



STEPHEN D. FLEMING, PE, CHMM  
SENIOR REMEDIATION MANAGER

June 11, 2009

Transmitted: USPS Priority Mail, 1<sup>st</sup> Class Mail to CC List

**Mr. Kent Johnson**  
**Senior Engineering Geologist**  
**New York State Dept. of Environmental Conservation**  
**Division of Solid & Hazardous Materials**  
**Bureau of Radiation & Hazardous Site Management**  
**625 Broadway**  
**Albany, NY 12233-7250**

**SUBJECT:** Groundwater Monitoring Report – No. 1 (Q1) for 2009  
Former Safety-Kleen Service Center, Thornwood, New York

Dear Mr. Johnson:

This letter serves as the Safety-Kleen Systems, Inc. (Safety-Kleen) first quarter 2008 groundwater monitoring report for the above-referenced site. Oxidation Systems, Inc. (OSI) collected the requisite groundwater samples and field data on March 11, 2009.

Safety-Kleen submitted the requisite groundwater samples to Analytical Services, Inc. (ASI) - Norcross, GA. ASI is Safety-Kleen's outside, third party remediation sample analytical laboratory. ASI holds current NYSDEC ELAP certifications for the specified analyses, as well as National Environmental Laboratory Accreditation Conference (NELAC) certification. They are also accredited by USEPA's National Environmental Laboratory Accreditation Program (NELAP).

#### CLOSURE COMPLIANCE STATUS

The site is currently in the Compliance Monitoring phase of the Post Closure Monitoring program.

#### SCOPE OF WORK

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

- Quarterly groundwater gauging,
- Collection of field parameters, and
- Quarterly groundwater sampling of site wells.

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## GROUNDWATER GAUGING AND FIELD PARAMETER COLLECTION

Monitoring wells GT-1R through GT-5 were gauged and field indicator parameters were collected during the site visit. Temperature, pH, conductivity, dissolved oxygen, redox potential, and visual turbidity were recorded for each well location. The Field Log Sampling Summary Form is included as **Attachment 1**. Select data from this quarter's field analysis are presented below and in full within **Attachment 3, Table 2 – Field Data Water Quality Summary**.

Field Parameters	GT-1R	GT-2R	GT-3	GT-4	GT-5	Q1 09 Ave	Max	Min	Q4 08 Ave	Delta
Temperature (C)	11.7	10.8	9.0	9.1	12.2	10.6	12.2	9.0	13.3	-2.7
pH	7.23	7.20	7.10	7.15	7.25	7.19	7.25	7.10	7.09	0.1
Conductivity in uS	1458	951	1301	1465	1171	1269	1465	951	1071	198.2
Dissolved Oxygen (mg/L)	2.74	1.95	1.80	3.58	3.05	2.62	3.58	1.80	2.44	0.2
ORP ( Eh (Mv))	122	-58	52	47	108	54	122	-58	-14	68.2
Turbidity (visual / NTU)	low	low	med	low	low	See Attachments for Notes				

The pH continues to be within the normal range for naturally occurring groundwater averaging, though, this period it was reported higher, on average by 0.1 units. Average dissolved oxygen (DO) was slightly higher (2.62 mg/l) when compared to last quarter's average of 2.44 mg/L. Redox potential (Eh) was higher on average by 68.2 Mv when compared to Q4 2008 average of -14 Mv. Temperature, also, was seasonally lower as expected.

Depth-to-water ranged from 6.97-feet (GT-4) to 10.09-feet below grade (GT-1R). **Attachment 2, Groundwater Contour Map** depicts the flow conditions for this gauging event. The water table appears to be higher than the previous quarter's values. This is expected with seasonal changes.

The groundwater flow remains to the north-northwest with an average gradient of 1.8 %. This gradient is steeper, than reported during the previous quarter, by approximately 1%. Groundwater flow direction is consistent with the previous quarter's data, and generally consistent with historical trends.

## GROUNDWATER SAMPLING

Each well was purged of 3 to 5 well volumes (conditions permitting) of groundwater with a submersible pump prior to sampling. Samples were collected with dedicated, disposable polyethylene bailers and placed into glass containers provided by Analytical Services, Inc., Norcross, GA (ASI) as specified for each analysis. Samples were kept cool during overnight transport to the laboratory and were accompanied by chain-of-custody documents and a trip blank.

ASI analyzed the water and groundwater samples for Volatile Organic Compounds (VOCs) via EPA Method 8260, and for Mineral Spirits via Modified EPA Method 8260B.

## GROUNDWATER ANALYTICAL RESULTS

During this groundwater sampling event, volatile organic target compounds (VOCs) were not detected in monitoring wells GT-3, GT-4, nor GT-5. PCE was detected at GT-1R, at 0.0034 ppm, which is less than the New York State Groundwater Quality Standard (GWQS) of 0.005 ppm. This level is slightly higher, than reported for the previous sampling event.

Bromobenzene, Bromodichloromethane, Chlorobenzene and 1, 4-dichlorobenzene were also detected at GT-2R, at concentrations of 0.0012, 0.0015, 0.0025 and 0.0018 ppm respectively. Bromobenzene and Bromodichloromethane were not detected in the duplicate sample (X-1). These concentrations are below the GWQSs for each compound. Concentrations of mineral spirits in monitoring well GT-2R currently exceed the GWQS of 0.05 mg/L at 2.000 mg/L (1.500 mg/L duplicate). This is higher than the previous concentration reported, and is at a similar concentration as reported.

### Site-Wide Sampling Summary

Well ID	Total BTEX (ppm)	Total VOCs (ppm)	Mineral Spirits (ppm)
GT-1R	ND	0.0034 (PCE)	ND
GT-2R	ND/(ND)	0.007/0.0054	2.000/(1.5000)
GT-3	ND	ND	ND
GT-4	ND	ND	ND
GT-5	ND	ND	ND

Key:

- ppm = parts per million
- BTEX = benzene, toluene, ethyl benzene, total xylenes
- ND = not detected (below detection limits - "BDL" - on the lab report)
- (ND) = concentrations reported in duplicate sample X-1
- NS = not sampled
- PCE = Tetrachloroethene
- 0.810** = Red indicates above GWQS

The current and historic groundwater quality data are presented in **Attachment 3**. The laboratory analytical report is included as **Attachment 4**.

## GROUNDWATER SAMPLING SUMMARY

1. Field indicator parameters are within normal ranges for naturally occurring groundwater. Groundwater flow is steeper than previously reported, but the direction is generally consistent with historic trends.
2. PCE was detected at GT-1R (below the GWQS), which is its third detection since September 2006. Sporadically, this compound has historically been detected at this location and will continue to be monitored.
3. PCE was not detected in monitoring well GT-5.
4. Dissolved-phase volatile organic compounds were again, not detected in monitoring wells GT-3 and GT-4.
5. Mineral spirits was only detected at GT-2R. Concentrations of mineral spirits at GT-2R and its' duplicate were higher as compared to Q4 2008 results and continues to exceed the GWQS.
6. The concentrations of VOCs at GT-2R have not shown appreciable change over the course of the 2008 monitoring period, when compared to the March 2009 data.
7. Mineral spirits concentrations, have however, not been stable, and showed an increasing trend in concentrations over the period. Though, historical highs were not achieved, the increase continues to be problematic.

## CONCLUSIONS

- Dissolved phase mineral spirits in the GT-2R area continues to exceed the NYS GWQS and was higher as compared to the last sampling event, and is indicative of the 2008 trend.
- Dissolved oxygen and other bio-activity parameters remain measureable and suggest that biodegradation is occurring within the GT-2R area.
- Levels of both dissolved phase VOCS and mineral spirits remain lower in the GT-2R area when compared to historic highs, but continue to be problematic.

## RECOMMENDATIONS

- Continue monitoring groundwater on a quarterly basis.
- The area of the former tank pit has been re-paved and is in constant use on-site. The logistics of using the existing remedial points due to traffic, and overall condition is a factor in Safety-Kleen's final selection for a batch application program.
- Due to these reasons, we are proposing that the application in the GT-2R area be either:
  - Via the injection of ozone gas and peroxide solutions, with integral venting, or
  - Via the in-situ application of chemical oxidizers via slurry injection only.

If you should have any questions or comments concerning this report, please do not hesitate to contact me at (513) 956-2172. As always, we appreciate the Department's assistance with this site.

Sincerely,

**Safety-Kleen Systems, Inc.**



**Stephen D. Fleming, PE, CHMM**  
Senior Remediation Manager

**Cc:** J. Riedy, USEPA, New York, NY  
M. Hansen, Safety-Kleen Systems, Inc., Dewitt, NY  
N. Court, WCDOH, New Rochelle, NY  
J. Basile, Oxidation Systems, Inc., Cortland, NY  
C. Lichti, Duro Electric, Thornwood, NY

**Attachments:**

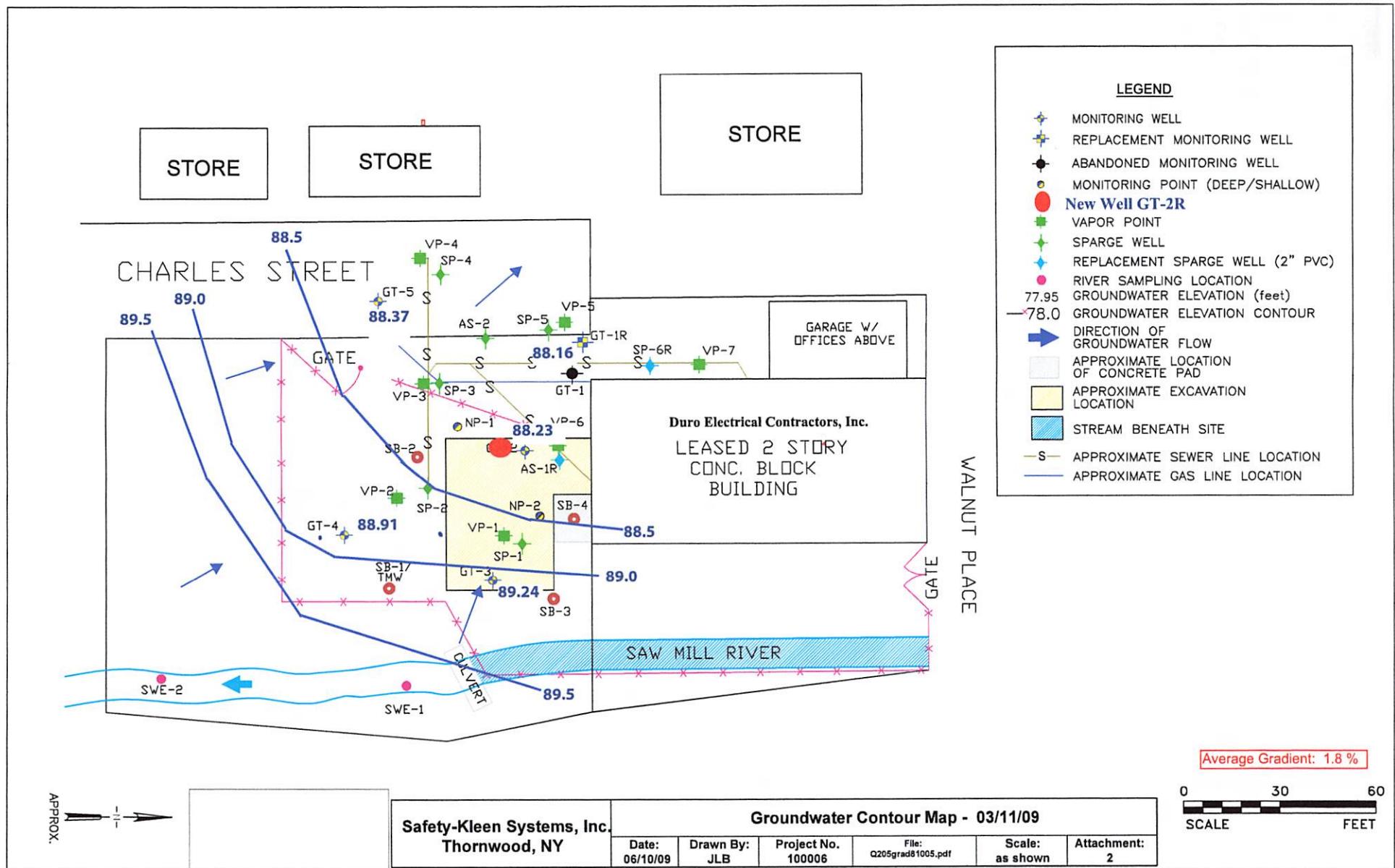
1. Groundwater Gauging and Field Parameter Data Recording Form
2. Groundwater Contour Map – March 11, 2009
3. Historic Groundwater Monitoring Data
  - Table 1. Analytical Groundwater Quality Summary*
  - Table 2. Field Data Water Quality Summary*
4. Laboratory Report

**Attachment 1**

**Groundwater Gauging and Field Parameter Data Recording Form**

Oxidation Systems, Inc.							page 1 of 1						
SAMPLING INSTRUCTIONS & FIELD OBSERVATION LOG													
GROUNDWATER SAMPLING RECORD													
SITE NAME	Former Safety-Kleen Service Cent			DATE	March 11, 2009								
	Thornwood, NY				Weather	clear, cool & windy							
Samplers		Jim Scerra/SEM											
Well Name / ID	GT-1R	GT-2R	GT-3	GT-4	GT-5	NP-1	NP-2						
ab Analysis - EPA 8260 VOC	Yes	Yes	Yes	Yes	Yes	No	No						
ab Analysis - EPA 8260a M	Yes	Yes	Yes	Yes	Yes	No	No						
Duplicate Sample:		Yes											
Collect Field Parameters	Yes	Yes	Yes	Yes	Yes	No	No						
Diameter of Well Casing	2 in	2 in	2 in	2 in	2 in	2 in	1 in						
Depth of Well (ft.)	28.40	23.40	19.4	16.6	24.95	21.66	21.72						
											Ave	Max	Min
Depth to Groundwater (ft.)	10.09	9.90	7.73	6.97	8.11	NA	NA				8.56	10.09	6.97
Water Column Height (ft.)	18.31	13.50	11.67	9.63	16.84	NA	NA				13.99	18.31	9.63
Volume Purged (gal)	8	6	5.0	4.5	8	NA	NA						
Purging Method	bailer	bailer	bailer	bailer	bailer								
Sampling Time	21:15	20:40	19:00	19:40	20:15								
Sample date	11-Mar	11-Mar	11-Mar	11-Mar	11-Mar								
GW Visual Observations													
color	lt brn	clear	brown	clear	clear								
sheen	no	no	no	no	no								
odor	slight	slight	no	no	no								
Field Parameters	GT-1R	GT-2R	GT-3	GT-4	GT-5	Q1 09 Ave	Max	Min	Q4 08 Ave	Delta			
Temperature (C)	11.7	10.8	9.0	9.1	12.2	10.6	12.2	9.0	13.3	-2.7			
pH	7.23	7.20	7.10	7.15	7.25	7.19	7.25	7.10	7.09	0.1			
Conductivity in uS	1458	951	1301	1465	1171	1269	1465	951	1071	198.2			
Dissolved Oxygen (mg/L)	2.74	1.95	1.80	3.58	3.05	2.62	3.58	1.80	2.44	0.2			
ORP ( Eh (Mv))	122	-58	52	47	108	54	122	-58	-14	68.2			
Turbidity (visual / NTU)	low	low	med	low	low								
Comments	Blind duplicate collected on GT-2R (X-1)												
	NP-1 paved over												
	AS-1R water level = 9.30												

**Attachment 2**  
**Groundwater Contour Map – March 11, 2009**



**Attachment 3**

**Historic Groundwater Monitoring Data**

*Table 1. Analytical Groundwater Quality Summary*

*Table 2. Field Data Water Quality Summary*

**TABLE 1**  
**ANALYTICAL DATA**

Well ID	Date	CB (mg/l)	1,2-DCB (mg/l)	1,3-DCB (mg/l)	1,4-DCB (mg/l)	1,1-DCA (mg/l)	1,2-DCA (mg/l)	1,1-DCE (mg/l)	Cis-1,2-DCE (mg/l)	Ethylenbenzene (mg/l)	PCE (mg/l)	Toluene (mg/l)	1,1,1-TCA (mg/l)	1,1,2-TCA (mg/l)	Vinylchloride (mg/l)	Xylenes (mg/l)	Total VOCs (mg/l)	Mineral Spirits (mg/l)	NA	
		0.0050	0.0030	0.0030	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050	0.050	0.050		
GT-1	1-Dec-93	NA	0.100	NA	0.033	0.067	NA	NA	0.064	0.170	0.140	0.011	0.240	NA	0.022	ND	0.680	1.570	NA	
	13-Dec-93	NA	0.075	0.006	0.036	0.066	NA	NA	ND	0.060	0.110	ND	0.160	NA	0.017	ND	0.190	0.709	0.740	
	6-Jul-94	NA	0.150	0.010	0.004	0.056	NA	NA	ND	0.120	0.110	ND	0.210	NA	0.019	ND	0.300	1.008	0.900	
	19-Oct-94	NA	0.090	0.007	0.035	0.047	NA	NA	0.034	0.120	0.130	ND	0.160	NA	0.023	ND	0.110	0.786	0.310	
	26-Jan-95	NA	0.093	0.006	0.036	0.064	NA	0.002	0.059	0.130	ND	0.120	NA	0.024	ND	0.170	0.967	0.250		
	13-Apr-95	NA	ND	0.065	0.010	ND	0.072	0.002	0.004	0.016	ND	0.088	ND	ND	0.024	ND	ND	0.281	7.793	
	25-Jul-95	ND	0.007	0.064	0.007	0.027	0.047	0.002	0.002	0.002	ND	0.112	ND	ND	0.017	0.003	ND	0.380	5.220	
	23-Jan-96	0.003	0.092	0.005	0.051	0.051	0.009	ND	0.005	ND	0.068	ND	ND	ND	0.021	ND	ND	0.285	1.040	
	23-Apr-96	ND	0.006	ND	0.006	ND	0.006	NA	0.006	ND	0.005	ND	ND	0.005	ND	ND	0.005	0.042	ND	
	18-Jul-96	0.004	0.022	0.005	0.019	0.010	ND	ND	0.003	0.025	0.064	ND	0.020	ND	0.007	ND	0.002	0.183	0.709	
	8-Oct-96	0.008	0.055	0.037	0.014	ND	ND	0.016	ND	0.016	ND	0.058	ND	0.016	ND	0.017	0.394	0.350		
	7-Jan-97	0.006	0.059	0.007	0.043	0.011	ND	ND	0.055	ND	0.099	ND	0.038	ND	0.014	ND	0.005	0.392	2.030	
	1-Apr-97	0.035	0.007	0.027	0.027	0.008	ND	ND	0.057	0.038	0.060	ND	0.020	ND	0.009	ND	0.032	0.798	0.370	
	1-Jul-97	0.005	0.057	0.007	0.039	0.007	ND	ND	0.157	0.059	0.060	ND	0.016	ND	0.003	0.004	0.408	0.190		
	29-Oct-97	0.005	0.046	0.005	0.030	0.006	ND	ND	0.352	0.059	0.065	ND	0.013	ND	0.002	0.010	0.583	0.119		
	14-Jan-98	0.004	0.044	0.005	0.019	0.005	ND	0.001	0.352	0.073	0.069	ND	0.020	ND	0.003	0.007	0.618	0.222		
	10-Apr-98	0.002	0.026	0.005	0.019	0.004	ND	0.002	0.474	0.050	0.050	ND	0.007	ND	0.002	0.003	0.040	0.638	1.750	
	22-Jul-98	0.006	0.042	0.007	0.026	0.005	ND	0.001	0.759	0.050	ND	0.010	ND	0.008	0.047	1.043	0.430			
	14-Oct-98	0.004	0.043	0.006	0.029	0.004	ND	ND	0.390	0.064	ND	ND	0.008	ND	0.003	0.004	0.496	0.260		
	14-Oct-98	0.005	0.057	0.007	0.029	0.006	ND	ND	0.497	0.082	ND	ND	0.025	ND	0.002	0.010	0.953	0.490		
	6-Jan-99	0.005	0.048	0.005	0.029	0.004	ND	ND	0.310	0.081	ND	ND	0.03	ND	0.017	0.007	0.760	0.001		
	7-Apr-99	0.006	0.073	0.006	0.026	0.005	ND	ND	0.246	0.065	0.065	ND	0.014	ND	0.001	0.0116	0.650	1.080		
	7-Apr-99	0.004	0.046	0.005	0.027	0.003	ND	ND	0.180	0.066	ND	0.002	0.011	ND	0.0220	0.060	0.624	0.001		
	1-Jul-99	ND	0.057	ND	0.035	ND	ND	ND	0.075	0.088	ND	ND	0.016	ND	0.0110	0.052	0.711	0.260		
	1-Jul-99	ND	0.064	ND	0.038	ND	ND	ND	0.093	0.092	ND	ND	0.017	ND	0.0160	0.076	0.953	0.490		
	28-Oct-99	0.003	0.039	0.006	0.032	0.002	ND	ND	0.035	0.059	ND	0.001	0.017	ND	0.0190	0.066	0.760	0.001		
	28-Oct-99	0.003	0.043	0.005	0.024	0.002	ND	ND	0.039	0.062	ND	ND	0.003	ND	0.001	0.0116	0.086	0.650		
	8-Dec-99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.004	ND	ND	ND	0.0220	0.060	0.624	0.001	
	9-Feb-00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.004	ND	ND	ND	0.083	0.110	0.464	0.646	
	9-Feb-00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.005	ND	ND	ND	0.110	0.502	1.080		
	27-Apr-00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.012	ND	ND	ND	0.014	ND	0.263	0.220	
	27-Jun-00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.015	ND	ND	ND	0.020	ND	0.068	0.264	
	27-Jul-00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.015	ND	ND	ND	0.020	ND	0.068	0.220	
	24-Aug-00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.015	ND	ND	ND	0.020	ND	0.068	0.220	
	27-Sep-00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.015	ND	ND	ND	0.020	ND	0.068	0.220	
	18-Oct-00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.015	ND	ND	ND	0.020	ND	0.068	0.220	
	18-Oct-00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.015	ND	ND	ND	0.020	ND	0.068	0.220	
	30-Nov-00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.015	ND	ND	ND	0.020	ND	0.068	0.220	
	13-Dec-00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.015	ND	ND	ND	0.020	ND	0.068	0.220	
	11-Jan-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.015	ND	ND	ND	0.020	ND	0.068	0.220	
	15-Feb-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.015	ND	ND	ND	0.020	ND	0.068	0.220	
	21-Mar-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.015	ND	ND	ND	0.020	ND	0.068	0.220	
	18-Apr-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.015	ND	ND	ND	0.020	ND	0.068	0.220	
	18-Apr-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.015	ND	ND	ND	0.020	ND	0.068	0.220	
	14-Aug-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.015	ND	ND	ND	0.020	ND	0.068	0.220	
	6-Nov-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.015	ND	ND	ND	0.020	ND	0.068	0.220	

**TABLE 1**  
**ANALYTICAL DATA**

Well ID	Date	CB (mg/l)	1,2-DCB (mg/l)	1,3-DCB (mg/l)	1,4-DCB (mg/l)	1,1-DCA (mg/l)	1,2-DCA (mg/l)	1,1-DCE (mg/l)	Cis-1,2-DCE (mg/l)	Ethyl-benzene (mg/l)	PCE (mg/l)	Toluene (mg/l)	1,1,1-TCA (mg/l)	1,1,2-TCA (mg/l)	Vinyl-Chloride (mg/l)	TCE (mg/l)	Chloride (mg/l)	Xylenes (mg/l)	Total VOCs (mg/l)	Mineral Spirits (mg/l)	
GT-1R	6-Nov-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.015	ND
	7-May-02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.010	ND
	7-May-02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.010	ND
	29-Aug-02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0020	ND
	14-Nov-02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0050	ND
	14-Nov-02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0050	ND
	21-Apr-03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0050	ND
	21-Apr-03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0050	ND
	29-Sep-03	0.0020	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0060	ND						
	29-Sep-03	0.0020	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0060	ND						
	4-Feb-04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0080	ND
	4-Feb-04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0070	ND
	29-Jun-04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0040	ND
	17-Nov-04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0050	ND
	24-Mar-05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0040	ND
	6~Jul-05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0050	ND
	20-Sep-05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0000	ND
	12-Dec-05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0040	ND
	15-Mar-06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0060	ND
	22-Jun-06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0030	ND
	25-Sep-06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0040	ND
	18-Dec-06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0050	ND
	26-Mar-07	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0040	ND
	25-Jun-07	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0040	ND
	19-Sep-07	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0030	ND
	19-Dec-07	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0030	ND
	28-Mar-08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0040	ND
	18-Jun-08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0030	ND
	24-Sep-08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.002	ND
	17-Dec-08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.002	ND
	11-Mar-09	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0034	ND
GT-2	1-Dec-93	ND	0.085	0.011	ND	0.096	ND	0.002	ND	0.002	ND	0.003	ND	ND	ND	ND	ND	ND	ND	ND	ND
	25-Jul-95	ND	0.004	ND	0.002	ND	0.002	ND	0.002	ND	0.004	ND	0.001	ND	0.001	ND	ND	ND	ND	ND	ND
	4-Oct-95	ND	0.002	ND	0.003	ND	0.003	ND	0.003	ND	0.003	ND	0.002	ND	0.002	ND	ND	ND	ND	ND	ND
	23-Jan-96	0.001	0.006	ND	0.004	ND	0.004	ND	0.004	ND	0.004	ND	0.003	ND	0.003	ND	ND	ND	ND	ND	ND
	23-Apr-96	0.001	0.001	ND	0.002	ND	0.003	ND	0.003	ND	0.003	ND	0.002	ND	0.002	ND	ND	ND	ND	ND	ND
	8-Oct-96	0.001	0.001	ND	0.002	ND	0.002	ND	0.002	ND	0.002	ND	0.001	ND	0.001	ND	ND	ND	ND	ND	ND
	7-Jan-97	0.007	0.007	ND	0.006	ND	0.009	ND	0.006	ND	0.006	ND	0.006	ND	0.006	ND	ND	ND	ND	ND	ND
	1-Apr-97	ND	0.002	ND	0.002	ND	0.002	ND	0.002	ND	0.002	ND	0.002	ND	0.002	ND	ND	ND	ND	ND	ND
	1-Jul-97	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	29-Oct-97	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	14-Jan-98	0.006	0.006	ND	0.001	ND	0.010	ND	0.005	ND	0.001	ND	0.003	ND	0.003	ND	ND	ND	ND	ND	ND
	1-Apr-98	0.002	0.004	ND	0.003	ND	0.007	ND	0.003	ND	0.003	ND	0.003	ND	0.003	ND	ND	ND	ND	ND	ND
	22-Jul-98	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.017	ND
	14-Oct-98	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.017	ND
	6-Jan-99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.010	ND
	7-Apr-99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.006	ND
	28-Oct-99	0.005	0.001	ND	0.003	ND	0.002	ND	0.003	ND	0.003	ND	0.008	ND	0.008	ND	ND	ND	ND	ND	ND

**TABLE 1**  
**ANALYTICAL DATA**

Well ID	Date	CB (mg/l)	1,2-DCB (mg/l)	1,3-DCB (mg/l)	1,4-DCB (mg/l)	1,1-DCA (mg/l)	1,2-DCA (mg/l)	1,1-DCE (mg/l)	Cls-1,2 benzene (mg/l)	Ethyleneglycol (mg/l)	PCB (mg/l)	Toluene (mg/l)	1,1,1-TCA (mg/l)	1,1,2-TCA (mg/l)	TCE (mg/l)	Vinylchloride (mg/l)	Xylenes (mg/l)	Total VOCs (mg/l)	Mineral Spirits (mg/l)
		0.0050	0.0030	0.0030	0.0030	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050	NA	0.050	
9-Feb-00	0.001	ND	ND	ND	ND	0.003	0.002	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
27-Apr-00	0.002	0.002	0.002	0.001	0.003	0.003	0.002	0.002	ND	ND	ND	ND	ND	ND	ND	ND	0.012	ND	
27-Jun-00	0.002	0.002	0.002	0.001	0.003	0.003	0.002	0.002	ND	ND	ND	ND	ND	ND	ND	ND	0.008	ND	
27-Jul-00	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
24-Aug-00	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
27-Sep-00	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
18-Oct-00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
30-Nov-00	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
13-Dec-00	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
11-Jan-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
15-Feb-01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
21-Mar-01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
18-Apr-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
14-Aug-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
6-Nov-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
7-May-02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
29-Aug-02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
14-Nov-02	0.003	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
21-Apr-03	0.002	ND	ND	ND	0.001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
29-Sep-03	0.007	0.002	0.002	0.006	0.006	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	N/A	
20-Nov-03	0.006	0.003	0.002	0.008	0.008	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
20-Nov-03	0.006	0.003	0.002	0.009	0.009	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
4-Feb-04	0.008	0.002	0.001	0.004	0.004	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
29-Jun-04	0.004	0.001	0.001	0.002	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
29-Jun-04	0.004	0.001	0.001	0.002	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
17-Nov-04	ND	0.001	ND	0.003	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
17-Nov-04	0.006	ND	0.003	0.003	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
25-Mar-05	0.006	ND	0.003	0.003	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
25-Mar-05	0.007	0.001	ND	0.003	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
12-Dec-05	0.0030	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
12-Dec-05	0.0030	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
6-Jul-05	0.005	ND	ND	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
20-Sep-05	0.007	0.001	0.003	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
20-Sep-05	0.007	0.001	0.003	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
26-Mar-07	0.0040	ND	ND	0.0020	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
25-Sep-06	0.0050	ND	ND	0.0020	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
18-Dec-06	0.0050	ND	ND	0.0020	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
26-Mar-07	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
26-Mar-07	0.0040	ND	ND	0.0020	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
25-Sep-06	0.0050	ND	ND	0.0020	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
12-Dec-05	0.0030	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
15-Mar-06	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
22-Jun-06	0.0040	ND	0.0020	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
22-Jun-06	0.0040	ND	0.0020	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
25-Sep-06	0.0060	ND	ND	0.0020	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
25-Sep-06	0.0060	ND	ND	0.0020	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
12-Dec-05	0.0030	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
18-Dec-06	0.0050	ND	ND	0.0020	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
18-Dec-06	0.0040	ND	ND	0.0020	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
19-Sep-07	0.0040	ND	ND	0.0020	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
19-Sep-07	0.0060	ND	ND	0.0030	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
19-Sep-07	0.0060	ND	ND	0.0020	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
19-Dec-07	0.0030	ND	ND	0.0020	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	

**TABLE 1**  
**ANALYTICAL DATA**

		CB (mg/l)	1,2-DCB (mg/l)	1,3-DCB (mg/l)	1,4-DCB (mg/l)	1,1-DCA (mg/l)	1,2-DCA (mg/l)	1,1-DCE (mg/l)	Cis-1,2-DCE (mg/l)	Ethyl-benzene (mg/l)	PCE (mg/l)	Toluene (mg/l)	1,1,1-TCA (mg/l)	1,1,2-TCA (mg/l)	Vinyl-Chloride (mg/l)	Xylenes (mg/l)	Total VOCs (mg/l)	Mineral Spirits (mg/l)
Well ID	Date	0.0050	0.0030	0.0030	0.0030	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050	0.0020	0.0050	NA	0.050	
dup	19-Dec-07	0.0030	ND	ND	0.0020	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.005	0.650
	28-Mar-08	0.0040	ND	ND	0.0020	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.006	0.260
	28-Mar-08	0.0040	ND	ND	ND	ND	ND	ND	ND	ND	0.004	0.270						
	18-Jun-08	0.0040	ND	ND	0.0020	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.006	0.300
	18-Jun-08	0.0040	ND	ND	0.0020	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.006	0.290
	24-Sep-08	ND	ND	ND	0.0020	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.002	0.810
	24-Sep-08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.430
	17-Dec-08	ND	ND	ND	0.0020	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0020	1.300
	17-Dec-08	0.0035	ND	ND	0.0018	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0053	1.200
see note	11-Mar-09	0.0025	ND	ND	0.0018	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0070	2.000
dup	11-Mar-09	0.0036	ND	ND	0.0018	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0054	1.500
NOTE:		Note: 3/11/09 sample totals include bromobenzene and Bromodichloromethane at 0.0012 and 0.0015 respectively																
GT-3	6-Jul-94	NA	ND	NA	ND	ND	NA	NA	ND	ND	ND	ND	NA	ND	ND	ND	0.000	NA
	19-Oct-94	NA	ND	ND	ND	ND	NA	NA	ND	ND	ND	ND	NA	ND	ND	ND	0.000	ND
	26-Jan-95	NA	ND	ND	ND	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND
	13-Apr-95	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND
	25-Jul-95	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND
	4-Oct-95	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND
	23-Jan-96	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND
	23-Apr-96	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND
	18-Jul-96	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND
	8-Oct-96	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND
	7-Jan-97	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND
	1-Apr-97	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.007	ND	ND	ND	ND	ND	0.007	ND
	1-Jul-97	ND	ND	ND	ND	ND	ND	ND	ND	0.002	ND	ND	ND	ND	ND	ND	0.002	ND
	14-Jan-98	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND
	29-Oct-97	ND	ND	ND	ND	ND	ND	ND	ND	0.001	ND	ND	ND	ND	ND	ND	0.001	ND
	14-Jan-98	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND
	10-Apr-98	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND
	22-Jul-98	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.009	ND
	14-Oct-98	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND
	6-Jan-99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND
	7-Apr-99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND
	9-Jul-99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND
	28-Oct-99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND
	9-Feb-00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND
	27-Apr-00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND
	27-Jun-00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND
	27-Jul-00	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	24-Aug-00	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	27-Sep-00	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	18-Oct-00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	30-Nov-00	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	13-Dec-00	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	11-Jan-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	15-Feb-01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	21-Mar-01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	18-Apr-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

**TABLE 1**  
**ANALYTICAL DATA**

Well ID	Date	Mineral Spirits (mg/l)										Total VOCs (mg/l)										
		CB (mg/l)	1,2-DCB (mg/l)	1,3-DCB (mg/l)	1,4-DCB (mg/l)	1,1-DCA (mg/l)	1,2-DCA (mg/l)	1,1-DCE (mg/l)	Cis-1,2-DCE (mg/l)	Ethylbenzene (mg/l)	PCE (mg/l)	Toluene (mg/l)	1,1,1-TCA (mg/l)	1,1,2-TCA (mg/l)	TCE (mg/l)	Vinyl Chloride (mg/l)	Xylenes (mg/l)	Total VOCs (mg/l)	Spirits (mg/l)	Total (mg/l)		
1-Aug-01	ND	0.0050	0.0030	0.0030	0.0050	0.0030	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050		
6-Nov-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
7-May-02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
29-Aug-02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
14-Nov-02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
21-Apr-03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
29-Sep-03	0.003	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
4-Feb-04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
29-Jun-04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
17-Nov-04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
25-Mar-05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
6-Jul-05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
20-Sep-05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
12-Dec-05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
15-Mar-06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
22-Jun-06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
25-Sep-06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
18-Dec-06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
26-Mar-07	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
25-Jun-07	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
19-Sep-07	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
17-Dec-07	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
28-Mar-08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
18-Jun-08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
24-Sep-08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
17-Dec-08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
11-Mar-09	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
G1-4																						
	1-Dec-93	NA	6-Jul-94	NA	19-Oct-94	NA	26-Jan-95	NA	13-Apr-95	NA	25-Jul-95	ND	4-Oct-95	ND	23-Jan-96	ND	23-Apr-96	ND	18-Jul-96	ND	8-Oct-96	ND
	13-Dec-93	NA	7-Jan-97	ND	1-Apr-97	ND	1~Jul-97	ND	29-Oct-97	ND	14-Jan-98	ND	10-Apr-98	ND	22~Jul-98	ND	14-Oct-98	ND	6-Apr-99	ND	7-Apr-99	ND

**TABLE 1**  
**ANALYTICAL DATA**

Well ID	Date	CB	1,2-DCB	1,3-DCB	1,4-DCB	1,1-DCA	1,2-DCA	Cis-1,2-DCE	Ethylbenzene	PCE	Toluene	1,1,1-TCA	1,1,2-TCA	Vinyl Chloride	Xylenes	Total VOCs	Mineral Spirits
		(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)
G1-5	9-Jul-99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	28-Oct-99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	9-Feb-00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	27-Apr-00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	27-Jun-00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	27-Jul-00	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	24-Aug-00	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	27-Sep-00	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	18-Oct-00	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	30-Nov-00	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	13-Dec-00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	11-Jan-01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	15-Feb-01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	21-Mar-01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	18-Apr-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	14-Aug-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	6-Nov-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	7-May-02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	28-Aug-02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	21-Apr-03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	28-Sep-03	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Feb-04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	29-Jun-04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	17-Nov-04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	25-Mar-05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	6-Jul-05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	20-Sep-05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12-Dec-05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	15-Mar-06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	22-Jun-06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	25-Sep-06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	18-Dec-06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	26-Mar-07	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	25-Jun-07	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	19-Sep-07	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	19-Dec-07	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	28-Mar-08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	18-Jun-08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	24-Sep-08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	17-Dec-08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	11-Mar-09	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
G1-5	13-Apr-95	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	25-Jul-95	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Oct-95	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	23-Jan-96	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	23-Apr-96	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	18-Jul-96	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	8-Oct-96	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

**TABLE 1**  
**ANALYTICAL DATA**

Well ID	Date	CB (mg/l)	1,2-DCB (mg/l)	1,3-DCB (mg/l)	1,4-DCB (mg/l)	1,1-DCA (mg/l)	1,2-DCA (mg/l)	1,1-DCE (mg/l)	Cis-1,2-DCE (mg/l)	Ethyl-benzene (mg/l)	PCE (mg/l)	Toluene (mg/l)	1,1,1-TCA (mg/l)	1,1,2-TCA (mg/l)	Vinyl-Chloride (mg/l)	Xylenes (mg/l)	Total VOCs (mg/l)	Mineral Spirits (mg/l)
		0.0050	0.0030	0.0030	0.0030	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050	0.0020	0.0050	NA	0.050
	7-Jan-97	ND	ND	ND	ND	ND	ND	ND	ND	0.001	ND	ND	ND	ND	ND	0.001	ND	
	1-Apr-97	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.007	ND	
	1-Jul-97	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	
	29-Oct-97	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.001	ND	ND	ND	0.001	ND	
	14-Jan-99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	
	10-Apr-99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	
	22-Jul-98	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	
	14-Oct-98	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.002	ND	
	6-Jan-99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	
	7-Apr-99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	
	9-Jul-99	ND	0.001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.001	ND	
	28-Oct-99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	
	28-Oct-99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	
	9-Feb-00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	
	9-Feb-00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	
	27-Apr-00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	
	27-Apr-00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	
	27-Jun-00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	
	27-Jun-00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	
	27-Jul-00	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	24-Aug-00	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	27-Sep-00	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	18-Oct-00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	18-Oct-00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	30-Nov-00	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	13-Dec-00	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	11-Jan-00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	11-Jan-00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	15-Feb-01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	21-Mar-01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	18-Apr-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	18-Apr-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	14-Aug-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	6-Nov-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	7-May-02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	29-Aug-02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	14-Nov-02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	21-Apr-03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	29-Sep-03	0.003	ND	ND	ND	ND	ND	ND	ND	ND	0.003	ND						
	4-Feb-04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	29-Jun-04	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.001	ND	ND	ND	ND	ND	0.001	ND
	17-Nov-04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.001	ND
	25-Mar-05	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.001	ND	ND	ND	ND	ND	0.001	ND
	6-Jul-05	ND	ND	ND	ND	ND	ND	ND	ND	0.002	ND	ND	ND	ND	ND	ND	0.002	ND
	20-Sep-05	ND	ND	ND	ND	ND	ND	ND	ND	0.001	ND	ND	ND	ND	ND	ND	0.001	ND
	12-Dec-05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	15-Mar-06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	22-Jun-06	ND	ND	ND	ND	ND	ND	ND	ND	0.001	ND	ND	ND	ND	ND	ND	0.001	ND
	25-Sep-06	ND	ND	ND	ND	ND	ND	ND	ND	0.001	ND	ND	ND	ND	ND	ND	0.001	ND

**TABLE 1**  
**ANALYTICAL DATA**

Well ID	Date	CB (mg/l)	1,2-DCB (mg/l)	1,3-DCB (mg/l)	1,4-DCB (mg/l)	1,1-DCA (mg/l)	1,2-DCA (mg/l)	1,1-DCE (mg/l)	Cis-1,2-DCE (mg/l)	Ethyl-benzene (mg/l)	PCE (mg/l)	Toluene (mg/l)	1,1,1-TCA (mg/l)	1,1,2-TCA (mg/l)	Vinyl-Chloride (mg/l)	Xylenes (mg/l)	Total VOCs (mg/l)	Mineral Spirits (mg/l)
		0.0050	0.0030	0.0030	0.0030	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050	0.0020	0.0050	NA	0.050
	18-Dec-06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	26-Mar-07	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	25-Jun-07	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	19-Sep-07	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	17-Dec-07	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	28-Mar-08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	18-Jun-08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	24-Sep-08	ND	ND	ND	ND	ND	ND	ND	ND	0.0010	ND	ND	ND	ND	ND	0.0010	ND	
	17-Dec-08	ND	ND	ND	ND	ND	ND	ND	ND	0.0012	ND	ND	ND	ND	ND	ND	0.0012	ND
	11-Mar-09	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	

**Table 2 - Field Data Water Quality Key**

Temperatuure recorded in °C
Conductivity measured in µS
Dissolved Oxygen measured in mg/L
Eh measured in mV
Ozone measured in mg/L

Sampling Date	Compound							
	Depth to Water (ft)	Water Table Elevation	Temperature °	pH	Cond.	D.O.	Eh	Ozone
06-Jul-05	11.33	86.92	13.0	7.23	683	3.35	n/m	n/m
20-Sep-05	12.47	85.78	15.3	7.41	658	3.75	95	over range
12-Dec-05	10.74	87.51	12.7	8.01	563	4.20	100	n/m
15-Mar-06	10.49	87.76	11.5	7.24	1143	5.15	146	0.15
22-Jun-06	10.80	87.45	14.0	7.07	1285	5.42	152	0.21
25-Sep-06	10.89	87.36	14.4	7.02	1464	3.83	429	n/m
18-Dec-06	10.60	87.65	14.1	7.18	1344	3.85	-116	n/m
26-Mar-07	10.23	88.02	12.5	7.07	1191	2.80	-28	n/m
25-Jun-07	10.92	87.33	13.6	7.06	1049	2.06	-3	n/m
19-Sep-07	11.68	86.57	15.8	7.21	1303	3.11	-35	n/m
21-Dec-07	11.69	86.56	13.8	7.11	1122	3.10	-10	n/m
28-Mar-08	10.42	87.83	12.3	7.04	814	2.85	-98	n/m
18-Jun-08	11.23	87.02	13.0	7.19	1062	3.00	-100	n/m
24-Sep-08	11.30	86.95	14.4	6.96	1422	3.90	160	n/m
17-Dec-08	10.54	87.71	12.9	7.28	978	2.92	88	n/m
11-Mar-09	10.09	88.16	11.7	7.23	1458	2.74	122	n/m
Sampling Date	Compound							
	Depth to Water (ft)	Water Table Elevation	Temperature °	pH	Cond.	D.O.	Eh	Ozone
06-Jul-05	11.09	87.04	13.4	7.05	773	2.2	n/m	n/m
20-Sep-05	11.60	86.53	17.3	7.13	787	2.40	<-80	0.09
12-Dec-05	10.00	88.13	11.0	7.33	641	1.81	<-80	n/m
15-Mar-06	NS	NS	NS	NS	NS	NS	NS	NS
22-Jun-06	10.60	87.53	16.0	7.01	1350	4.25	-50	0.2
25-Sep-06	10.73	87.40	17.0	7.06	1275	2.30	-65	n/m
18-Dec-06	10.45	87.68	14.5	7.09	1274	2.80	-100	n/m
26-Mar-07	10.05	88.08	12.4	7.03	1169	2.15	-110	n/m
25-Jun-07	10.71	87.42	14.0	7.1	1194	3.00	-140	n/m
19-Sep-07	11.49	86.64	16.9	7.02	1133	2.95	-100	n/m
19-Dec-07	11.48	86.65	15.3	7.07	863	2.95	-75	n/m
28-Mar-08	10.26	87.87	12.3	7.05	941	2.56	-157	n/m
18-Jun-08	11.00	87.13	13.2	7.02	1047	2.85	-150	n/m
24-Sep-08	11.12	87.01	16.7	6.79	969	1.81	-88	n/m
17-Dec-08	10.38	87.75	14.5	7.01	1015	1.74	-87	n/m
11-Mar-09	9.90	88.23	10.8	7.20	951	1.95	-58	n/m

Sampling Date	Compound						
	Depth to Water (ft)	Water Table Elevation	Temperature °	pH	Cond.	D.O.	Eh
06-Jul-05 9.58	87.39	13.4	7.15	561	2.22	n/m	n/m
20-Sep-05 10.50	86.47	18.8	7.43	525	2.21	<-80	0.27
12-Dec-05 9.10	87.87	12.5	7.23	507	2.81	<-80	n/m
15-Mar-06 8.73	88.24	10.1	6.98	913	2.90	-8	>1.5
22-Jun-06 9.05	87.92	14.0	6.92	847	3.58	-53	>1.5
25-Sep-06 9.15	87.82	17.0	7.04	707	3.55	-73	n/m
18-Dec-06 8.98	87.99	15.0	7.04	800	2.48	-122	n/m
26-Mar-07 8.33	88.64	10.5	7.03	722	2.50	-115	n/m
25-Jun-07 9.18	87.79	12.8	7.07	830	2.77	-123	n/m
19-Sep-07 9.99	86.98	17.8	7.12	646	2.98	-95	n/m
19-Dec-07 10.07	86.9	13.7	7.07	678	2.47	-105	n/m
28-Mar-08 8.63	88.34	9.8	7.09	903	2.45	-170	n/m
18-Jun-08 9.35	87.62	12.6	7.04	870	2.95	-125	n/m
24-Sep-08 9.50	87.47	17.5	6.74	854	1.93	-47	n/m
17-Dec-08 8.65	88.32	12.8	6.99	1310	1.89	-25	n/m
11-Mar-09 7.73	89.24	9.0	7.10	1301	1.80	52	n/m
<b>GT-4</b>	Compound						
Sampling Date	Depth to Water (ft)	Water Table Elevation	Temperature °	pH	Cond.	D.O.	Eh
06-Jul-05 8.28	87.60	12.7	7.03	697	2.92	n/m	n/m
20-Sep-05 9.19	86.69	17.4	7.23	680	2.10	15	-0.42
12-Dec-05 7.77	88.11	13.5	7.35	603	3.00	50	n/m
15-Mar-06 7.66	88.22	11.2	7.00	1036	3.10	40	0.4
22-Jun-06 7.90	87.98	13.5	7.15	1049	3.90	-23	>1.5
25-Sep-06 7.94	87.94	16.5	7.04	1025	4.00	60	n/m
18-Dec-06 7.80	88.08	14.8	7.02	851	2.95	-88	n/m
26-Mar-07 7.30	88.58	10.5	7.03	703	3.15	-81	n/m
25-Jun-07 7.95	87.93	13	7.07	1144	3.06	-66	n/m
19-Sep-07 8.58	87.30	17.2	7.03	1087	3.85	-60	n/m
19-Dec-07 8.55	87.33	14.7	7.07	826	3.05	-60	n/m
28-Mar-08 7.56	88.32	9.3	7.06	1040	3.55	-120	n/m
18-Jun-08 8.12	87.76	12.3	7.04	1021	3.65	-105	n/m
24-Sep-08 8.26	87.62	16.4	6.77	1199	1.39	62	n/m
17-Dec-08 7.56	88.32	13.5	7.15	762	2.25	26	n/m
11-Mar-09 6.97	88.91	9.1	7.15	1465	3.58	47	n/m
<b>GT-5</b>	Compound						
Sampling Date	Depth to Water (ft)	Water Table Elevation	Temperature °	pH	Cond.	D.O.	Eh
06-Jul-05 9.35	87.13	13.6	7.23	867	3.79	n/m	n/m
20-Sep-05 9.70	86.78	16.0	7.33	800	3.28	85	0.27
12-Dec-05 8.80	87.68	13.0	7.61	633	2.70	95	n/m
15-Mar-06 8.56	87.92	11.8	7.03	1438	4.91	108	0.20
22-Jun-06 8.84	87.64	15.0	6.90	1489	4.22	151	0.11
25-Sep-06 8.98	87.50	15.0	7.05	1438	4.15	82	n/m
18-Dec-06 8.65	87.83	13.3	7.21	1132	2.50	-28	n/m
26-Mar-07 8.27	88.21	12.4	7.06	1062	2.50	-61	n/m
25-Jun-07 8.97	87.51	14.5	7.08	1243	2.25	-8	n/m
19-Sep-07 9.75	86.73	15.1	7.13	1161	2.80	-50	n/m
19-Dec-07 9.78	86.7	13.2	7.05	1037	3.05	-60	n/m
28-Mar-08 8.44	88.04	12.6	7.05	950	2.88	-91	n/m
18-Jun-08 9.27	87.21	13.8	7.03	1126	3.05	-65	n/m
24-Sep-08 9.35	87.13	15.4	6.72	1336	2.80	142	n/m
17-Dec-08 8.60	87.88	12.9	7.00	1288	3.40	-73	n/m
11-Mar-09 8.11	88.37	12.2	7.25	1171	3.05	108	n/m

**Attachment 4**  
**Laboratory Report**



# ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis  
110 Technology Parkway, Norcross, GA 30092  
(770) 734-4200 FAX (770) 734-4201

## Laboratory Report

**Prepared For:**

**Safety-Kleen Corporation - Cincinnati**  
**11923 Tramway Drive**  
**Cincinnati, OH 45241**

**Attention: Mr. Steve Fleming**

**Report Number: ASC0417**

**March 25, 2009**

**Project: SK-Thornwood, NY**

**Project #:[none]**

**P.O. No. REQ**

We appreciate the opportunity to provide the analytical support for your project. The analytical results in this report are based upon information supplied by you, the client, and are for your exclusive use. If you have any questions regarding this data package, please do not hesitate to call.

Approved:

Elizabeth Bryant  
Project Manager

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# ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis  
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Safety-Kleen Corporation - Cincinnati  
11923 Tramway Drive  
Cincinnati OH, 45241  
Attention: Mr. Steve Fleming

March 25, 2009

## ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
GT-1R	ASC0417-01	Ground Water	03/11/09 21:15	03/13/09 09:15
GT-2R	ASC0417-02	Ground Water	03/11/09 20:40	03/13/09 09:15
GT-3	ASC0417-03	Ground Water	03/11/09 19:00	03/13/09 09:15
GT-4	ASC0417-04	Ground Water	03/11/09 19:40	03/13/09 09:15
GT-5	ASC0417-05	Ground Water	03/11/09 20:15	03/13/09 09:15
X-1	ASC0417-06	Ground Water	03/11/09 00:00	03/13/09 09:15
Trip Blank	ASC0417-07	Water	03/11/09 00:00	03/13/09 09:15



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11923 Tramway Drive  
Cincinnati OH, 45241  
Attention: Mr. Steve Fleming

March 25, 2009

Report No.: ASC0417

Lab Number ID: ASC0417-01

Client ID: GT-1R

Date/Time Received: 3/13/2009 9:15:00AM

Date/Time Sampled: 3/11/2009 9:15:00PM

Matrix: Ground Water

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
<b>Volatile Organic Compounds by EPA 8260</b>										
Benzene	ND	1.0	ug/L	EPA 8260B	1	3/17/09 12:00	3/17/09 17:23	A903442	smh	
Bromobenzene	ND	1.0	ug/L	EPA 8260B	1	3/17/09 12:00	3/17/09 17:23	A903442	smh	
Bromodichloromethane	ND	1.0	ug/L	EPA 8260B	1	3/17/09 12:00	3/17/09 17:23	A903442	smh	
Bromoform	ND	1.0	ug/L	EPA 8260B	1	3/17/09 12:00	3/17/09 17:23	A903442	smh	
Bromomethane	ND	2.0	ug/L	EPA 8260B	1	3/17/09 12:00	3/17/09 17:23	A903442	smh	
Carbon Tetrachloride	ND	2.0	ug/L	EPA 8260B	1	3/17/09 12:00	3/17/09 17:23	A903442	smh	
Chlorobenzene	ND	1.0	ug/L	EPA 8260B	1	3/17/09 12:00	3/17/09 17:23	A903442	smh	
Chloroethane	ND	1.0	ug/L	EPA 8260B	1	3/17/09 12:00	3/17/09 17:23	A903442	smh	
Chloroform	ND	1.0	ug/L	EPA 8260B	1	3/17/09 12:00	3/17/09 17:23	A903442	smh	
Chloromethane	ND	1.0	ug/L	EPA 8260B	1	3/17/09 12:00	3/17/09 17:23	A903442	smh	
2-Chlorotoluene	ND	1.0	ug/L	EPA 8260B	1	3/17/09 12:00	3/17/09 17:23	A903442	smh	
4-Chlorotoluene	ND	1.0	ug/L	EPA 8260B	1	3/17/09 12:00	3/17/09 17:23	A903442	smh	
Dibromochloromethane	ND	1.0	ug/L	EPA 8260B	1	3/17/09 12:00	3/17/09 17:23	A903442	smh	
Dibromomethane	ND	1.0	ug/L	EPA 8260B	1	3/17/09 12:00	3/17/09 17:23	A903442	smh	
1,3-Dichlorobenzene	ND	1.0	ug/L	EPA 8260B	1	3/17/09 12:00	3/17/09 17:23	A903442	smh	
1,4-Dichlorobenzene	ND	1.0	ug/L	EPA 8260B	1	3/17/09 12:00	3/17/09 17:23	A903442	smh	
Dichlorodifluoromethane	ND	1.0	ug/L	EPA 8260B	1	3/17/09 12:00	3/17/09 17:23	A903442	smh	
1,1-Dichloroethane	ND	1.0	ug/L	EPA 8260B	1	3/17/09 12:00	3/17/09 17:23	A903442	smh	
1,2-Dichloroethane	ND	1.0	ug/L	EPA 8260B	1	3/17/09 12:00	3/17/09 17:23	A903442	smh	
1,1-Dichloroethene	ND	1.0	ug/L	EPA 8260B	1	3/17/09 12:00	3/17/09 17:23	A903442	smh	
cis-1,2-Dichloroethene	ND	1.0	ug/L	EPA 8260B	1	3/17/09 12:00	3/17/09 17:23	A903442	smh	
trans-1,2-Dichloroethene	ND	1.0	ug/L	EPA 8260B	1	3/17/09 12:00	3/17/09 17:23	A903442	smh	
1,2-Dichlonopropane	ND	1.0	ug/L	EPA 8260B	1	3/17/09 12:00	3/17/09 17:23	A903442	smh	
trans-1,3-Dichloropropene	ND	1.0	ug/L	EPA 8260B	1	3/17/09 12:00	3/17/09 17:23	A903442	smh	
Ethylbenzene	ND	1.0	ug/L	EPA 8260B	1	3/17/09 12:00	3/17/09 17:23	A903442	smh	
Methylene Chloride	ND	1.0	ug/L	EPA 8260B	1	3/17/09 12:00	3/17/09 17:23	A903442	smh	
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	EPA 8260B	1	3/17/09 12:00	3/17/09 17:23	A903442	smh	
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	EPA 8260B	1	3/17/09 12:00	3/17/09 17:23	A903442	smh	
Tetrachloroethene	3.4	1.0	ug/L	EPA 8260B	1	3/17/09 12:00	3/17/09 17:23	A903442	smh	
Toluene	ND	1.0	ug/L	EPA 8260B	1	3/17/09 12:00	3/17/09 17:23	A903442	smh	
1,1,1-Trichloroethane	ND	1.0	ug/L	EPA 8260B	1	3/17/09 12:00	3/17/09 17:23	A903442	smh	
1,1,2-Trichloroethane	ND	1.0	ug/L	EPA 8260B	1	3/17/09 12:00	3/17/09 17:23	A903442	smh	
Trichloroethene	ND	1.0	ug/L	EPA 8260B	1	3/17/09 12:00	3/17/09 17:23	A903442	smh	
Trichlorofluoromethane	ND	1.0	ug/L	EPA 8260B	1	3/17/09 12:00	3/17/09 17:23	A903442	smh	
1,2,3-Trichloropropane	ND	1.0	ug/L	EPA 8260B	1	3/17/09 12:00	3/17/09 17:23	A903442	smh	
Vinyl Chloride	ND	2.0	ug/L	EPA 8260B	1	3/17/09 12:00	3/17/09 17:23	A903442	smh	



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Safety-Kleen Corporation - Cincinnati  
11923 Tramway Drive  
Cincinnati OH, 45241  
Attention: Mr. Steve Fleming

March 25, 2009

Report No.: ASC0417

Lab Number ID: ASC0417-01

Client ID: GT-1R

Date/Time Received: 3/13/2009 9:15:00AM

Date/Time Sampled: 3/11/2009 9:15:00PM

Matrix: Ground Water

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
<b>Volatile Organic Compounds by EPA 8260</b>										
Xylenes, total	ND	1.0	ug/L	EPA 8260B		1	3/17/09 12:00	3/17/09 17:23	A903442	smh
Surrogate: Dibromofluoromethane	98 %	85-116		EPA 8260B			3/17/09 12:00	3/17/09 17:23	A903442	
Surrogate: 1,2-Dichloroethane-d4	99 %	78-125		EPA 8260B			3/17/09 12:00	3/17/09 17:23	A903442	
Surrogate: Toluene-d8	92 %	87-113		EPA 8260B			3/17/09 12:00	3/17/09 17:23	A903442	
Surrogate: 4-Bromofluorobenzene	102 %	87-123		EPA 8260B			3/17/09 12:00	3/17/09 17:23	A903442	
<b>Organics</b>										
Mineral Spirits	ND	50	ug/L	EPA 8260B		1	3/17/09 8:30	3/17/09 16:04	A903465	SMH
Surrogate: 4-Bromofluorobenzene	96 %	43-163		EPA 8260B			3/17/09 8:30	3/17/09 16:04	A903465	



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11923 Tramway Drive  
Cincinnati OH, 45241  
Attention: Mr. Steve Fleming

March 25, 2009

Report No.: ASC0417

Lab Number ID: ASC0417-02

Client ID: GT-2R

Date/Time Received: 3/13/2009 9:15:00AM

Date/Time Sampled: 3/11/2009 8:40:00PM

Matrix: Ground Water

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
<b>Volatile Organic Compounds by EPA 8260</b>										
Benzene	ND	1.0	ug/L	EPA 8260B	1	3/17/09 15:00	3/17/09 18:01	A903440	smh	
Bromobenzene	1.2	1.0	ug/L	EPA 8260B	1	3/17/09 15:00	3/17/09 18:01	A903440	smh	
Bromodichloromethane	1.5	1.0	ug/L	EPA 8260B	1	3/17/09 15:00	3/17/09 18:01	A903440	smh	
Bromoform	ND	1.0	ug/L	EPA 8260B	1	3/17/09 15:00	3/17/09 18:01	A903440	smh	
Bromomethane	ND	2.0	ug/L	EPA 8260B	1	3/17/09 15:00	3/17/09 18:01	A903440	smh	
Carbon Tetrachloride	ND	2.0	ug/L	EPA 8260B	1	3/17/09 15:00	3/17/09 18:01	A903440	smh	
Chlorobenzene	2.5	1.0	ug/L	EPA 8260B	1	3/17/09 15:00	3/17/09 18:01	A903440	smh	
Chloroethane	ND	1.0	ug/L	EPA 8260B	1	3/17/09 15:00	3/17/09 18:01	A903440	smh	
Chloroform	ND	1.0	ug/L	EPA 8260B	1	3/17/09 15:00	3/17/09 18:01	A903440	smh	
Chloromethane	ND	1.0	ug/L	EPA 8260B	1	3/17/09 15:00	3/17/09 18:01	A903440	smh	
2-Chlorotoluene	ND	1.0	ug/L	EPA 8260B	1	3/17/09 15:00	3/17/09 18:01	A903440	smh	
4-Chlorotoluene	ND	1.0	ug/L	EPA 8260B	1	3/17/09 15:00	3/17/09 18:01	A903440	smh	
Dibromochloromethane	ND	1.0	ug/L	EPA 8260B	1	3/17/09 15:00	3/17/09 18:01	A903440	smh	
Dibromomethane	ND	1.0	ug/L	EPA 8260B	1	3/17/09 15:00	3/17/09 18:01	A903440	smh	
1,3-Dichlorobenzene	ND	1.0	ug/L	EPA 8260B	1	3/17/09 15:00	3/17/09 18:01	A903440	smh	
1,4-Dichlorobenzene	1.8	1.0	ug/L	EPA 8260B	1	3/17/09 15:00	3/17/09 18:01	A903440	smh	
Dichlorodifluoromethane	ND	1.0	ug/L	EPA 8260B	1	3/17/09 15:00	3/17/09 18:01	A903440	smh	
1,1-Dichloroethane	ND	1.0	ug/L	EPA 8260B	1	3/17/09 15:00	3/17/09 18:01	A903440	smh	
1,2-Dichloroethane	ND	1.0	ug/L	EPA 8260B	1	3/17/09 15:00	3/17/09 18:01	A903440	smh	
1,1-Dichloroethene	ND	1.0	ug/L	EPA 8260B	1	3/17/09 15:00	3/17/09 18:01	A903440	smh	
cis-1,2-Dichloroethene	ND	1.0	ug/L	EPA 8260B	1	3/17/09 15:00	3/17/09 18:01	A903440	smh	
trans-1,2-Dichloroethene	ND	1.0	ug/L	EPA 8260B	1	3/17/09 15:00	3/17/09 18:01	A903440	smh	
1,2-Dichloropropane	ND	1.0	ug/L	EPA 8260B	1	3/17/09 15:00	3/17/09 18:01	A903440	smh	
trans-1,3-Dichloropropene	ND	1.0	ug/L	EPA 8260B	1	3/17/09 15:00	3/17/09 18:01	A903440	smh	
Ethylbenzene	ND	1.0	ug/L	EPA 8260B	1	3/17/09 15:00	3/17/09 18:01	A903440	smh	
Methylene Chloride	ND	1.0	ug/L	EPA 8260B	1	3/17/09 15:00	3/17/09 18:01	A903440	smh	
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	EPA 8260B	1	3/17/09 15:00	3/17/09 18:01	A903440	smh	
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	EPA 8260B	1	3/17/09 15:00	3/17/09 18:01	A903440	smh	
Tetrachloroethene	ND	1.0	ug/L	EPA 8260B	1	3/17/09 15:00	3/17/09 18:01	A903440	smh	
Toluene	ND	1.0	ug/L	EPA 8260B	1	3/17/09 15:00	3/17/09 18:01	A903440	smh	
1,1,1-Trichloroethane	ND	1.0	ug/L	EPA 8260B	1	3/17/09 15:00	3/17/09 18:01	A903440	smh	
1,1,2-Trichloroethane	ND	1.0	ug/L	EPA 8260B	1	3/17/09 15:00	3/17/09 18:01	A903440	smh	
Trichloroethene	ND	1.0	ug/L	EPA 8260B	1	3/17/09 15:00	3/17/09 18:01	A903440	smh	
Trichlorofluoromethane	ND	1.0	ug/L	EPA 8260B	1	3/17/09 15:00	3/17/09 18:01	A903440	smh	
1,2,3-Trichloropropane	ND	1.0	ug/L	EPA 8260B	1	3/17/09 15:00	3/17/09 18:01	A903440	smh	
Vinyl Chloride	ND	2.0	ug/L	EPA 8260B	1	3/17/09 15:00	3/17/09 18:01	A903440	smh	



# ANALYTICAL SERVICES, INC.

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Safety-Kleen Corporation - Cincinnati  
11923 Tramway Drive  
Cincinnati OH, 45241  
Attention: Mr. Steve Fleming

March 25, 2009

Report No.: ASC0417

Lab Number ID: ASC0417-02

Client ID: GT-2R

Date/Time Received: 3/13/2009 9:15:00AM

Date/Time Sampled: 3/11/2009 8:40:00PM

Matrix: Ground Water

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
<b>Volatile Organic Compounds by EPA 8260</b>										
Xylenes, total	ND	1.0	ug/L	EPA 8260B		1	3/17/09 15:00	3/17/09 18:01	A903440	smh
Surrogate: Dibromofluoromethane	100 %	85-116		EPA 8260B			3/17/09 15:00	3/17/09 18:01	A903440	
Surrogate: 1,2-Dichloroethane-d4	99 %	78-125		EPA 8260B			3/17/09 15:00	3/17/09 18:01	A903440	
Surrogate: Toluene-d8	93 %	87-113		EPA 8260B			3/17/09 15:00	3/17/09 18:01	A903440	
Surrogate: 4-Bromofluorobenzene	100 %	87-123		EPA 8260B			3/17/09 15:00	3/17/09 18:01	A903440	
<b>Organics</b>										
Mineral Spirits	2000	100	ug/L	EPA 8260B		2	3/18/09 8:00	3/18/09 11:29	A903465	SMH
Surrogate: 4-Bromofluorobenzene	105 %	43-163		EPA 8260B			3/18/09 8:00	3/18/09 11:29	A903465	



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11923 Tramway Drive  
Cincinnati OH, 45241  
Attention: Mr. Steve Fleming

March 25, 2009

Report No.: ASC0417

Lab Number ID: ASC0417-03

Client ID: GT-3

Date/Time Received: 3/13/2009 9:15:00AM

Date/Time Sampled: 3/11/2009 7:00:00PM

Matrix: Ground Water

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
<b>Volatile Organic Compounds by EPA 8260</b>										
Benzene	ND	1.0	ug/L	EPA 8260B	1	3/17/09 12:00	3/17/09 17:42	A903442	smh	
Bromobenzene	ND	1.0	ug/L	EPA 8260B	1	3/17/09 12:00	3/17/09 17:42	A903442	smh	
Bromodichloromethane	ND	1.0	ug/L	EPA 8260B	1	3/17/09 12:00	3/17/09 17:42	A903442	smh	
Bromoform	ND	1.0	ug/L	EPA 8260B	1	3/17/09 12:00	3/17/09 17:42	A903442	smh	
Bromomethane	ND	2.0	ug/L	EPA 8260B	1	3/17/09 12:00	3/17/09 17:42	A903442	smh	
Carbon Tetrachloride	ND	2.0	ug/L	EPA 8260B	1	3/17/09 12:00	3/17/09 17:42	A903442	smh	
Chlorobenzene	ND	1.0	ug/L	EPA 8260B	1	3/17/09 12:00	3/17/09 17:42	A903442	smh	
Chloroethane	ND	1.0	ug/L	EPA 8260B	1	3/17/09 12:00	3/17/09 17:42	A903442	smh	
Chloroform	ND	1.0	ug/L	EPA 8260B	1	3/17/09 12:00	3/17/09 17:42	A903442	smh	
Chloromethane	ND	1.0	ug/L	EPA 8260B	1	3/17/09 12:00	3/17/09 17:42	A903442	smh	
2-Chlorotoluene	ND	1.0	ug/L	EPA 8260B	1	3/17/09 12:00	3/17/09 17:42	A903442	smh	
4-Chlorotoluene	ND	1.0	ug/L	EPA 8260B	1	3/17/09 12:00	3/17/09 17:42	A903442	smh	
Dibromochloromethane	ND	1.0	ug/L	EPA 8260B	1	3/17/09 12:00	3/17/09 17:42	A903442	smh	
Dibromomethane	ND	1.0	ug/L	EPA 8260B	1	3/17/09 12:00	3/17/09 17:42	A903442	smh	
1,3-Dichlorobenzene	ND	1.0	ug/L	EPA 8260B	1	3/17/09 12:00	3/17/09 17:42	A903442	smh	
1,4-Dichlorobenzene	ND	1.0	ug/L	EPA 8260B	1	3/17/09 12:00	3/17/09 17:42	A903442	smh	
Dichlorodifluoromethane	ND	1.0	ug/L	EPA 8260B	1	3/17/09 12:00	3/17/09 17:42	A903442	smh	
1,1-Dichloroethane	ND	1.0	ug/L	EPA 8260B	1	3/17/09 12:00	3/17/09 17:42	A903442	smh	
1,2-Dichloroethane	ND	1.0	ug/L	EPA 8260B	1	3/17/09 12:00	3/17/09 17:42	A903442	smh	
1,1-Dichloroethene	ND	1.0	ug/L	EPA 8260B	1	3/17/09 12:00	3/17/09 17:42	A903442	smh	
cis-1,2-Dichloroethene	ND	1.0	ug/L	EPA 8260B	1	3/17/09 12:00	3/17/09 17:42	A903442	smh	
trans-1,2-Dichloroethene	ND	1.0	ug/L	EPA 8260B	1	3/17/09 12:00	3/17/09 17:42	A903442	smh	
1,2-Dichloropropane	ND	1.0	ug/L	EPA 8260B	1	3/17/09 12:00	3/17/09 17:42	A903442	smh	
trans-1,3-Dichloropropene	ND	1.0	ug/L	EPA 8260B	1	3/17/09 12:00	3/17/09 17:42	A903442	smh	
Ethylbenzene	ND	1.0	ug/L	EPA 8260B	1	3/17/09 12:00	3/17/09 17:42	A903442	smh	
Methylene Chloride	ND	1.0	ug/L	EPA 8260B	1	3/17/09 12:00	3/17/09 17:42	A903442	smh	
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	EPA 8260B	1	3/17/09 12:00	3/17/09 17:42	A903442	smh	
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	EPA 8260B	1	3/17/09 12:00	3/17/09 17:42	A903442	smh	
Tetrachloroethene	ND	1.0	ug/L	EPA 8260B	1	3/17/09 12:00	3/17/09 17:42	A903442	smh	
Toluene	ND	1.0	ug/L	EPA 8260B	1	3/17/09 12:00	3/17/09 17:42	A903442	smh	
1,1,1-Trichloroethane	ND	1.0	ug/L	EPA 8260B	1	3/17/09 12:00	3/17/09 17:42	A903442	smh	
1,1,2-Trichloroethane	ND	1.0	ug/L	EPA 8260B	1	3/17/09 12:00	3/17/09 17:42	A903442	smh	
Trichloroethene	ND	1.0	ug/L	EPA 8260B	1	3/17/09 12:00	3/17/09 17:42	A903442	smh	
Trichlorofluoromethane	ND	1.0	ug/L	EPA 8260B	1	3/17/09 12:00	3/17/09 17:42	A903442	smh	
1,2,3-Trichloropropane	ND	1.0	ug/L	EPA 8260B	1	3/17/09 12:00	3/17/09 17:42	A903442	smh	
Vinyl Chloride	ND	2.0	ug/L	EPA 8260B	1	3/17/09 12:00	3/17/09 17:42	A903442	smh	



# ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis  
110 Technology Parkway, Norcross, GA 30092  
(770) 734-4200 FAX (770) 734-4201

Safety-Kleen Corporation - Cincinnati  
11923 Tramway Drive  
Cincinnati OH, 45241  
Attention: Mr. Steve Fleming

March 25, 2009

Report No.: ASC0417

Lab Number ID: ASC0417-03

Client ID: GT-3

Date/Time Received: 3/13/2009 9:15:00AM

Date/Time Sampled: 3/11/2009 7:00:00PM

Matrix: Ground Water

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
<b>Volatile Organic Compounds by EPA 8260</b>										
Xylenes, total	ND	1.0	ug/L	EPA 8260B		1	3/17/09 12:00	3/17/09 17:42	A903442	smh
Surrogate: Dibromofluoromethane	96 %	85-116		EPA 8260B			3/17/09 12:00	3/17/09 17:42	A903442	
Surrogate: 1,2-Dichloroethane-d4	98 %	78-125		EPA 8260B			3/17/09 12:00	3/17/09 17:42	A903442	
Surrogate: Toluene-d8	94 %	87-113		EPA 8260B			3/17/09 12:00	3/17/09 17:42	A903442	
Surrogate: 4-Bromofluorobenzene	99 %	87-123		EPA 8260B			3/17/09 12:00	3/17/09 17:42	A903442	
<b>Organics</b>										
Mineral Spirits	ND	50	ug/L	EPA 8260B		1	3/17/09 8:30	3/17/09 17:23	A903465	SMH
Surrogate: 4-Bromofluorobenzene	94 %	43-163		EPA 8260B			3/17/09 8:30	3/17/09 17:23	A903465	



# ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis  
110 Technology Parkway, Norcross, GA 30092  
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Safety-Kleen Corporation - Cincinnati  
11923 Tramway Drive  
Cincinnati OH, 45241  
Attention: Mr. Steve Fleming

March 25, 2009

Report No.: ASC0417

Lab Number ID: ASC0417-04

Client ID: GT-4

Date/Time Received: 3/13/2009 9:15:00AM

Date/Time Sampled: 3/11/2009 7:40:00PM

Matrix: Ground Water

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
<b>Volatile Organic Compounds by EPA 8260</b>										
Benzene	ND	1.0	ug/L	EPA 8260B	1	3/16/09 14:00	3/16/09 22:28	A903442	GN	
Bromobenzene	ND	1.0	ug/L	EPA 8260B	1	3/16/09 14:00	3/16/09 22:28	A903442	GN	
Bromodichloromethane	ND	1.0	ug/L	EPA 8260B	1	3/16/09 14:00	3/16/09 22:28	A903442	GN	
Bromoform	ND	1.0	ug/L	EPA 8260B	1	3/16/09 14:00	3/16/09 22:28	A903442	GN	
Bromomethane	ND	2.0	ug/L	EPA 8260B	1	3/16/09 14:00	3/16/09 22:28	A903442	GN	
Carbon Tetrachloride	ND	2.0	ug/L	EPA 8260B	1	3/16/09 14:00	3/16/09 22:28	A903442	GN	
Chlorobenzene	ND	1.0	ug/L	EPA 8260B	1	3/16/09 14:00	3/16/09 22:28	A903442	GN	
Chloroethane	ND	1.0	ug/L	EPA 8260B	1	3/16/09 14:00	3/16/09 22:28	A903442	GN	
Chloroform	ND	1.0	ug/L	EPA 8260B	1	3/16/09 14:00	3/16/09 22:28	A903442	GN	
Chloromethane	ND	1.0	ug/L	EPA 8260B	1	3/16/09 14:00	3/16/09 22:28	A903442	GN	
2-Chlorotoluene	ND	1.0	ug/L	EPA 8260B	1	3/16/09 14:00	3/16/09 22:28	A903442	GN	
4-Chlorotoluene	ND	1.0	ug/L	EPA 8260B	1	3/16/09 14:00	3/16/09 22:28	A903442	GN	
Dibromochloromethane	ND	1.0	ug/L	EPA 8260B	1	3/16/09 14:00	3/16/09 22:28	A903442	GN	
Dibromomethane	ND	1.0	ug/L	EPA 8260B	1	3/16/09 14:00	3/16/09 22:28	A903442	GN	
1,3-Dichlorobenzene	ND	1.0	ug/L	EPA 8260B	1	3/16/09 14:00	3/16/09 22:28	A903442	GN	
1,4-Dichlorobenzene	ND	1.0	ug/L	EPA 8260B	1	3/16/09 14:00	3/16/09 22:28	A903442	GN	
Dichlorodifluoromethane	ND	1.0	ug/L	EPA 8260B	1	3/16/09 14:00	3/16/09 22:28	A903442	GN	
1,1-Dichloroethane	ND	1.0	ug/L	EPA 8260B	1	3/16/09 14:00	3/16/09 22:28	A903442	GN	
1,2-Dichloroethane	ND	1.0	ug/L	EPA 8260B	1	3/16/09 14:00	3/16/09 22:28	A903442	GN	
1,1-Dichloroethene	ND	1.0	ug/L	EPA 8260B	1	3/16/09 14:00	3/16/09 22:28	A903442	GN	
cis-1,2-Dichloroethene	ND	1.0	ug/L	EPA 8260B	1	3/16/09 14:00	3/16/09 22:28	A903442	GN	
trans-1,2-Dichloroethene	ND	1.0	ug/L	EPA 8260B	1	3/16/09 14:00	3/16/09 22:28	A903442	GN	
1,2-Dichloropropane	ND	1.0	ug/L	EPA 8260B	1	3/16/09 14:00	3/16/09 22:28	A903442	GN	
trans-1,3-Dichloropropene	ND	1.0	ug/L	EPA 8260B	1	3/16/09 14:00	3/16/09 22:28	A903442	GN	
Ethylbenzene	ND	1.0	ug/L	EPA 8260B	1	3/16/09 14:00	3/16/09 22:28	A903442	GN	
Methylene Chloride	ND	1.0	ug/L	EPA 8260B	1	3/16/09 14:00	3/16/09 22:28	A903442	GN	
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	EPA 8260B	1	3/16/09 14:00	3/16/09 22:28	A903442	GN	
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	EPA 8260B	1	3/16/09 14:00	3/16/09 22:28	A903442	GN	
Tetrachloroethene	ND	1.0	ug/L	EPA 8260B	1	3/16/09 14:00	3/16/09 22:28	A903442	GN	
Toluene	ND	1.0	ug/L	EPA 8260B	1	3/16/09 14:00	3/16/09 22:28	A903442	GN	
1,1,1-Trichloroethane	ND	1.0	ug/L	EPA 8260B	1	3/16/09 14:00	3/16/09 22:28	A903442	GN	
1,1,2-Trichloroethane	ND	1.0	ug/L	EPA 8260B	1	3/16/09 14:00	3/16/09 22:28	A903442	GN	
Trichloroethene	ND	1.0	ug/L	EPA 8260B	1	3/16/09 14:00	3/16/09 22:28	A903442	GN	
Trichlorofluoromethane	ND	1.0	ug/L	EPA 8260B	1	3/16/09 14:00	3/16/09 22:28	A903442	GN	
1,2,3-Trichloropropane	ND	1.0	ug/L	EPA 8260B	1	3/16/09 14:00	3/16/09 22:28	A903442	GN	
Vinyl Chloride	ND	2.0	ug/L	EPA 8260B	1	3/16/09 14:00	3/16/09 22:28	A903442	GN	



# ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis  
110 Technology Parkway, Norcross, GA 30092  
(770) 734-4200 FAX (770) 734-4201

Safety-Kleen Corporation - Cincinnati  
11923 Tramway Drive  
Cincinnati OH, 45241  
Attention: Mr. Steve Fleming

March 25, 2009

Report No.: ASC0417

Lab Number ID: ASC0417-04

Client ID: GT-4

Date/Time Received: 3/13/2009 9:15:00AM

Date/Time Sampled: 3/11/2009 7:40:00PM

Matrix: Ground Water

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
<b>Volatile Organic Compounds by EPA 8260</b>										
Xylenes, total	ND	1.0	ug/L	EPA 8260B		1	3/16/09 14:00	3/16/09 22:28	A903442	GN
Surrogate: Dibromofluoromethane	95 %	85-116		EPA 8260B			3/16/09 14:00	3/16/09 22:28	A903442	
Surrogate: 1,2-Dichloroethane-d4	98 %	78-125		EPA 8260B			3/16/09 14:00	3/16/09 22:28	A903442	
Surrogate: Toluene-d8	87 %	87-113		EPA 8260B			3/16/09 14:00	3/16/09 22:28	A903442	
Surrogate: 4-Bromofluorobenzene	98 %	87-123		EPA 8260B			3/16/09 14:00	3/16/09 22:28	A903442	
<b>Organics</b>										
Mineral Spirits	ND	50	ug/L	EPA 8260B		1	3/17/09 8:30	3/17/09 18:02	A903465	SMH
Surrogate: 4-Bromofluorobenzene	97 %	43-163		EPA 8260B			3/17/09 8:30	3/17/09 18:02	A903465	



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Environmental Monitoring & Laboratory Analysis  
110 Technology Parkway, Norcross, GA 30092  
(770) 734-4200 FAX (770) 734-4201

Safety-Kleen Corporation - Cincinnati  
11923 Tramway Drive  
Cincinnati OH, 45241  
Attention: Mr. Steve Fleming

March 25, 2009

Report No.: ASC0417  
Client ID: GT-5  
Date/Time Sampled: 3/11/2009 8:15:00PM  
Matrix: Ground Water

Lab Number ID: ASC0417-05

Date/Time Received: 3/13/2009 9:15:00AM

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
<b>Volatile Organic Compounds by EPA 8260</b>										
Benzene	ND	1.0	ug/L	EPA 8260B	1	3/18/09 13:00	3/18/09 13:48	A903442	smh	
Bromobenzene	ND	1.0	ug/L	EPA 8260B	1	3/18/09 13:00	3/18/09 13:48	A903442	smh	
Bromodichloromethane	ND	1.0	ug/L	EPA 8260B	1	3/18/09 13:00	3/18/09 13:48	A903442	smh	
Bromoform	ND	1.0	ug/L	EPA 8260B	1	3/18/09 13:00	3/18/09 13:48	A903442	smh	
Bromomethane	ND	2.0	ug/L	EPA 8260B	1	3/18/09 13:00	3/18/09 13:48	A903442	smh	
Carbon Tetrachloride	ND	2.0	ug/L	EPA 8260B	1	3/18/09 13:00	3/18/09 13:48	A903442	smh	
Chlorobenzene	ND	1.0	ug/L	EPA 8260B	1	3/18/09 13:00	3/18/09 13:48	A903442	smh	
Chloroethane	ND	1.0	ug/L	EPA 8260B	1	3/18/09 13:00	3/18/09 13:48	A903442	smh	
Chloroform	ND	1.0	ug/L	EPA 8260B	1	3/18/09 13:00	3/18/09 13:48	A903442	smh	
Chloromethane	ND	1.0	ug/L	EPA 8260B	1	3/18/09 13:00	3/18/09 13:48	A903442	smh	
2-Chlorotoluene	ND	1.0	ug/L	EPA 8260B	1	3/18/09 13:00	3/18/09 13:48	A903442	smh	
4-Chlorotoluene	ND	1.0	ug/L	EPA 8260B	1	3/18/09 13:00	3/18/09 13:48	A903442	smh	
Dibromochloromethane	ND	1.0	ug/L	EPA 8260B	1	3/18/09 13:00	3/18/09 13:48	A903442	smh	
Dibromomethane	ND	1.0	ug/L	EPA 8260B	1	3/18/09 13:00	3/18/09 13:48	A903442	smh	
1,3-Dichlorobenzene	ND	1.0	ug/L	EPA 8260B	1	3/18/09 13:00	3/18/09 13:48	A903442	smh	
1,4-Dichlorobenzene	ND	1.0	ug/L	EPA 8260B	1	3/18/09 13:00	3/18/09 13:48	A903442	smh	
Dichlorodifluoromethane	ND	1.0	ug/L	EPA 8260B	1	3/18/09 13:00	3/18/09 13:48	A903442	smh	
1,1-Dichloroethane	ND	1.0	ug/L	EPA 8260B	1	3/18/09 13:00	3/18/09 13:48	A903442	smh	
1,2-Dichloroethane	ND	1.0	ug/L	EPA 8260B	1	3/18/09 13:00	3/18/09 13:48	A903442	smh	
1,1-Dichloroethene	ND	1.0	ug/L	EPA 8260B	1	3/18/09 13:00	3/18/09 13:48	A903442	smh	
cis-1,2-Dichloroethene	ND	1.0	ug/L	EPA 8260B	1	3/18/09 13:00	3/18/09 13:48	A903442	smh	
trans-1,2-Dichloroethene	ND	1.0	ug/L	EPA 8260B	1	3/18/09 13:00	3/18/09 13:48	A903442	smh	
1,2-Dichloropropane	ND	1.0	ug/L	EPA 8260B	1	3/18/09 13:00	3/18/09 13:48	A903442	smh	
trans-1,3-Dichloropropene	ND	1.0	ug/L	EPA 8260B	1	3/18/09 13:00	3/18/09 13:48	A903442	smh	
Ethylbenzene	ND	1.0	ug/L	EPA 8260B	1	3/18/09 13:00	3/18/09 13:48	A903442	smh	
Methylene Chloride	ND	1.0	ug/L	EPA 8260B	1	3/18/09 13:00	3/18/09 13:48	A903442	smh	
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	EPA 8260B	1	3/18/09 13:00	3/18/09 13:48	A903442	smh	
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	EPA 8260B	1	3/18/09 13:00	3/18/09 13:48	A903442	smh	
Tetrachloroethene	ND	1.0	ug/L	EPA 8260B	1	3/18/09 13:00	3/18/09 13:48	A903442	smh	
Toluene	ND	1.0	ug/L	EPA 8260B	1	3/18/09 13:00	3/18/09 13:48	A903442	smh	
1,1,1-Trichloroethane	ND	1.0	ug/L	EPA 8260B	1	3/18/09 13:00	3/18/09 13:48	A903442	smh	
1,1,2-Trichloroethane	ND	1.0	ug/L	EPA 8260B	1	3/18/09 13:00	3/18/09 13:48	A903442	smh	
Trichloroethene	ND	1.0	ug/L	EPA 8260B	1	3/18/09 13:00	3/18/09 13:48	A903442	smh	
Trichlorofluoromethane	ND	1.0	ug/L	EPA 8260B	1	3/18/09 13:00	3/18/09 13:48	A903442	smh	
1,2,3-Trichloropropane	ND	1.0	ug/L	EPA 8260B	1	3/18/09 13:00	3/18/09 13:48	A903442	smh	
Vinyl Chloride	ND	2.0	ug/L	EPA 8260B	1	3/18/09 13:00	3/18/09 13:48	A903442	smh	



# ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis  
110 Technology Parkway, Norcross, GA 30092  
(770) 734-4200 FAX (770) 734-4201

Safety-Kleen Corporation - Cincinnati  
11923 Tramway Drive  
Cincinnati OH, 45241  
Attention: Mr. Steve Fleming

March 25, 2009

Report No.: ASC0417

Lab Number ID: ASC0417-05

Client ID: GT-5

Date/Time Received: 3/13/2009 9:16:00AM

Date/Time Sampled: 3/11/2009 8:15:00PM

Matrix: Ground Water

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
<b>Volatile Organic Compounds by EPA 8260</b>										
Xylenes, total	ND	1.0	ug/L	EPA 8260B		1	3/18/09 13:00	3/18/09 13:48	A903442	smh
Surrogate: Dibromofluoromethane	102 %	85-116		EPA 8260B			3/18/09 13:00	3/18/09 13:48	A903442	
Surrogate: 1,2-Dichloroethane-d4	101 %	78-125		EPA 8260B			3/18/09 13:00	3/18/09 13:48	A903442	
Surrogate: Toluene-d8	94 %	87-113		EPA 8260B			3/18/09 13:00	3/18/09 13:48	A903442	
Surrogate: 4-Bromofluorobenzene	100 %	87-123		EPA 8260B			3/18/09 13:00	3/18/09 13:48	A903442	
<b>Organics</b>										
Mineral Spirits	ND	50	ug/L	EPA 8260B		1	3/17/09 8:40	3/17/09 18:22	A903467	SMH
Surrogate: 4-Bromofluorobenzene	97 %	43-163		EPA 8260B			3/17/09 8:40	3/17/09 18:22	A903467	



# ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis  
110 Technology Parkway, Norcross, GA 30092  
(770) 734-4200 FAX (770) 734-4201

Safety-Kleen Corporation - Cincinnati  
11923 Tramway Drive  
Cincinnati OH, 45241  
Attention: Mr. Steve Fleming

March 25, 2009

Report No.: ASC0417

Lab Number ID: ASC0417-06

Client ID: X-1

Date/Time Received: 3/13/2009 9:15:00AM

Date/Time Sampled: 3/11/2009 12:00:00AM

Matrix: Ground Water

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
<b>Volatile Organic Compounds by EPA 8260</b>										
Benzene	ND	1.0	ug/L	EPA 8260B	1	3/17/09 15:00	3/17/09 18:20	A903440	smh	
Bromobenzene	ND	1.0	ug/L	EPA 8260B	1	3/17/09 15:00	3/17/09 18:20	A903440	smh	
Bromodichloromethane	ND	1.0	ug/L	EPA 8260B	1	3/17/09 15:00	3/17/09 18:20	A903440	smh	
Bromoform	ND	1.0	ug/L	EPA 8260B	1	3/17/09 15:00	3/17/09 18:20	A903440	smh	
Bromomethane	ND	2.0	ug/L	EPA 8260B	1	3/17/09 15:00	3/17/09 18:20	A903440	smh	
Carbon Tetrachloride	ND	2.0	ug/L	EPA 8260B	1	3/17/09 15:00	3/17/09 18:20	A903440	smh	
Chlorobenzene	3.6	1.0	ug/L	EPA 8260B	1	3/17/09 15:00	3/17/09 18:20	A903440	smh	
Chloroethane	ND	1.0	ug/L	EPA 8260B	1	3/17/09 15:00	3/17/09 18:20	A903440	smh	
Chloroform	ND	1.0	ug/L	EPA 8260B	1	3/17/09 15:00	3/17/09 18:20	A903440	smh	
Chloromethane	ND	1.0	ug/L	EPA 8260B	1	3/17/09 15:00	3/17/09 18:20	A903440	smh	
2-Chlorotoluene	ND	1.0	ug/L	EPA 8260B	1	3/17/09 15:00	3/17/09 18:20	A903440	smh	
4-Chlorotoluene	ND	1.0	ug/L	EPA 8260B	1	3/17/09 15:00	3/17/09 18:20	A903440	smh	
Dibromochloromethane	ND	1.0	ug/L	EPA 8260B	1	3/17/09 15:00	3/17/09 18:20	A903440	smh	
Dibromomethane	ND	1.0	ug/L	EPA 8260B	1	3/17/09 15:00	3/17/09 18:20	A903440	smh	
1,3-Dichlorobenzene	ND	1.0	ug/L	EPA 8260B	1	3/17/09 15:00	3/17/09 18:20	A903440	smh	
1,4-Dichlorobenzene	1.8	1.0	ug/L	EPA 8260B	1	3/17/09 15:00	3/17/09 18:20	A903440	smh	
Dichlorodifluoromethane	ND	1.0	ug/L	EPA 8260B	1	3/17/09 15:00	3/17/09 18:20	A903440	smh	
1,1-Dichloroethane	ND	1.0	ug/L	EPA 8260B	1	3/17/09 15:00	3/17/09 18:20	A903440	smh	
1,2-Dichloroethane	ND	1.0	ug/L	EPA 8260B	1	3/17/09 15:00	3/17/09 18:20	A903440	smh	
1,1-Dichloroethene	ND	1.0	ug/L	EPA 8260B	1	3/17/09 15:00	3/17/09 18:20	A903440	smh	
cis-1,2-Dichloroethene	ND	1.0	ug/L	EPA 8260B	1	3/17/09 15:00	3/17/09 18:20	A903440	smh	
trans-1,2-Dichloroethene	ND	1.0	ug/L	EPA 8260B	1	3/17/09 15:00	3/17/09 18:20	A903440	smh	
1,2-Dichloropropane	ND	1.0	ug/L	EPA 8260B	1	3/17/09 15:00	3/17/09 18:20	A903440	smh	
trans-1,3-Dichloropropene	ND	1.0	ug/L	EPA 8260B	1	3/17/09 15:00	3/17/09 18:20	A903440	smh	
Ethylbenzene	ND	1.0	ug/L	EPA 8260B	1	3/17/09 15:00	3/17/09 18:20	A903440	smh	
Methylene Chloride	ND	1.0	ug/L	EPA 8260B	1	3/17/09 15:00	3/17/09 18:20	A903440	smh	
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	EPA 8260B	1	3/17/09 15:00	3/17/09 18:20	A903440	smh	
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	EPA 8260B	1	3/17/09 15:00	3/17/09 18:20	A903440	smh	
Tetrachloroethene	ND	1.0	ug/L	EPA 8260B	1	3/17/09 15:00	3/17/09 18:20	A903440	smh	
Toluene	ND	1.0	ug/L	EPA 8260B	1	3/17/09 15:00	3/17/09 18:20	A903440	smh	
1,1,1-Trichloroethane	ND	1.0	ug/L	EPA 8260B	1	3/17/09 15:00	3/17/09 18:20	A903440	smh	
1,1,2-Trichloroethane	ND	1.0	ug/L	EPA 8260B	1	3/17/09 15:00	3/17/09 18:20	A903440	smh	
Trichloroethene	ND	1.0	ug/L	EPA 8260B	1	3/17/09 15:00	3/17/09 18:20	A903440	smh	
Trichlorofluoromethane	ND	1.0	ug/L	EPA 8260B	1	3/17/09 15:00	3/17/09 18:20	A903440	smh	
1,2,3-Trichloropropane	ND	1.0	ug/L	EPA 8260B	1	3/17/09 15:00	3/17/09 18:20	A903440	smh	
Vinyl Chloride	ND	2.0	ug/L	EPA 8260B	1	3/17/09 15:00	3/17/09 18:20	A903440	smh	



# ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis  
110 Technology Parkway, Norcross, GA 30092  
(770) 734-4200 FAX (770) 734-4201

Safety-Kleen Corporation - Cincinnati  
11923 Tramway Drive  
Cincinnati OH, 45241  
Attention: Mr. Steve Fleming

March 25, 2009

Report No.: ASC0417  
Client ID: X-1  
Date/Time Sampled: 3/11/2009 12:00:00AM  
Matrix: Ground Water

Lab Number ID: ASC0417-06

Date/Time Received: 3/13/2009 9:15:00AM

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
<b>Volatile Organic Compounds by EPA 8260</b>										
Xylenes, total	ND	1.0	ug/L	EPA 8260B		1	3/17/09 15:00	3/17/09 18:20	A903440	smh
Surrogate: Dibromofluoromethane	96 %	85-116		EPA 8260B			3/17/09 15:00	3/17/09 18:20	A903440	
Surrogate: 1,2-Dichloroethane-d4	95 %	78-125		EPA 8260B			3/17/09 15:00	3/17/09 18:20	A903440	
Surrogate: Toluene-d8	94 %	87-113		EPA 8260B			3/17/09 15:00	3/17/09 18:20	A903440	
Surrogate: 4-Bromofluorobenzene	100 %	87-123		EPA 8260B			3/17/09 15:00	3/17/09 18:20	A903440	
<b>Organics</b>										
Mineral Spirits	1500	100	ug/L	EPA 8260B		2	3/18/09 8:00	3/18/09 12:08	A903465	SMH
Surrogate: 4-Bromofluorobenzene	101 %	43-163		EPA 8260B			3/18/09 8:00	3/18/09 12:08	A903465	



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Attention: Mr. Steve Fleming

March 25, 2009

Report No.: ASC0417

Lab Number ID: ASC0417-07

Client ID: Trip Blank

Date/Time Received: 3/13/2009 9:15:00AM

Date/Time Sampled: 3/11/2009 12:00:00AM

Matrix: Water

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
<b>Volatile Organic Compounds by EPA 8260</b>										
Benzene	ND	1.0	ug/L	EPA 8260B	1	3/16/09 14:00	3/16/09 14:24	A903442	GN	
Bromobenzene	ND	1.0	ug/L	EPA 8260B	1	3/16/09 14:00	3/16/09 14:24	A903442	GN	
Bromodichloromethane	ND	1.0	ug/L	EPA 8260B	1	3/16/09 14:00	3/16/09 14:24	A903442	GN	
Bromoform	ND	1.0	ug/L	EPA 8260B	1	3/16/09 14:00	3/16/09 14:24	A903442	GN	
Bromomethane	ND	2.0	ug/L	EPA 8260B	1	3/16/09 14:00	3/16/09 14:24	A903442	GN	
Carbon Tetrachloride	ND	2.0	ug/L	EPA 8260B	1	3/16/09 14:00	3/16/09 14:24	A903442	GN	
Chlorobenzene	ND	1.0	ug/L	EPA 8260B	1	3/16/09 14:00	3/16/09 14:24	A903442	GN	
Chloroethane	ND	1.0	ug/L	EPA 8260B	1	3/16/09 14:00	3/16/09 14:24	A903442	GN	
Chloroform	ND	1.0	ug/L	EPA 8260B	1	3/16/09 14:00	3/16/09 14:24	A903442	GN	
Chloromethane	ND	1.0	ug/L	EPA 8260B	1	3/16/09 14:00	3/16/09 14:24	A903442	GN	
2-Chlorotoluene	ND	1.0	ug/L	EPA 8260B	1	3/16/09 14:00	3/16/09 14:24	A903442	GN	
4-Chlorotoluene	ND	1.0	ug/L	EPA 8260B	1	3/16/09 14:00	3/16/09 14:24	A903442	GN	
Dibromochloromethane	ND	1.0	ug/L	EPA 8260B	1	3/16/09 14:00	3/16/09 14:24	A903442	GN	
Dibromomethane	ND	1.0	ug/L	EPA 8260B	1	3/16/09 14:00	3/16/09 14:24	A903442	GN	
1,3-Dichlorobenzene	ND	1.0	ug/L	EPA 8260B	1	3/16/09 14:00	3/16/09 14:24	A903442	GN	
1,4-Dichlorobenzene	ND	1.0	ug/L	EPA 8260B	1	3/16/09 14:00	3/16/09 14:24	A903442	GN	
Dichlorodifluoromethane	ND	1.0	ug/L	EPA 8260B	1	3/16/09 14:00	3/16/09 14:24	A903442	GN	
1,1-Dichloroethane	ND	1.0	ug/L	EPA 8260B	1	3/16/09 14:00	3/16/09 14:24	A903442	GN	
1,2-Dichloroethane	ND	1.0	ug/L	EPA 8260B	1	3/16/09 14:00	3/16/09 14:24	A903442	GN	
1,1-Dichloroethene	ND	1.0	ug/L	EPA 8260B	1	3/16/09 14:00	3/16/09 14:24	A903442	GN	
cis-1,2-Dichloroethene	ND	1.0	ug/L	EPA 8260B	1	3/16/09 14:00	3/16/09 14:24	A903442	GN	
trans-1,2-Dichloroethene	ND	1.0	ug/L	EPA 8260B	1	3/16/09 14:00	3/16/09 14:24	A903442	GN	
1,2-Dichloropropane	ND	1.0	ug/L	EPA 8260B	1	3/16/09 14:00	3/16/09 14:24	A903442	GN	
trans-1,3-Dichloropropene	ND	1.0	ug/L	EPA 8260B	1	3/16/09 14:00	3/16/09 14:24	A903442	GN	
Ethylbenzene	ND	1.0	ug/L	EPA 8260B	1	3/16/09 14:00	3/16/09 14:24	A903442	GN	
Methylene Chloride	ND	1.0	ug/L	EPA 8260B	1	3/16/09 14:00	3/16/09 14:24	A903442	GN	
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	EPA 8260B	1	3/16/09 14:00	3/16/09 14:24	A903442	GN	
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	EPA 8260B	1	3/16/09 14:00	3/16/09 14:24	A903442	GN	
Tetrachloroethene	ND	1.0	ug/L	EPA 8260B	1	3/16/09 14:00	3/16/09 14:24	A903442	GN	
Toluene	ND	1.0	ug/L	EPA 8260B	1	3/16/09 14:00	3/16/09 14:24	A903442	GN	
1,1,1-Trichloroethane	ND	1.0	ug/L	EPA 8260B	1	3/16/09 14:00	3/16/09 14:24	A903442	GN	
1,1,2-Trichloroethane	ND	1.0	ug/L	EPA 8260B	1	3/16/09 14:00	3/16/09 14:24	A903442	GN	
Trichloroethene	ND	1.0	ug/L	EPA 8260B	1	3/16/09 14:00	3/16/09 14:24	A903442	GN	
Trichlorofluoromethane	ND	1.0	ug/L	EPA 8260B	1	3/16/09 14:00	3/16/09 14:24	A903442	GN	
1,2,3-Trichloropropane	ND	1.0	ug/L	EPA 8260B	1	3/16/09 14:00	3/16/09 14:24	A903442	GN	
Vinyl Chloride	ND	2.0	ug/L	EPA 8260B	1	3/16/09 14:00	3/16/09 14:24	A903442	GN	



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Safety-Kleen Corporation - Cincinnati  
11923 Tramway Drive  
Cincinnati OH, 45241  
Attention: Mr. Steve Fleming

March 25, 2009

Report No.: ASC0417

Lab Number ID: ASC0417-07

Client ID: Trip Blank

Date/Time Received: 3/13/2009 9:15:00AM

Date/Time Sampled: 3/11/2009 12:00:00AM

Matrix: Water

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
<b>Volatile Organic Compounds by EPA 8260</b>										
Xylenes, total	ND	1.0	ug/L	EPA 8260B		1	3/16/09 14:00	3/16/09 14:24	A903442	GN
Surrogate: Dibromofluoromethane	92 %	85-116		EPA 8260B			3/16/09 14:00	3/16/09 14:24	A903442	
Surrogate: 1,2-Dichloroethane-d4	96 %	78-125		EPA 8260B			3/16/09 14:00	3/16/09 14:24	A903442	
Surrogate: Toluene-d8	88 %	87-113		EPA 8260B			3/16/09 14:00	3/16/09 14:24	A903442	
Surrogate: 4-Bromofluorobenzene	99 %	87-123		EPA 8260B			3/16/09 14:00	3/16/09 14:24	A903442	



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March 25, 2009

Report No.: ASC0417

## Volatile Organic Compounds by EPA 8260 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch A903440 - EPA 5030B</b>										
<b>Blank (A903440-BLK1)</b> Prepared & Analyzed: 03/16/09										
Benzene	ND	1.0	ug/L							
Bromobenzene	ND	1.0	ug/L							
Bromodichloromethane	ND	1.0	ug/L							
Bromoform	ND	1.0	ug/L							
Bromomethane	ND	2.0	ug/L							
Carbon Tetrachloride	ND	2.0	ug/L							
Chlorobenzene	ND	1.0	ug/L							
Chloroethane	ND	1.0	ug/L							
Chloroform	ND	1.0	ug/L							
Chloromethane	ND	1.0	ug/L							
2-Chlorotoluene	ND	1.0	ug/L							
4-Chlorotoluene	ND	1.0	ug/L							
Dibromochloromethane	ND	1.0	ug/L							
Dibromomethane	ND	1.0	ug/L							
1,3-Dichlorobenzene	ND	1.0	ug/L							
1,4-Dichlorobenzene	ND	1.0	ug/L							
Dichlorodifluoromethane	ND	1.0	ug/L							
1,1-Dichloroethane	ND	1.0	ug/L							
1,2-Dichloroethane	ND	1.0	ug/L							
1,1-Dichloroethene	ND	1.0	ug/L							
cis-1,2-Dichloroethene	ND	1.0	ug/L							
trans-1,2-Dichloroethene	ND	1.0	ug/L							
1,2-Dichloropropane	ND	1.0	ug/L							
trans-1,3-Dichloropropene	ND	1.0	ug/L							
Ethylbenzene	ND	1.0	ug/L							
Methylene Chloride	ND	1.0	ug/L							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L							
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L							
Tetrachloroethene	ND	1.0	ug/L							
Toluene	ND	1.0	ug/L							
1,1,1-Trichloroethane	ND	1.0	ug/L							
1,1,2-Trichloroethane	ND	1.0	ug/L							
Trichloroethene	ND	1.0	ug/L							
Trichlorofluoromethane	ND	1.0	ug/L							
1,2,3-Trichloropropane	ND	1.0	ug/L							
Vinyl Chloride	ND	2.0	ug/L							
Xylenes, total	ND	1.0	ug/L							
Surrogate: Dibromofluoromethane	45		ug/L	50.000		90	85-116			
Surrogate: 1,2-Dichloroethane-d4	47		ug/L	50.000		93	78-125			
Surrogate: Toluene-d8	43		ug/L	50.000		87	87-113			
Surrogate: 4-Bromofluorobenzene	45		ug/L	50.000		90	87-123			



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11923 Tramway Drive  
Cincinnati OH, 45241  
Attention: Mr. Steve Fleming

March 25, 2009

Report No.: ASC0417

## Volatile Organic Compounds by EPA 8260 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch A903440 - EPA 5030B</b>										
Blank (A903440-BLK2)      Prepared & Analyzed: 03/17/09.										
Benzene	ND	1.0	ug/L							
Bromobenzene	ND	1.0	ug/L							
Bromodichloromethane	ND	1.0	ug/L							
Bromoform	ND	1.0	ug/L							
Bromomethane	ND	2.0	ug/L							
Carbon Tetrachloride	ND	2.0	ug/L							
Chlorobenzene	ND	1.0	ug/L							
Chloroethane	ND	1.0	ug/L							
Chloroform	ND	1.0	ug/L							
Chloromethane	ND	1.0	ug/L							
2-Chlorotoluene	ND	1.0	ug/L							
4-Chlorotoluene	ND	1.0	ug/L							
Dibromochloromethane	ND	1.0	ug/L							
Dibromomethane	ND	1.0	ug/L							
1,3-Dichlorobenzene	ND	1.0	ug/L							
1,4-Dichlorobenzene	ND	1.0	ug/L							
Dichlorodifluoromethane	ND	1.0	ug/L							
1,1-Dichloroethane	ND	1.0	ug/L							
1,2-Dichloroethane	ND	1.0	ug/L							
1,1-Dichloroethene	ND	1.0	ug/L							
cis-1,2-Dichloroethene	ND	1.0	ug/L							
trans-1,2-Dichloroethene	ND	1.0	ug/L							
1,2-Dichloropropane	ND	1.0	ug/L							
trans-1,3-Dichloropropene	ND	1.0	ug/L							
Ethylbenzene	ND	1.0	ug/L							
Methylene Chloride	ND	1.0	ug/L							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L							
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L							
Tetrachloroethene	ND	1.0	ug/L							
Toluene	ND	1.0	ug/L							
1,1,1-Trichloroethane	ND	1.0	ug/L							
1,1,2-Trichloroethane	ND	1.0	ug/L							
Trichloroethene	ND	1.0	ug/L							
Trichlorofluoromethane	ND	1.0	ug/L							
1,2,3-Trichloropropane	ND	1.0	ug/L							
Vinyl Chloride	ND	2.0	ug/L							
Xylenes, total	ND	1.0	ug/L							
Surrogate: Dibromofluoromethane	51		ug/L	50.000		102	85-116			
Surrogate: 1,2-Dichloroethane-d4	51		ug/L	50.000		102	78-125			
Surrogate: Toluene-d8	47		ug/L	50.000		95	87-113			
Surrogate: 4-Bromofluorobenzene	51		ug/L	50.000		101	87-123			



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Attention: Mr. Steve Fleming

March 25, 2009

Report No.: ASC0417

## Volatile Organic Compounds by EPA 8260 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch A903440 - EPA 5030B</b>										
<b>Blank (A903440-BLK3)</b>										
Benzene	ND	2.0	ug/L							
Bromobenzene	ND	10	ug/L							
Bromodichloromethane	ND	10	ug/L							
Bromoform	ND	10	ug/L							
Bromomethane	ND	10	ug/L							
Carbon Tetrachloride	ND	2.0	ug/L							
Chlorobenzene	ND	10	ug/L							
Chloroethane	ND	5.0	ug/L							
Chloroform	ND	2.0	ug/L							
Chloromethane	ND	10	ug/L							
2-Chlorotoluene	ND	10	ug/L							
4-Chlorotoluene	ND	10	ug/L							
Dibromochloromethane	ND	10	ug/L							
Dibromomethane	ND	10	ug/L							
1,3-Dichlorobenzene	ND	10	ug/L							
1,4-Dichlorobenzene	ND	10	ug/L							
Dichlorodifluoromethane	ND	10	ug/L							
1,1-Dichloroethane	ND	2.0	ug/L							
1,2-Dichloroethane	ND	2.0	ug/L							
1,1-Dichloroethene	ND	2.0	ug/L							
cis-1,2-Dichloroethene	ND	2.0	ug/L							
trans-1,2-Dichloroethene	ND	2.0	ug/L							
1,2-Dichloropropane	ND	2.0	ug/L							
trans-1,3-Dichloropropene	ND	2.0	ug/L							
Ethylbenzene	ND	2.0	ug/L							
Methylene Chloride	ND	5.0	ug/L							
1,1,1,2-Tetrachloroethane	ND	2.0	ug/L							
1,1,2,2-Tetrachloroethane	ND	2.0	ug/L							
Tetrachloroethene	ND	2.0	ug/L							
Toluene	ND	2.0	ug/L							
1,1,1-Trichloroethane	ND	2.0	ug/L							
1,1,2-Trichloroethane	ND	2.0	ug/L							
Trichloroethene	ND	2.0	ug/L							
Trichlorofluoromethane	ND	10	ug/L							
1,2,3-Trichloropropane	ND	10	ug/L							
Vinyl Chloride	ND	2.0	ug/L							
Xylenes, total	ND	5.0	ug/L							
Surrogate: Dibromofluoromethane	51		ug/L	50.000		102	85-116			
Surrogate: 1,2-Dichloroethane-d4	51		ug/L	50.000		102	78-125			
Surrogate: Toluene-d8	47		ug/L	50.000		94	87-113			
Surrogate: 4-Bromofluorobenzene	49		ug/L	50.000		98	87-123			



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11923 Tramway Drive  
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Attention: Mr. Steve Fleming

March 25, 2009

Report No.: ASC0417

## Volatile Organic Compounds by EPA 8260 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch A903440 - EPA 5030B</b>										
<b>LCS (A903440-BS1)</b>										
Prepared & Analyzed: 03/16/09										
Benzene	50	ug/L	50.000		100	80-119				
Chlorobenzene	49	ug/L	50.000		98	83-111				
1,1-Dichloroethene	43	ug/L	50.000		85	77-121				
Toluene	47	ug/L	50.000		95	78-113				
Trichloroethene	49	ug/L	50.000		99	82-122				
Surrogate: Dibromofluoromethane	46	ug/L	50.000		92	85-116				
Surrogate: 1,2-Dichloroethane-d4	46	ug/L	50.000		91	78-125				
Surrogate: Toluene-d8	44	ug/L	50.000		88	87-113				
Surrogate: 4-Bromofluorobenzene	44	ug/L	50.000		88	87-123				
<b>Matrix Spike (A903440-MS1)</b>										
Source: ASC0294-06RE Prepared & Analyzed: 03/17/09										
Benzene	47	ug/L	50.000	ND	95	82-123				
Chlorobenzene	51	ug/L	50.000	3.1	96	75-119				
1,1-Dichloroethene	48	ug/L	50.000	ND	97	79-119				
Toluene	43	ug/L	50.000	0.2	87	80-114				
Trichloroethene	48	ug/L	50.000	ND	96	81-125				
Surrogate: Dibromofluoromethane	49	ug/L	50.000		98	85-116				
Surrogate: 1,2-Dichloroethane-d4	48	ug/L	50.000		97	78-125				
Surrogate: Toluene-d8	46	ug/L	50.000		92	87-113				
Surrogate: 4-Bromofluorobenzene	50	ug/L	50.000		99	87-123				
<b>Matrix Spike Dup (A903440-MSD1)</b>										
Source: ASC0294-06RE Prepared & Analyzed: 03/17/09										
Benzene	48	ug/L	50.000	ND	96	82-123	1	9		
Chlorobenzene	52	ug/L	50.000	3.1	97	75-119	1	13		
1,1-Dichloroethene	49	ug/L	50.000	ND	98	79-119	0.8	9		
Toluene	44	ug/L	50.000	0.2	88	80-114	2	9		
Trichloroethene	48	ug/L	50.000	ND	97	81-125	0.7	11		
Surrogate: Dibromofluoromethane	49	ug/L	50.000		98	85-116				
Surrogate: 1,2-Dichloroethane-d4	48	ug/L	50.000		96	78-125				
Surrogate: Toluene-d8	46	ug/L	50.000		93	87-113				
Surrogate: 4-Bromofluorobenzene	49	ug/L	50.000		98	87-123				



# ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis  
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Safety-Kleen Corporation - Cincinnati  
11923 Tramway Drive  
Cincinnati OH, 45241  
Attention: Mr. Steve Fleming

March 25, 2009

Report No.: ASC0417

## Volatile Organic Compounds by EPA 8260 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch A903442 - EPA 5030B</b>										
<b>Blank (A903442-BLK1)</b> Prepared & Analyzed: 03/16/09										
Benzene	ND	2.0	ug/L							
Bromobenzene	ND	10	ug/L							
Bromodichloromethane	ND	10	ug/L							
Bromoform	ND	10	ug/L							
Bromomethane	ND	10	ug/L							
Carbon Tetrachloride	ND	2.0	ug/L							
Chlorobenzene	ND	10	ug/L							
Chloroethane	ND	5.0	ug/L							
Chloroform	ND	2.0	ug/L							
Chloromethane	ND	10	ug/L							
2-Chlorotoluene	ND	10	ug/L							
4-Chlorotoluene	ND	10	ug/L							
Dibromochloromethane	ND	10	ug/L							
Dibromomethane	ND	10	ug/L							
1,3-Dichlorobenzene	ND	10	ug/L							
1,4-Dichlorobenzene	ND	10	ug/L							
Dichlorodifluoromethane	ND	10	ug/L							
1,1-Dichloroethane	ND	2.0	ug/L							
1,2-Dichloroethane	ND	2.0	ug/L							
1,1-Dichloroethene	ND	2.0	ug/L							
cis-1,2-Dichloroethene	ND	2.0	ug/L							
trans-1,2-Dichloroethene	ND	2.0	ug/L							
1,2-Dichloropropane	ND	2.0	ug/L							
trans-1,3-Dichloropropene	ND	2.0	ug/L							
Ethylbenzene	ND	2.0	ug/L							
Methylene Chloride	ND	5.0	ug/L							
1,1,1,2-Tetrachloroethane	ND	2.0	ug/L							
1,1,2,2-Tetrachloroethane	ND	2.0	ug/L							
Tetrachloroethene	ND	2.0	ug/L							
Toluene	ND	2.0	ug/L							
1,1,1-Trichloroethane	ND	2.0	ug/L							
1,1,2-Trichloroethane	ND	2.0	ug/L							
Trichloroethene	ND	2.0	ug/L							
Trichlorofluoromethane	ND	10	ug/L							
1,2,3-Trichloropropane	ND	10	ug/L							
Vinyl Chloride	ND	2.0	ug/L							
Xylenes, total	ND	5.0	ug/L							
Surrogate: Dibromofluoromethane	44		ug/L	50.000		88	85-116			
Surrogate: 1,2-Dichloroethane-d4	48		ug/L	50.000		96	78-125			
Surrogate: Toluene-d8	43		ug/L	50.000		87	87-113			
Surrogate: 4-Bromofluorobenzene	51		ug/L	50.000		101	87-123			



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March 25, 2009

Report No.: ASC0417

## Volatile Organic Compounds by EPA 8260 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch A903442 - EPA 5030B</b>										
<b>Blank (A903442-BLK2)</b>										
Benzene	ND	1.0	ug/L							
Bromobenzene	ND	1.0	ug/L							
Bromodichloromethane	ND	1.0	ug/L							
Bromoform	ND	1.0	ug/L							
Bromomethane	ND	2.0	ug/L							
Carbon Tetrachloride	ND	2.0	ug/L							
Chlorobenzene	ND	1.0	ug/L							
Chloroethane	ND	1.0	ug/L							
Chloroform	ND	1.0	ug/L							
Chloromethane	ND	1.0	ug/L							
2-Chlorotoluene	ND	1.0	ug/L							
4-Chlorotoluene	ND	1.0	ug/L							
Dibromochloromethane	ND	1.0	ug/L							
Dibromomethane	ND	1.0	ug/L							
1,3-Dichlorobenzene	ND	1.0	ug/L							
1,4-Dichlorobenzene	ND	1.0	ug/L							
Dichlorodifluoromethane	ND	1.0	ug/L							
1,1-Dichloroethane	ND	1.0	ug/L							
1,2-Dichloroethane	ND	1.0	ug/L							
1,1-Dichloroethene	ND	1.0	ug/L							
cis-1,2-Dichloroethene	ND	1.0	ug/L							
trans-1,2-Dichloroethene	ND	1.0	ug/L							
1,2-Dichloropropane	ND	1.0	ug/L							
trans-1,3-Dichloropropene	ND	1.0	ug/L							
Ethybenzene	ND	1.0	ug/L							
Methylene Chloride	ND	1.0	ug/L							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L							
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L							
Tetrachloroethene	ND	1.0	ug/L							
Toluene	ND	1.0	ug/L							
1,1,1-Trichloroethane	ND	1.0	ug/L							
1,1,2-Trichloroethane	ND	1.0	ug/L							
Trichloroethene	ND	1.0	ug/L							
Trichlorofluoromethane	ND	1.0	ug/L							
1,2,3-Trichloropropane	ND	1.0	ug/L							
Vinyl Chloride	ND	2.0	ug/L							
Xylenes, total	ND	1.0	ug/L							
Surrogate: Dibromofluoromethane	51		ug/L	50.000		102	85-116			
Surrogate: 1,2-Dichloroethane-d4	51		ug/L	50.000		102	78-125			
Surrogate: Toluene-d8	47		ug/L	50.000		95	87-113			
Surrogate: 4-Bromofluorobenzene	51		ug/L	50.000		101	87-123			



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March 25, 2009

Report No.: ASC0417

## Volatile Organic Compounds by EPA 8260 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch A903442 - EPA 5030B</b>										
Blank (A903442-BLK3)      Prepared & Analyzed: 03/17/09										
Benzene	ND	1.0	ug/L							
Bromobenzene	ND	1.0	ug/L							
Bromodichloromethane	ND	1.0	ug/L							
Bromoform	ND	1.0	ug/L							
Bromomethane	ND	2.0	ug/L							
Carbon Tetrachloride	ND	2.0	ug/L							
Chlorobenzene	ND	1.0	ug/L							
Chloroethane	ND	1.0	ug/L							
Chloroform	ND	1.0	ug/L							
Chloromethane	ND	1.0	ug/L							
2-Chlorotoluene	ND	1.0	ug/L							
4-Chlorotoluene	ND	1.0	ug/L							
Dibromochloromethane	ND	1.0	ug/L							
Dibromomethane	ND	1.0	ug/L							
1,3-Dichlorobenzene	ND	1.0	ug/L							
1,4-Dichlorobenzene	ND	1.0	ug/L							
Dichlorodifluoromethane	ND	1.0	ug/L							
1,1-Dichloroethane	ND	1.0	ug/L							
1,2-Dichloroethane	ND	1.0	ug/L							
1,1-Dichloroethene	ND	1.0	ug/L							
cis-1,2-Dichloroethene	ND	1.0	ug/L							
trans-1,2-Dichloroethene	ND	1.0	ug/L							
1,2-Dichloropropane	ND	1.0	ug/L							
trans-1,3-Dichloropropene	ND	1.0	ug/L							
Ethylbenzene	ND	1.0	ug/L							
Methylene Chloride	ND	1.0	ug/L							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L							
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L							
Tetrachloroethene	ND	1.0	ug/L							
Toluene	ND	1.0	ug/L							
1,1,1-Trichloroethane	ND	1.0	ug/L							
1,1,2-Trichloroethane	ND	1.0	ug/L							
Trichloroethene	ND	1.0	ug/L							
Trichlorofluoromethane	ND	1.0	ug/L							
1,2,3-Trichloropropane	ND	1.0	ug/L							
Vinyl Chloride	ND	2.0	ug/L							
Xylenes, total	ND	1.0	ug/L							
Surrogate: Dibromofluoromethane	51		ug/L	50.000		102	85-116			
Surrogate: 1,2-Dichloroethane-d4	51		ug/L	50.000		102	78-125			
Surrogate: Toluene-d8	47		ug/L	50.000		94	87-113			
Surrogate: 4-Bromofluorobenzene	49		ug/L	50.000		98	87-123			



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March 25, 2009

Report No.: ASC0417

## Volatile Organic Compounds by EPA 8260 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD RPD	RPD Limit	Notes
<b>Batch A903442 - EPA 5030B</b>										
<b>Blank (A903442-BLK4)</b>										
Benzene	ND	1.0	ug/L							
Bromobenzene	ND	1.0	ug/L							
Bromodichloromethane	ND	1.0	ug/L							
Bromoform	ND	1.0	ug/L							
Bromomethane	ND	2.0	ug/L							
Carbon Tetrachloride	ND	2.0	ug/L							
Chlorobenzene	ND	1.0	ug/L							
Chloroethane	ND	1.0	ug/L							
Chloroform	ND	1.0	ug/L							
Chloromethane	ND	1.0	ug/L							
2-Chlorotoluene	ND	1.0	ug/L							
4-Chlorotoluene	ND	1.0	ug/L							
Dibromochloromethane	ND	1.0	ug/L							
Dibromomethane	ND	1.0	ug/L							
1,3-Dichlorobenzene	ND	1.0	ug/L							
1,4-Dichlorobenzene	ND	1.0	ug/L							
Dichlorodifluoromethane	ND	1.0	ug/L							
1,1-Dichloroethane	ND	1.0	ug/L							
1,2-Dichloroethane	ND	1.0	ug/L							
1,1-Dichloroethene	ND	1.0	ug/L							
cis-1,2-Dichloroethene	ND	1.0	ug/L							
trans-1,2-Dichloroethene	ND	1.0	ug/L							
1,2-Dichloropropane	ND	1.0	ug/L							
trans-1,3-Dichloropropene	1.1	1.0	ug/L							
Ethybenzene	ND	1.0	ug/L							
Methylene Chloride	ND	1.0	ug/L							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L							
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L							
Tetrachloroethene	ND	1.0	ug/L							
Toluene	ND	1.0	ug/L							
1,1,1-Trichloroethane	ND	1.0	ug/L							
1,1,2-Trichloroethane	ND	1.0	ug/L							
Trichloroethene	ND	1.0	ug/L							
Trichlorofluoromethane	ND	1.0	ug/L							
1,2,3-Trichloropropane	ND	1.0	ug/L							
Vinyl Chloride	ND	2.0	ug/L							
Xylenes, total	ND	1.0	ug/L							
Surrogate: Dibromofluoromethane	50		ug/L	50.000		100	85-116			
Surrogate: 1,2-Dichloroethane-d4	49		ug/L	50.000		99	78-125			
Surrogate: Toluene-d8	46		ug/L	50.000		93	87-113			
Surrogate: 4-Bromofluorobenzene	50		ug/L	50.000		100	87-123			

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March 25, 2009

Report No.: ASC0417

## Volatile Organic Compounds by EPA 8260 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch A903442 - EPA 5030B</b>										
<b>LCS (A903442-BS1)</b>										
Prepared & Analyzed: 03/16/09										
Benzene	51	ug/L	50.000		102	80-119				
Chlorobenzene	49	ug/L	50.000		99	83-111				
1,1-Dichloroethene	43	ug/L	50.000		85	77-121				
Toluene	50	ug/L	50.000		100	78-113				
Trichloroethene	49	ug/L	50.000		98	82-122				
Surrogate: Dibromofluoromethane	46	ug/L	50.000		91	85-116				
Surrogate: 1,2-Dichloroethane-d4	47	ug/L	50.000		94	78-125				
Surrogate: Toluene-d8	43	ug/L	50.000		87	87-113				
Surrogate: 4-Bromofluorobenzene	51	ug/L	50.000		102	87-123				
<b>Matrix Spike (A903442-MS1)</b>										
Source: ASC0416-06RE Prepared & Analyzed: 03/17/09										
Benzene	49	ug/L	50.000	0.03	98	82-123				
Chlorobenzene	43	ug/L	50.000	0.4	85	75-119				
1,1-Dichloroethene	51	ug/L	50.000	ND	101	79-119				
Toluene	47	ug/L	50.000	0.2	93	80-114				
Trichloroethene	50	ug/L	50.000	ND	101	81-125				
Surrogate: Dibromofluoromethane	50	ug/L	50.000		99	85-116				
Surrogate: 1,2-Dichloroethane-d4	50	ug/L	50.000		100	78-125				
Surrogate: Toluene-d8	46	ug/L	50.000		92	87-113				
Surrogate: 4-Bromofluorobenzene	49	ug/L	50.000		99	87-123				
<b>Matrix Spike Dup (A903442-MSD1)</b>										
Source: ASC0416-06RE Prepared & Analyzed: 03/17/09										
Benzene	49	ug/L	50.000	0.03	99	82-123	0.3	9		
Chlorobenzene	43	ug/L	50.000	0.4	84	75-119	0.8	13		
1,1-Dichloroethene	51	ug/L	50.000	ND	102	79-119	0.2	9		
Toluene	47	ug/L	50.000	0.2	93	80-114	0.1	9		
Trichloroethene	50	ug/L	50.000	ND	100	81-125	0.4	11		
Surrogate: Dibromofluoromethane	48	ug/L	50.000		97	85-116				
Surrogate: 1,2-Dichloroethane-d4	48	ug/L	50.000		97	78-125				
Surrogate: Toluene-d8	46	ug/L	50.000		92	87-113				
Surrogate: 4-Bromofluorobenzene	50	ug/L	50.000		100	87-123				



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March 25, 2009

Report No.: ASC0417

## Organics - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch A903465 - EPA 5030B</b>										
Blank (A903465-BLK1)										
Mineral Spirits	ND	50	ug/L							Prepared & Analyzed: 03/17/09
Blank (A903465-BLK2)										
Mineral Spirits	ND	50	ug/L							Prepared & Analyzed: 03/18/09
Blank (A903465-BLK3)										
Mineral Spirits	ND	50	ug/L							Prepared & Analyzed: 03/18/09
LCS (A903465-BS1)										
Mineral Spirits	490		ug/L	500.00		98	57-143			Prepared & Analyzed: 03/17/09
Surrogate: 4-Bromofluorobenzene	52		ug/L	50.000		103	43-163			
Matrix Spike (A903465-MS1)										
Mineral Spirits	640		ug/L	500.00	9.8	127	20-203			Source: ASC0416-01 Prepared & Analyzed: 03/17/09
Surrogate: 4-Bromofluorobenzene	52		ug/L	50.000		105	43-163			
Matrix Spike Dup (A903465-MSD1)										
Mineral Spirits	600		ug/L	500.00	9.8	119	20-203	6	49	Source: ASC0416-01 Prepared & Analyzed: 03/17/09
Surrogate: 4-Bromofluorobenzene	50		ug/L	50.000		100	43-163			
<b>Batch A903467 - EPA 5030B</b>										
Blank (A903467-BLK1)										
Mineral Spirits	ND	50	ug/L							Prepared & Analyzed: 03/17/09
Blank (A903467-BLK2)										
Mineral Spirits	ND	50	ug/L							Prepared & Analyzed: 03/18/09



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March 25, 2009

**Report No.: ASC0417**

## **Organics - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch A903467 - EPA 5030B</b>										
<b>LCS (A903467-BS1)</b>										Prepared & Analyzed: 03/17/09
Mineral Spirits	640		ug/L		500.00		127	57-143		
Surrogate: 4-Bromofluorobenzene	51		ug/L		50.000		102	43-163		
<b>Matrix Spike (A903467-MS1)</b>										Source: ASC0294-01 Prepared & Analyzed: 03/17/09
Mineral Spirits	570		ug/L		500.00	36	106	20-203		
Surrogate: 4-Bromofluorobenzene	51		ug/L		50.000		101	43-163		
<b>Matrix Spike Dup (A903467-MSD1)</b>										Source: ASC0294-01 Prepared & Analyzed: 03/17/09
Mineral Spirits	550		ug/L		500.00	36	103	20-203	3	49
Surrogate: 4-Bromofluorobenzene	50		ug/L		50.000		100	43-163		



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### Laboratory Certifications

Code	Description	Number	Expires
NELAC	NELAC (Drinking Water, Non-Potable Water, Solids)	E87315	06/30/2009



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March 25, 2009

### Legend

#### Definition of Laboratory Terms

- ND - None Detected at the Reporting Limit
- TIC - Tentatively Identified Compound
- CFU - Colony Forming Units
- SOP - Method run per ASI Standard Operating Procedure
- RL - Reporting Limit
- DF - Dilution Factor
  - \* - Analyte not included in the NELAC list of certified analytes.

#### Sample Information

N-Nitrosodiphenylamine breaks down to diphenylamine in the GCMS; both analytes are reported as N-Nitrosodiphenylamine. ASI is not NELAC certified for diphenylamine.

Phthalic acid and phthalic anhydride are reported as dimethyl phthalate

Maleic acid and maleic anhydride are reported as dimethyl malate

1,2-Diphenylhydrazine breaks down to azobenzene in the GCMS; both analytes are reported as azobenzene

#### Definition of Qualifiers

- B Analyte was detected in the associated method blank at level equal to or greater than the reporting limit. Sample values reported as greater than the reporting limit and less than 10x the method blank value are reported as estimated values.

Note: Unless otherwise noted, all results are reported on an as received basis.



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### LOG-IN CHECKLIST

Printed: 3/25/2009 12:56:42PM

Attn: Mr. Steve Fleming

Client: Safety-Kleen Corporation - Cincinnati  
Project: SK-Thornwood, NY  
Date Received: 03/13/09 09:15

Work Order: ASC0417  
Logged In By: Charles Hawks

NPDES:

### OBSERVATIONS

#Samples: 7                    #Containers: 27  
Minimum Temp(C): 2.0        Maximum Temp(C): 2.0

Custody Seal(s):

### CHECKLIST ITEMS

COC included with Samples	YES
Sample Container(s) Intact	YES
Chain of Custody Complete	YES
Sample Container(s) Match COC	YES
Custody seal Intact	YES
Temperature in Compliance	YES
Sufficient Sample Volume for Analysis	YES
Zero Headspace Maintained for VOA Analyses	YES
Samples labeled preserved (If Applicable)	YES
Samples received within Allowable Hold Times	YES
Samples Received on Ice	YES
Preservation Confirmed	YES