STEPHEN D. FLEMING, PE, CHMM
SENIOR REMEDIATION MANAGER

January 20, 2012

Transmitted: PDF File Transmission 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
Remedial Section B – Remedial Bureau E
625 Broadway
Albany, NY 12233-7017

SUBJECT: Groundwater Monitoring Report
4th Quarter 2011 (Report 4 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 December 16, 2011.

The samples were sent to Test America, Inc. (TA). TA holds NY NELAP and NYDOH laboratory certifications.

A recent consolidation of TA functions, necessitated that TA use another network laboratory to perform analytical services for the volatile organic compounds (VOCs) for all Safety-Kleen NY sites. In specific, TA's New Jersey laboratory is now performing both the Mineral Spirit Range Organics (MSRO) analyses as well as the VOCs.

An e-mail notification was sent to the Department on December 22, 2011 regarding this change, and a request for removal of certain (non) target compounds for which the NJ TA lab does not hold NYDOH laboratory certification for, or can only report as a "TIC". Those compounds are noted in the laboratory report.

No other changes in the target compound list, nor the detection or reporting limits, or laboratory report format has been altered.

1.0 QUARTERLY GROUNDWATER SAMPLING WORK SCOPE

The following scope of work was performed at the 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 measurement;
- Collection of groundwater samples from site monitoring points, and a soil sample from one drywell;
- Packing (on ice) and delivery of the sample set to a TA Sample Collection Location via hand carry.

4120 Thunderbird Lane, Fairfield, OH 45014
513/275-3960 E-Mail: SFLEMING@SAFETY-KLEEN.COM

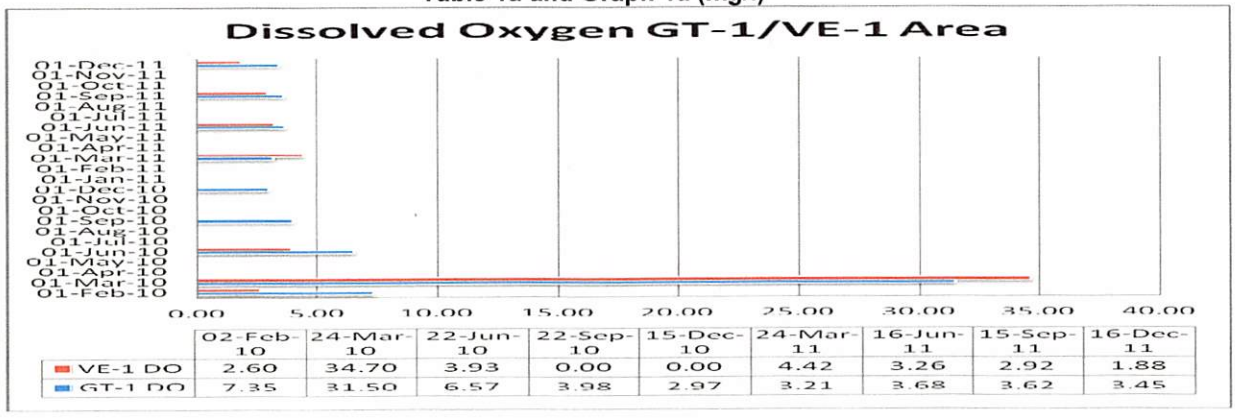
1.1 Monitoring Point Field Parameter Collection & Summary

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 was present in VE-1, however DW-1 was dry. Temperature, pH, conductivity, dissolved oxygen, redox potential, visual turbidity and dissolved ozone were recorded. The Field Log Sampling Summary Form is included as **Attachment 1.**

Depth-to-water varied seasonally, and ranged from 14.73 feet (GT-4) to 16.68 (GT-5) feet below grade. A decrease in the water table position compared to last quarter, by approximately 0.40 feet, was also noted. **Attachment 2, Groundwater Contour Map** depicts the flow conditions for the sampling event. Direction of groundwater flow was generally consistent with historic trends; south-southeasterly. This quarter's average gradient was again, measured at 0.17 %.

The DO concentrations from February 2010 through December 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 in the GT-1/VE-1 area reported lower this quarter.

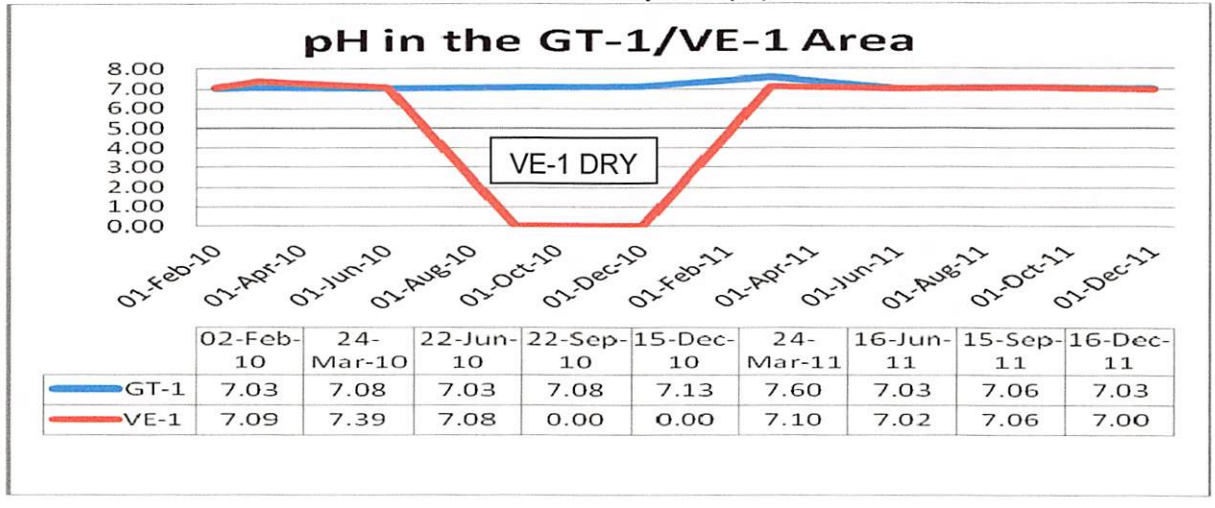
Table 1a and Graph 1a (mg/l)



	02-Feb-10	24-Mar-10	22-Jun-10	22-Sep-10	15-Dec-10	24-Mar-11	16-Jun-11	15-Sep-11	16-Dec-11
VE-1 DO	2.60	34.70	3.93	0.00	0.00	4.42	3.26	2.92	1.88
GT-1 DO	7.35	31.50	6.57	3.98	2.97	3.21	3.68	3.62	3.45

The average groundwater pH varied when compared to the previous event. Generally, the pH was near neutral, with the exception being VP-B (7.56). 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)



	02-Feb-10	24-Mar-10	22-Jun-10	22-Sep-10	15-Dec-10	24-Mar-11	16-Jun-11	15-Sep-11	16-Dec-11
GT-1	7.03	7.08	7.03	7.08	7.13	7.60	7.03	7.06	7.03
VE-1	7.09	7.39	7.08	0.00	0.00	7.10	7.02	7.06	7.00

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-1.

Samples were kept cool during transport to the laboratory drop off location, 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 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 not contain standing water, therefore a soil sample was collected. A stainless steel hand auger was used to collect a core from approximately six (6) inches to one (1) foot into the base of the drywell bottom. Encore(r) tubes were used to retain and preserve the samples. QA/QC samples were for MS/MSD were also collected and sent to the laboratory for analysis. A duplicate was not collected.

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** (on CD, executive summary in print).

VOCS: Select target VOCs were detected above the method detection limits (EPA Method 8260B) in monitoring points GT-1, GT-2, VE-1, VE-5, VP-A, VP-B and DW-1. Only 1,4 dichlorobenzene (5.6 and 4.0 ppb respectively) at GT-1, was above the regulatory values (3 ppb). The duplicate sample, X-1 showed similar results.

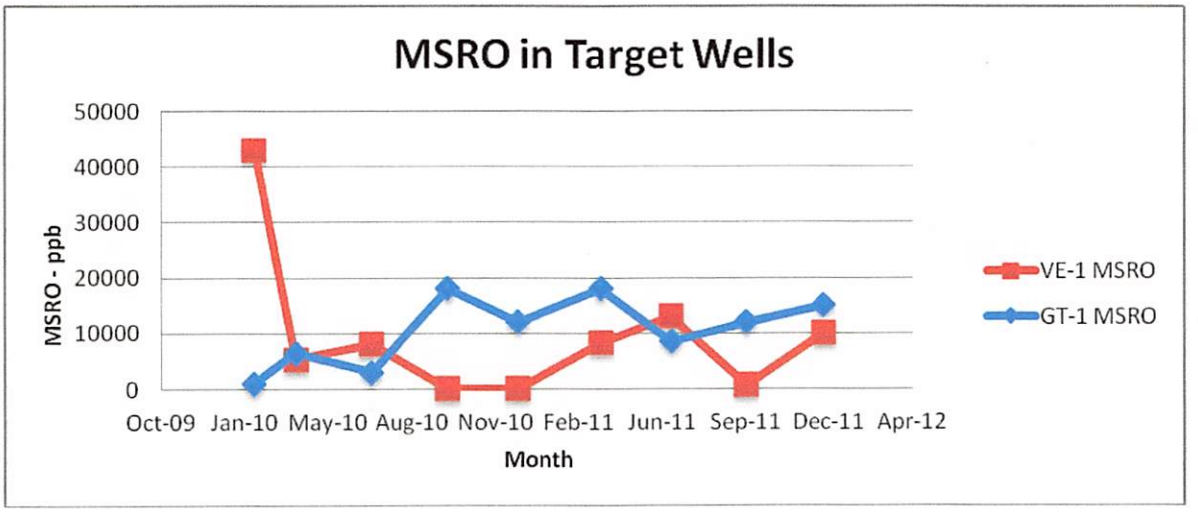
Please note groundwater samples from monitoring points VE-5, VP-A and VP-B have not reported target VOCs at concentrations above the requisite regulatory/site-specific limits for seven consecutive quarters.

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 September 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-1, at concentrations of 15,000 ppb and 7,400 ppb respectively. Further MSRO was also reported in VE-1 at 10,000 ppb.

The following graph (**Graph 1C**) notes the changes in concentration of MSRO in the GT-1/VE-1 area. Concentrations were higher in the sample for GT-1 and VE-1 this quarter, than reported for Q3, but lower in the duplicate for GT-1. MSRO has not been detected at monitoring locations VE-5, VP-A nor VP-B for the last seven quarters.

Graph 1C (ppb)



4.0 SUMMARY

1. Groundwater elevations were lower than recorded last quarter by approximately 0.40 feet. This is expected with the seasonal variation (lower) during the winter. The direction and magnitude of groundwater flow was similar to historic trends.

2. The concentration of dissolved oxygen was generally lower in site wells, when compared to last quarter, with the exceptions being monitoring points VE-1 and GT-2.

3. Target VOCs were detected in various monitoring points above the MDLs but below the regulatory reporting limits with one exception; 1,4 dichlorobenzene was detected in GT-1 at 5.6 ppb (duplicate - 4.0 ppb). The regulatory value is 3 ppb.

4. Mineral spirit range organics (MSRO) were only detected at GT-1 (15,000 ppb) and VE-1 (10,000 ppb). The GT-1 results are higher in the sample (lower in the duplicate - 7,400 ppb), than reported during the previous quarter, and remain above the GWQS for mineral spirits. VE-1 results were also higher than previously recorded last quarter but concentrations detected follow historic values.

5. Neither VOCs nor MSRO have been detected at monitoring locations VP-A and VP-B for seven consecutive quarters. The remediation in the area of CSA-03A appears, based on this data, was effective at reducing VOCs and MSRO to concentrations below the reporting limits. The same trend is also reflected at monitoring point VE-5.

5.0 RECOMMENDATIONS

1. Implement another injection and vapor extraction program as approved by the NYSDEC in the area of GT-1/VE-1. Internal funding for this program is underway. We expect to implement this program during 2012. A work plan and time line will be provided to the NYSDEC as previously requested.

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

3. Reduce the sampling frequency at VE-5, VP-A and VP-B to annual. The data shows that target VOCs and MSRO have not been detected for seven quarters.

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)
K. (Katy) Murphy, NYSDEC Region 1, Stony Brook, NY	(hard copy – 1st Class Mail) – no table 3
J. Reidy, USEPA Region II, New York, NY	(hard copy – 1st Class Mail)
T. Cowans, Safety-Kleen – N. Amityville, NY	(hard copy – 1st Class Mail, E-copy)
Branch General Manager, Safety-Kleen – N. Amityville, NY	(electronic copy)
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 North Amityville, New York	DATE	December 16, 2011
		Weather	mostly sunny, cooler & very windy

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.)	16.40	16.33	15.37	14.73	Dry	16.68	15.90	16.51	17.79	16.30
Water Column Height (ft.)	9.60	11.07	12.11	11.45		4.52	3.74	10.97	9.71	6.70
Volume Purged (gal)	4.5	5.0	6.0	5.0	NA	2.0	1.0	0.5	5.0	3.0
Purging Method	bailer	bailer	bailer	bailer		bailer	bailer		bailer	bailer
Sampling Time	09:50	09:15	08:40		12:15	08:15	11:20	11:40	11:00	10:30
Sample date	12-16	12-16	12-16	12-16	12-16	12-16	12-16	12-16	12-16	12-16
GW Visual Observations										
color	clear	lt brown	clear	brown/rust	Dry	clear	brown	grey	brown	brown
sheen	very sligh	no	no	no		no	no	very slight	no	no
odor	slight	no	no	no		no	no	slight	no	no
Field Parameters										
Temperature (C)	16.0	15.1	16.0	16.8	Dry	15.7	14.6	14.2	16.6	16.3
pH	7.03	7.10	7.06	7.13		7.09	7.08	7.00	7.06	7.56
Conductivity in uS	186	476	189	177		173	220	181	233	171
Dissolved Oxygen (mg/L)	3.45	3.05	4.95	3.58		5.20	3.85	1.88	5.88	4.99
ORP (Eh (Mv))	-55	-105	-42	10		10	25	-104	15	-30
Turbidity (visual / NTU)	low	low	low	high		low	high	med	med	high
Ozone (mg/l)	0.0	0.0	0.0	over range		0.0	over range	0.0	0.0	over range

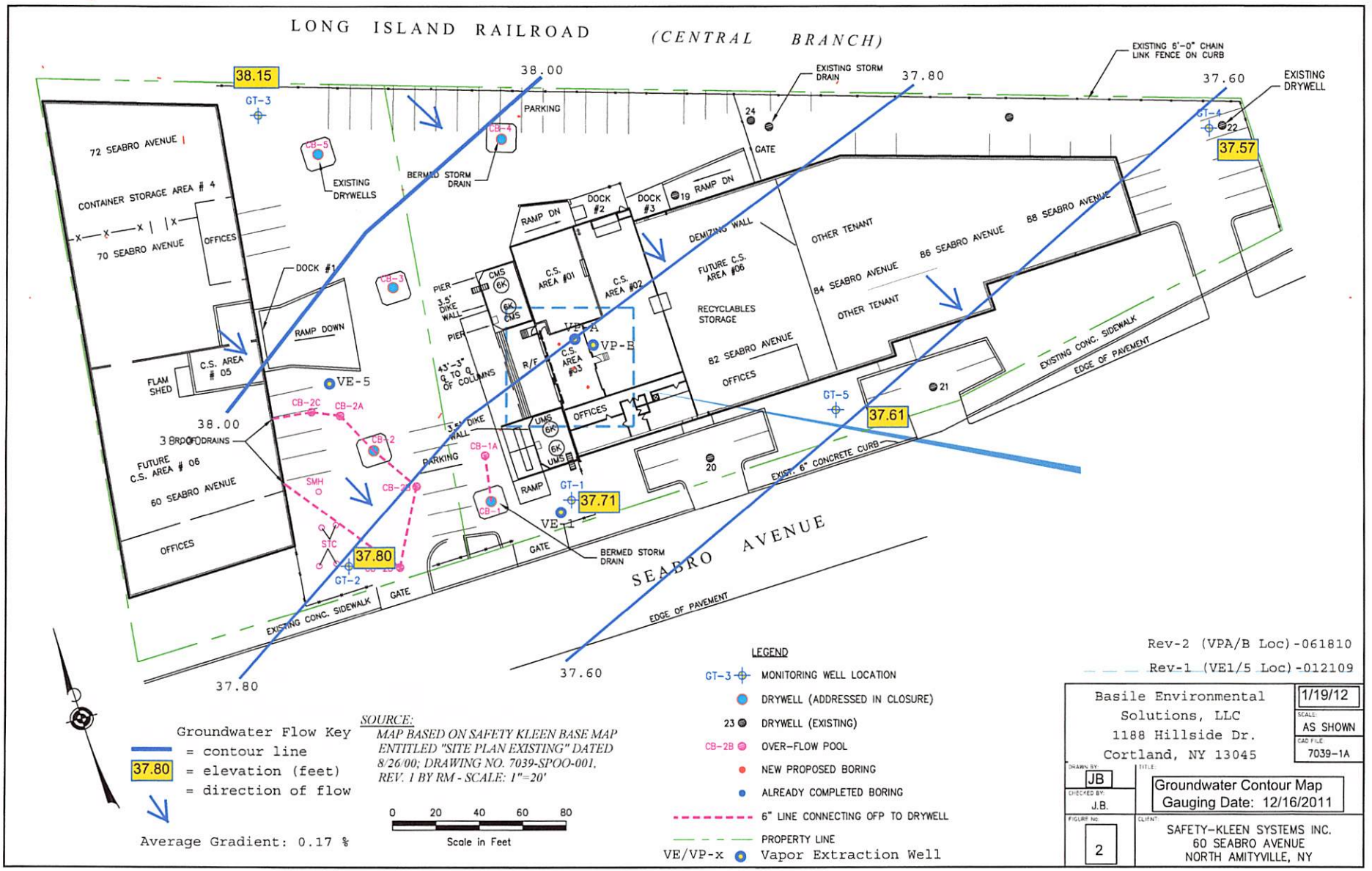
Comments

Duplicate on GT-1 (X-1)

DW-1 was dry, Soil sample collected only

ATTACHMENT 2

Groundwater Contour Map



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

Average Gradient: 0.17 %

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	1/19/12
	SCALE: AS SHOWN
	CAD FILE: 7039-1A
DRAWN BY: JB	TITLE: Groundwater Contour Map Gauging Date: 12/16/2011
CHECKED BY: J.B.	
FIGURE NO: 2	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

Date: 9/15/2011

Map Scale Conversion:

inch	to feet	
1.00	40.00	40.00

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) DBW = difference in head b/w monitoring points (ft)	DF hi = (hi x Delta h) / DBW

Site Gradient Calculation

Upgradient Elevation (ft)	Down Gradient Elevation (ft)	Delta H (ft)	Dist. b/w U/D (ft)	Gradient in ft/ft
38.15	37.71	0.44	230.99	0.19%
38.15	37.80	0.35	213.92	0.16%
38.15	37.57	0.58	442.87	0.13%
38.15	37.61	0.54	302.00	0.18%
			Average:	0.17%

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	38.15	37.57	0.58	442.87

Elevations to Plot	Delta from hi (ft)	Distance from hi (ft)	No. cms
38.00	0.15	114.5	2.9
37.80	0.35	267.2	6.7
37.60	0.55	420.0	10.5
37.50	0.65	496.3	12.4
37.40	0.75	572.7	14.3

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	38.15	37.80	0.35	213.92

Elevations to Plot	Delta from hi (ft)	Distance from hi (ft)	No. cms
38.00	0.15	91.7	2.3
37.80	0.35	213.9	5.3
37.60	0.55	336.2	8.4
37.50	0.65	397.3	9.9
37.40	0.75	458.4	11.5

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-1	38.15	37.71	0.44	230.99

Elevations to Plot	Delta from hi (ft)	Distance from hi (ft)	No. cms
38.00	0.15	78.7	2.0
37.80	0.35	183.7	4.6
37.60	0.55	288.7	7.2
37.50	0.65	341.2	8.5
37.40	0.75	393.7	9.8

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	38.15	37.61	0.54	302.00

Elevations to Plot	Delta from hi (ft)	Distance from hi (ft)	No. cms
38.00	0.17	95.1	2.4
37.80	0.27	151.0	3.8
37.60	0.37	206.9	5.2
37.50	0.47	262.9	6.6
37.40	0.57	318.8	8.0

Monitoring Point Elevation Data

Monitoring Point		Elevation (ft)
GT-1		37.71
GT-2		37.80
GT-3		38.15
GT-4		37.57
GT-5		37.61

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 °C	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
16-Jun-11	17.01	37.10	14.7	7.03	259	3.68	20	0.02
15-Sep-11	15.88	38.23	19.0	7.06	197	3.62	-62	0.00
16-Dec-11	16.40	37.71	16.0	7.03	186	3.45	-55	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
16-Jun-11	16.90	37.23	16.0	7.02	667	3.36	-30	0.00
15-Sep-11	15.77	38.36	19.0	7.06	644	2.92	-141	0.00
16-Dec-11	16.33	37.80	15.1	7.10	476	3.05	-105	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
16-Jun-11	16.00	37.52	14.0	7.44	226	7.85	21	0.00
15-Sep-11	14.85	38.67	19.0	7.02	158	6.99	-37	0.00
16-Dec-11	15.37	38.15	16.0	7.06	189	4.95	-42	0.00

GT-4	PARAMETER							
Sampling Date	Depth to Water (ft)	Groundwater Elevation (ft)	Temperature °C	pH	Cond.	D.O.	Eh	Ozone
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
16-Jun-11	15.42	36.88	13.5	7.03	130	3.50	30	0
15-Sep-11	14.31	37.99	17.0	7.32	154	3.85	15	0
16-Dec-11	14.73	37.57	16.8	7.13	177	3.58	10	Out of Range

GT-5	PARAMETER							
Sampling Date	Depth to Water (ft)	Groundwater Elevation (ft)	Temperature °C	pH	Cond.	D.O.	Eh	Ozone
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
16-Jun-11	17.33	36.96	15.0	7.05	236	4.00	-10	0.00
15-Sep-11	16.23	38.06	17.0	7.38	142	6.95	6	0.00
16-Dec-11	16.68	37.61	15.7	7.09	173	5.20	10	0.00

VE-1	PARAMETER						
Sampling Date	Depth to Water (ft)	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
16-Jun-11	17.13	16.8	7.02	251	3.26	-15	0.00
15-Sep-11	16.00	19.5	7.09	184	1.61	-122	0.00
16-Dec-11	16.51	14.2	7.00	181	1.88	-104	0.00

VE-5	PARAMETER						
Sampling Date	Depth to Water (ft)	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
16-Jun-11	16.50	15.8	7.04	255	6.15	7	over range
14-Sep-11	15.38	18.0	7.04	184	4.70	37	0
16-Dec-11	15.90	14.6	7.08	220	3.85	25	over range

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
16-Jun-11	8.58		22.0	7.09	67	5.60	45	0.00
15-Sep-11	DRY	soil sample coll.						
16-Dec-11	DRY	soil sample coll.						

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
16-Jun-11	18.40		13.8	7.57	318	8.30	-12	0
15-Sep-11	17.30		18.0	7.07	90	7.30	28	0
16-Dec-11	17.79		16.6	7.06	233	5.88	15	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
16-Jun-11	16.92		14.0	7.02	161	8.39	-19	over range
15-Sep-11	15.81		17.5	7.30	96	7.40	-27	0
16-Dec-11	16.30		16.3	7.56	171	4.99	-30	over range

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

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	
		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

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	
		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													

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	
		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 GW STND	TOC ɐv. ı 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)
	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	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	
		9/25/2008	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
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

A

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-1)														1,300	
	2/2/2010	Sample														1,000	
		Duplicate (X-1)														1,100	
	3/24/2010	Sample										3.5 & 4.1				6,400	3.5 & 4.1
		Duplicate (X-1)										3.5 & 4.2				4,500	3.5 & 4.2
	6/22/2010	Sample														3,000	
		Duplicate (X-1)														2,400	
	9/22/2010	Sample								4.9		10.0				18,000	14.9
		Duplicate (X-1)								4.9		11.0				16,000	15.9
	12/15/2010	Sample								9.1	5.2	21.0				12,000	35.3
		Duplicate (X-1)								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-1)								6.9	4.1	15.0				24,000	26
	6/16/2011	Sample										6.5				8,500	6.5
		Duplicate (X-1)										7.2				11,000	7.2
	9/15/2011	Sample										5.5				12,000	5.5
		Duplicate (X-1)															
	12/16/2011	Sample										5.6				15,000	5.6
		Duplicate (X-1)										4.0				7,400	4.0
GT-2	12/30/2009																
	2/2/2010															67	
	3/24/2010																
	6/22/2010																
	9/22/2010																
	12/15/2010																
	3/24/2011																
	6/16/2011																
	9/15/2011																
	12/16/2011																

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																
	6/16/2011																
	9/15/2011																
	12/16/2011																
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															
	6/16/2011	N/S															
	9/15/2011	N/S															
	12/16/2011	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																
	6/16/2011																
	9/15/2011																
	12/16/2011																
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															8,300	
	6/16/2011															13,000	
	9/15/2011															680	
	12/16/2011															10,000	

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																
	6/16/2011																
	9/15/2011																
	12/16/2011																
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																
	6/16/2011																
	9/15/2011																
	12/16/2011																
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																
	6/16/2011																
	9/15/2011																
	12/16/2011																

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															
	9/15/2011	Sample															
		Duplicate															
	12/16/2011	Sample															
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	sampled															
	6/16/2011	sampled															
	9/15/2011	No standing water															
	12/16/2011	No standing water															

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: 460-34897-1

Job Description: 2012 Safety-Kleen Amityville

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

Attention: Joseph Basile, Jr., MSc.

Approved for release.
Jackie Trudell
Project Manager I
1/5/2012 4:15 PM

Jackie Trudell
Project Manager I
jackie.trudell@testamericainc.com
01/05/2012
Revision: 1

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 Edison Project Manager.

TestAmerica Edison Certifications and Approvals: Connecticut: CTDOH #PH-0200, New Jersey: NJDEP (NELAP) #12028, New York: NYDOH (NELAP) #11452, NYDOH (ELAP) #11452, Pennsylvania: PADEP (NELAP) 68-00522 and Rhode Island: RIDOH LAO00132

Job Number: 460-34897-1

Job Description: 2012 Safety-Kleen Amityville

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.
Jackie Trudell
Project Manager I
1/5/2012 4:15 PM

Jackie Trudell

Table of Contents

Table of Contents

Comments
No additional comments.

Receipt
Received an extra set of encores, not listed on the COC. Containers were for sample DW-1.

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 0.15 ug/L for 1,2-Dibromo-3-Chloropropane and 0.14 ug/L for 1,2,3-Trichloropropane.

A trip blank was submitted for analysis with these samples; however, it was not listed on the Chain of Custody (COC).

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

GC/MS VOA
Method(s) 8260B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and %RPD for batch 97296 were outside control limits for 2-Chloroethyl vinyl ether due to the sample preservation; MS recoveries were also outside control limits for Ethyl Methacrylate. The associated laboratory control sample (LCS) recovery met acceptance criteria.

Method(s) 8260B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 97187 were outside control limits for Chloroethane, Ethyl Methacrylate and 2-Chloroethyl vinyl ether. %RPD were also outside control limits for Acetonitrile and could not be calculated for 2-Chloroethyl vinyl ether due to the sample preservation. The associated laboratory control sample (LCS) recovery met acceptance criteria.

Method(s) 8260B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 97516 were outside control limits for several analytes. The associated laboratory control sample (LCS) recovery met acceptance criteria.

No other analytical or quality issues were noted.

GC VOA
Method(s) 8015B: The following sample was diluted due to the abundance of the target analytes: X-1 (460-34897-10). Elevated reporting limits (RLs) are provided.

Method(s) 8015B: The following samples were diluted due to the abundance of the target analyte : GT-1 (460-34897-1), VE-1 (460-34897-7). Elevated reporting limits (RLs) are provided.

Method(s) 8015B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 97492 were outside control limits. The associated laboratory control sample (LCS/LCSD) recovery met acceptance criteria.

No other analytical or quality issues were noted.

VOA Prep
No analytical or quality issues were noted.

SAMPLE SUMMARY

Client: Basile Environmental Solutions, LLC

Job Number: 460-34897-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
460-34897-1	GT-1	Water	12/16/2011 0950	12/17/2011 1025
460-34897-2	GT-2	Water	12/16/2011 0915	12/17/2011 1025
460-34897-3	GT-3	Water	12/16/2011 0840	12/17/2011 1025
460-34897-4	GT-5	Water	12/16/2011 0815	12/17/2011 1025
460-34897-5	VP-A	Water	12/16/2011 1100	12/17/2011 1025
460-34897-6	VP-B	Water	12/16/2011 1030	12/17/2011 1025
460-34897-7	VE-1	Water	12/16/2011 1140	12/17/2011 1025
460-34897-8	VE-5	Water	12/16/2011 1120	12/17/2011 1025
460-34897-9	DW-1	Solid	12/16/2011 1215	12/17/2011 1025
460-34897-9MS	DW-1	Solid	12/16/2011 1215	12/17/2011 1025
460-34897-9MSD	DW-1	Solid	12/16/2011 1215	12/17/2011 1025
460-34897-10	X-1	Water	12/16/2011 0000	12/17/2011 1025
460-34897-11TB	Trip Blank	Water	12/16/2011 0815	12/17/2011 1025

EXECUTIVE SUMMARY - Detections

Client: Basile Environmental Solutions, LLC Job Number: 460-34897-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-34897-1	**GT-1**					
1,2-Dichlorobenzene		2.2	J	3.0	ug/L	8260B
1,3-Dichlorobenzene		1.9	J	3.0	ug/L	8260B
1,4-Dichlorobenzene		5.6		3.0	ug/L	8260B
Tetrachloroethene		0.71	J	5.0	ug/L	8260B
Mineral Spirit Range Organics		15000		1300	ug/L	8015B
460-34897-2	**GT-2**					
Acetone		11	J	50	ug/L	8260B
Tetrachloroethene		1.5	J	5.0	ug/L	8260B
460-34897-5	**VP-A**					
Tetrachloroethene		1.0	J	5.0	ug/L	8260B
460-34897-6	**VP-B**					
Tetrachloroethene		1.1	J	5.0	ug/L	8260B
460-34897-7	**VE-1**					
Tetrachloroethene		0.24	J	5.0	ug/L	8260B
Mineral Spirit Range Organics		10000		2500	ug/L	8015B
460-34897-9	**DW-1**					
Methylene Chloride		0.70	J	70	ug/Kg	8260B
Percent Moisture		10.3		1.0	%	Moisture
Percent Solids		89.7		1.0	%	Moisture
460-34897-10	**X-1**					
1,2-Dichlorobenzene		1.6	J	3.0	ug/L	8260B
1,3-Dichlorobenzene		1.3	J	3.0	ug/L	8260B
1,4-Dichlorobenzene		4.0		3.0	ug/L	8260B
Tetrachloroethene		1.3	J	5.0	ug/L	8260B
Mineral Spirit Range Organics		7400		2500	ug/L	8015B
460-34897-11TB	**TRIP BLANK**					
Methylene Chloride		1.8	J	5.0	ug/L	8260B