 10/22/93, Rev. 6/98)	

Notes:

1. Tetrachloroethane was detected at a concentration of 5.7 and 6.3 ug/L in sample GT-1 and X-2, respectively.

Table 4
Groundwater Monitoring Results Summary - Test America, Inc. Start
Safety-Kleen Systems, Inc. - Corrective Action Program
N. Amityville, New York Facility

(Recorded At/Above the T.O.G.S. 1.1.1 Standards or Project-Specific Reporting Limits)

(See Laboratory Report for all Compounds Detected Above the Method Detection Limit)

(Project Laboratory as of 12/2009 - Test America, Inc.)

Monitoring Location	Sample Date	Detected Compound	Acetone	Benzene	Toluene	Ethyl-benzene	Xylenes	PCE	Chloro-benzene	1,2-DCB	1,3-DCB	1,4-DCB	1,2-DCE	1,1,1-TCA	trans -1,2-DCE	Mineral Spirit RO	Total VOCs
		Units	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)
		TOGS-STD->	50	1	5	5	5	5	5	3	3	3	5	5	5	50	n/a
GT-1	12/30/2009	Sample														1,300	
		Duplicate (X-2)														1,300	
	2/2/2010	Sample														1,000	
		Duplicate (X-2)														1,100	
	3/24/2010	Sample										3.5 & 4.1				6,400	3.5 & 4.1
		Duplicate (X-2)										3.5 & 4.2				4,500	3.5 & 4.2
	6/22/2010	Sample														3,000	
		Duplicate (X-2)														2,400	
	9/22/2010	Sample								4.9		10.0				18,000	14.9
		Duplicate (X-2)								4.9		11.0				16,000	15.9
	12/15/2010	Sample								9.1	5.2	21.0				12,000	35.3
		Duplicate (X-2)								9.1	5.1	20.0				39,000	34.2
	3/24/2011	Sample								6.8	4.0	15.0				18,000	25.8
		Duplicate (X-2)								6.9	4.1	15.0				24,000	26
GT-2	12/30/2009																
	2/2/2010															67	
	3/24/2010																
	6/22/2010																
	9/22/2010																
	12/15/2010																
	3/24/2011																

Monitoring Location	Sample Date	Detected Compound	Acetone	Benzene	Toluene	Ethyl-benzene	Xylenes	PCE	Chloro-benzene	1,2-DCB	1,3-DCB	1,4-DCB	1,2-DCE	1,1,1-TCA	trans -1,2-DCE	Mineral Spirit RO	Total VOCs
		Units	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)
		TOGS-STD->	50	1	5	5	5	5	5	3	3	3	5	5	5	50	n/a
GT-3	12/30/2009																
	2/2/2010																
	3/24/2010																
	6/22/2010																
	9/22/2010																
	12/15/2010																
	3/24/2011																
GT-4	12/30/2009	N/S															
	2/2/2010	N/S															
	3/24/2010	N/S															
	6/22/2010	N/S															
	9/22/2010	N/S															
	12/15/2010	N/S															
	3/24/2011	N/S															

Monitoring Location	Sample Date	Detected Compound	Acetone	Benzene	Toluene	Ethyl-benzene	Xylenes	PCE	Chloro-benzene	1,2-DCB	1,3-DCB	1,4-DCB	1,2-DCE	1,1,1-TCA	trans -1,2-DCE	Mineral Spirit RO	Total VOCs
		Units	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)
		TOGS-STD->	50	1	5	5	5	5	5	3	3	3	5	5	5	50	n/a
GT-5	12/30/2009																
	2/2/2010																
	3/24/2010																
	6/22/2010																
	9/22/2010																
	12/15/2010																
	3/24/2011																
VE-1	12/30/2009															23,000	
	2/2/2010															43,000	
	3/24/2010															5,400	
	6/22/2010															8,100	
	9/22/2010	Dry															
	12/15/2010	Dry															
	3/24/2011															8300	

Monitoring Location	Sample Date	Detected Compound	Acetone	Benzene	Toluene	Ethyl-benzene	Xylenes	PCE	Chloro-benzene	1,2-DCB	1,3-DCB	1,4-DCB	1,2-DCE	1,1,1-TCA	trans -1,2-DCE	Mineral Spirit RO	Total VOCs
		Units	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)
		TOGS-STD->	50	1	5	5	5	5	5	3	3	3	5	5	5	50	n/a
VE-5	12/30/2009															190	
	2/2/2010															390	
	3/24/2010																
	6/22/2010																
	9/22/2010																
	12/15/2010																
	3/24/2011																
VP-A	12/30/2009	Not Accessible															
	2/2/2010															99	
	3/24/2010																
	6/22/2010																
	9/22/2010																
	12/15/2010																
	3/24/2011																
VP-B	12/30/2009															58	
	2/2/2010															66	
	3/24/2010		130 & 110													120	130 & 110
	6/22/2010																
	9/22/2010																
	12/15/2010																
	3/24/2011																

Monitoring Location	Sample Date	Detected Compound	Acetone	Benzene	Toluene	Ethyl-benzene	Xylenes	PCE	Chloro-benzene	1,2-DCB	1,3-DCB	1,4-DCB	1,2-DCE	1,1,1-TCA	trans -1,2-DCE	Mineral Spirit RO	Total VOCs
		Units	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)
		TOGS-STD->	50	1	5	5	5	5	5	3	3	3	5	5	5	50	n/a
DW-1 SOIL	12/30/2009	Sample															
		Duplicate															
	2/2/2010	Sample															
		Duplicate															
	3/24/2010	Sample															
		Duplicate															
	6/22/2010	Sample															
		Duplicate															
	9/22/2010	Sample															
		Duplicate															
	12/15/2010	Sample															
		Duplicate															
DW-1 WTR	12/30/2009	No standing water															
	2/2/2010	No standing water															
	3/24/2010	sampled															
	6/22/2010	No standing water															
	9/22/2010	No standing water															
	12/15/2010	No standing water															
	3/24/2011																

ATTACHMENT 4

LABORATORY ANALYTICAL REPORT

COMPACT DISK DISTRIBUTION

CC LIST Hard Copy Recipients

(Executive Summary Attached Herein)

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 220-15043-1

Job Description: Safety-Kleen N. Amityville, NY

For:
Basile Environmental Solutions, LLC
1188 Hillside Drive
Cortland, NY 3045

Attention: Joseph Basile, Jr., MSc.

Approved for release.
Joan Widomski
Project Manager I
4/8/2011 1:14 PM

Designee for
Jackie Trudell
Project Manager I
jackie.trudell@testamericainc.com
04/08/2011

The test results in this report meet all NELAP requirements unless specified within the case narrative. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this report should be directed to the TestAmerica Project Manager.

TestAmerica Connecticut Certifications and Approvals: CTDOH PH-047, MADEP CT023, RIDOH A43, NYDOH 10602, NY NELAP 10602, NHDES 2528, NJDEP CT410, ME DOH CT023, UT DOH 2032614458

TestAmerica Laboratories, Inc.
TestAmerica Connecticut 128 Long Hill Cross Road, Shelton, CT 06484
Tel (203) 929-8140 Fax (203) 929-8142 www.testamericainc.com

ACCREDITED IN ACCORDANCE WITH nelac

Job Number: 220-15043-1

Job Description: Safety-Kleen N. Amityville, NY

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed within the body of this report. Release of the data contained in this sample data package and in the electronic data deliverable has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Approved for release.
Joan Widomski
Project Manager I
4/8/2011 1:14 PM

Designee for
Jackie Trudell

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Project Specific Reporting Limits – Aqueous Samples

For aqueous samples, please note that the reporting limits listed below may vary for each sample analyzed based on sample volume, and/or sample dilution. The aqueous laboratory reporting limits are based on the New York State Department of Environmental Conservation (NYSDEC) Technical & Operational Guidance Series (TOGS) section 1.1.1 class GA standards, and ASI's previously reported laboratory reporting limits where no TOGS class GA standard exists.

Analyte	Aqueous Project Specific Reporting Limits	Units
Acetone	50	ug/L
Acetonitrile	10	ug/L
Allyl chloride	5	ug/L
Benzene	1	ug/L
Benzyl chloride	10	ug/L
Bromodichloromethane	50	ug/L
Bromoform	5	ug/L
Bromomethane	5	ug/L
2-Butanone (MEK)	50	ug/L
Carbon disulfide	60	ug/L
Carbon tetrachloride	5	ug/L
Chlorobenzene	5	ug/L
Chloroethane	5	ug/L
2-Chloroethyl vinyl ether	20	ug/L
Chloroform	7	ug/L
Chloromethane	5	ug/L
cis-1,2-Dichloroethene	5	ug/L
cis-1,3-Dichloropropene	0.2	ug/L
Dibromochloromethane	50	ug/L
1,2-Dibromo-3-Chloropropane	0.04	ug/L
1,2-Dibromoethane	5	ug/L
Dibromomethane	5	ug/L
1,3-Dichlorobenzene	3	ug/L
1,4-Dichlorobenzene	3	ug/L
1,2-Dichlorobenzene	3	ug/L
Dichlorodifluoromethane	5	ug/L
1,1-Dichloroethane	5	ug/L
1,2-Dichloroethane	0.6	ug/L
1,1-Dichloroethene	5	ug/L
1,2-Dichloroethene, Total	2	ug/L
1,2-Dichloropropane	1	ug/L
Ethylbenzene	5	ug/L
Ethyl methacrylate	5	ug/L
2-Hexanone	50	ug/L
Iodomethane	5	ug/L
Isobutyl alcohol	250	ug/L
Methacrylonitrile	5	ug/L
Methylene Chloride	5	ug/L
Methyl methacrylate	50	ug/L
4-Methyl-2-pentanone (MIBK)	5	ug/L
m&p-Xylene	10	ug/L
o-Xylene	5	ug/L
Styrene	5	ug/L
1,1,1,2-Tetrachloroethane	5	ug/L
1,1,2,2-Tetrachloroethane	5	ug/L
Tetrachloroethene	5	ug/L
Toluene	5	ug/L
trans-1,4-Dichloro-2-butene	5	ug/L
trans-1,2-Dichloroethene	5	ug/L

Analyte	Aqueous Project Specific Reporting Limit	Units
trans-1,3-Dichloropropene	0.2	ug/L
1,1,1-Trichloroethane	5	ug/L
1,1,2-Trichloroethane	1	ug/L
Trichloroethene	5	ug/L
1,2,3-Trichloropropane	0.04	ug/L
Vinyl acetate	5	ug/L
Vinyl chloride	2	ug/L
Xylenes, Total	15	ug/L
Mineral Spirit Range Organics	50	ug/L

Project Specific Reporting Limits – Solid Samples

For solid samples, please note that the reporting limits listed below will vary for each sample analyzed based on sample moisture content, sample volume, and/or sample dilution. The solid laboratory reporting limits are based on the New York State Department of Environmental Conservation (NYSDEC) Subpart 375-6.8(a) Unrestricted Use Soil Cleanup Objectives and TestAmerica Connecticut's laboratory reporting limits where no part 375 cleanup objectives exist.

Analyte	Solid Project Specific Reporting Limits	Units
Acetone	50	ug/Kg
Acetonitrile	50	ug/Kg
Allyl chloride	5	ug/Kg
Benzene	60	ug/Kg
Benzyl chloride	5	ug/Kg
Bromodichloromethane	5	ug/Kg
Bromoform	5	ug/Kg
Bromomethane	5	ug/Kg
2-Butanone (MEK)	120	ug/Kg
Carbon disulfide	5	ug/Kg
Carbon tetrachloride	760	ug/Kg
Chlorobenzene	1100	ug/Kg
Chloroethane	5	ug/Kg
2-Chloroethyl vinyl ether	5	ug/Kg
Chloroform	370	ug/Kg
Chloromethane	5	ug/Kg
cis-1,2-Dichloroethene	250	ug/Kg
cis-1,3-Dichloropropene	5	ug/Kg
Dibromochloromethane	5	ug/Kg
1,2-Dibromo-3-Chloropropane	10	ug/Kg
1,2-Dibromoethane	5	ug/Kg
Dibromomethane	5	ug/Kg
1,3-Dichlorobenzene	2400	ug/Kg
1,4-Dichlorobenzene	1800	ug/Kg
1,2-Dichlorobenzene	1100	ug/Kg
Dichlorodifluoromethane	5	ug/Kg
1,1-Dichloroethane	270	ug/Kg
1,2-Dichloroethane	20	ug/Kg
1,1-Dichloroethene	330	ug/Kg
1,2-Dichloroethene, Total	5	ug/Kg
1,2-Dichloropropane	5	ug/Kg
Ethylbenzene	1000	ug/Kg
Ethyl methacrylate	10	ug/Kg
2-Hexanone	10	ug/Kg
Iodomethane	10	ug/Kg
Isobutyl alcohol	150	ug/Kg
Methacrylonitrile	10	ug/Kg
Methylene Chloride	50	ug/Kg
Methyl methacrylate	10	ug/Kg
4-Methyl-2-pentanone (MIBK)	5	ug/Kg
m&p-Xylene	5	ug/Kg
o-Xylene	5	ug/Kg
Styrene	5	ug/Kg
1,1,1,2-Tetrachloroethane	5	ug/Kg
1,1,2,2-Tetrachloroethane	5	ug/Kg
Tetrachloroethene	1300	ug/Kg
Toluene	700	ug/Kg
trans-1,4-Dichloro-2-butene	10	ug/Kg
trans-1,2-Dichloroethene	190	ug/Kg

Analyte	Solid Project Specific Reporting Limits	Units
trans-1,3-Dichloropropene	5	ug/Kg
1,1,1-Trichloroethane	680	ug/Kg
1,1,2-Trichloroethane	5	ug/Kg
Trichloroethene	470	ug/Kg
1,2,3-Trichloropropane	5	ug/Kg
Vinyl acetate	20	ug/Kg
Vinyl chloride	5	ug/Kg
Xylenes, Total	260	ug/Kg
Mineral Spirit Range Organics	10000	ug/Kg

Comments
No additional comments.

Receipt
Technical and Operational Guidance Series subpart 1.1.1 (The New York State Ambient Water Quality Standards and Guidance Values) references a class GA standard of 0.04 ug/L for 1,2-dibromo-3-Chloropropaneand 1,2,3-Trichloropropane. The laboratory is unable to meet this standard by reporting to their established reporting limit (RL) or method detection limit (MDL). Sample results are evaluated to the MDL, which is the lowest level the instrumentation has been able to detect, which is 0.21 ug/L for 1,2-Dibromo-3-Chloropropane and 0.17 ug/L for 1,2,3-Trichloropropane.

The following QC sample was received at the laboratory without a sample collection time documented on the chain of custody: TRIP BLANK (220-15043-11). As a result, a sample collection time of 12:00am, on the date of collection, has been used.

The following sample(s) was received at the laboratory without a sample collection time documented on the chain of custody: X-2 (220-15043-10). The client was contacted, and the laboratory was instructed to use the same collection time as sample GT-1.

All other samples were received in good condition within temperature requirements.

GC/MS VOA
No analytical or quality issues were noted.

GC VOA
No analytical or quality issues were noted.

VOA Prep
No analytical or quality issues were noted.

FORMULAS FOR NYSDEC SAMPLE CALCULATIONS

Volatiles

(Ax)(IS)(DF)
(AIS)(RRF)(V)(% solids) = C

(AX)(IS)(VT)(1000)(DF)
(AIS)(RRF)(VA)(V)(% solids) = C (for medium level soils)

SemiVolatiles

(AX)(IS)(VE)(DF)(GPC factor is 2 if needed)
(AIS)(RRF)(volume injected)(V)(% solids) = C

Pesticides

(AX)(VE)(DF)
(RRF)(V)(% solids)(volume injected) = C

PCBs for compound/retention time

(AX)(VE)(DF)
(RRF of compound at the stated retention time)(V)(% solids)(volume injected) = C

DRO/CTETPH

(AX)(VE)(DF)
(RRF)(V)(% solids)(volume injected) = C

AX = area of the target Ion
AIS = Area of Internal standard
C = concentration as ug/L or ug/Kg
DF = dilution
IS = Internal standard concentration (ng)
RRF = average RF (from initial cal except CLP methods from continuing cal)
V = sample volume for liquids in mls or sample weight for solids in grams
VA = volume of aliquot for medium level soils
VE = volume of concentrated extract
VT = volume of methanol for volatile medium level soils

SAMPLE SUMMARY

Client: Basile Environmental Solutions, LLC Job Number: 220-15043-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
220-15043-1	GT-1	Water	03/24/2011 1000	03/25/2011 1330
220-15043-2	GT-2	Water	03/24/2011 0930	03/25/2011 1330
220-15043-3	GT-3	Water	03/24/2011 0900	03/25/2011 1330
220-15043-4	GT-5	Water	03/24/2011 0815	03/25/2011 1330
220-15043-5	VP-A	Water	03/24/2011 1050	03/25/2011 1330
220-15043-6	VP-B	Water	03/24/2011 1115	03/25/2011 1330
220-15043-7	DW-1 (SURFACE WATER)	Water	03/24/2011 1030	03/25/2011 1330
220-15043-8	VE-1	Water	03/24/2011 1145	03/25/2011 1330
220-15043-9	VE-5	Water	03/24/2011 1215	03/25/2011 1330
220-15043-10	X-2	Water	03/24/2011 1000	03/25/2011 1330
220-15043-11TB	TRIP BLANK	Water	03/24/2011 0000	03/25/2011 1330

EXECUTIVE SUMMARY - Detections

Client: Basile Environmental Solutions, LLC Job Number: 220-15043-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
220-15043-1	**GT-1**					
Acetone		4.1	J	50	ug/L	8260B
cis-1,2-Dichloroethene		0.25	J	5.0	ug/L	8260B
1,2-Dichlorobenzene		6.8		3.0	ug/L	8260B
1,3-Dichlorobenzene		4.0		3.0	ug/L	8260B
1,4-Dichlorobenzene		15		3.0	ug/L	8260B
1,2-Dichloroethene, Total		0.25	J	2.0	ug/L	8260B
Methylene Chloride		0.11	J B	5.0	ug/L	8260B
m&p-Xylene		0.37	J	10	ug/L	8260B
o-Xylene		0.28	J	5.0	ug/L	8260B
Tetrachloroethene		0.74	J	5.0	ug/L	8260B
Xylenes, Total		0.65	J	15	ug/L	8260B
Mineral Spirit Range Organics		18000		2500	ug/L	8015B
220-15043-2	**GT-2**					
Acetone		1.6	J	50	ug/L	8260B
Tetrachloroethene		1.2	J	5.0	ug/L	8260B
220-15043-3	**GT-3**					
Acetone		0.84	J	50	ug/L	8260B
Methylene Chloride		0.12	J B	5.0	ug/L	8260B
220-15043-4	**GT-5**					
Acetone		1.1	J	50	ug/L	8260B
Methylene Chloride		0.12	J B	5.0	ug/L	8260B
220-15043-5	**VP-A**					
Acetone		1.4	J	50	ug/L	8260B
Tetrachloroethene		0.52	J	5.0	ug/L	8260B
220-15043-6	**VP-B**					
Acetone		1.6	J	50	ug/L	8260B
Methylene Chloride		0.10	J B	5.0	ug/L	8260B
Tetrachloroethene		0.33	J	5.0	ug/L	8260B
220-15043-7	**DW-1 (SURFACE WATER)**					
Acetone		5.8	J	50	ug/L	8260B

EXECUTIVE SUMMARY - Detections

Client: Basile Environmental Solutions, LLC Job Number: 220-15043-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
220-15043-8	**VE-1**					
Acetone		1.8	J	50	ug/L	8260B
Methylene Chloride		0.10	J B	5.0	ug/L	8260B
Tetrachloroethene		0.72	J	5.0	ug/L	8260B
Mineral Spirit Range Organics		8300		1000	ug/L	8015B
220-15043-9	**VE-5**					
Acetone		1.6	J	50	ug/L	8260B
Methylene Chloride		0.14	J B	5.0	ug/L	8260B
Tetrachloroethene		0.22	J	5.0	ug/L	8260B
220-15043-10	**X-2**					
Acetone		3.2	J	50	ug/L	8260B
1,2-Dichlorobenzene		6.9		3.0	ug/L	8260B
1,3-Dichlorobenzene		4.1		3.0	ug/L	8260B
1,4-Dichlorobenzene		15		3.0	ug/L	8260B
m&p-Xylene		0.40	J	10	ug/L	8260B
o-Xylene		0.31	J	5.0	ug/L	8260B
Tetrachloroethene		0.92	J	5.0	ug/L	8260B
Xylenes, Total		0.71	J	15	ug/L	8260B
Mineral Spirit Range Organics		24000		5000	ug/L	8015B
220-15043-11TB	**TRIP BLANK**					
Acetone		0.97	J	50	ug/L	8260B
Methylene Chloride		1.6	J B	5.0	ug/L	8260B