



**Environmental Consulting & Technology, Inc.**

July 31, 2012  
100666-2222

Environmental Administrator  
Hazardous Waste Regulation Section M.S. 4560  
**Department of Environmental Protection**  
2600 Blair Stone Road  
Tallahassee, Florida 32399-2400

Attention: Mr. Merlin D. Russell, Jr.  
Professional Geologist II  
Hazardous Waste Regulation

**Re: Safety-Kleen Systems, Inc., 8755 NW 95<sup>th</sup> St., Medley, Florida**  
**EPA ID # FLD984171694; Permit No. 56019/HO/007**  
**Site Rehabilitation Completion Report, with Post Active Remediation**  
**Monitoring Report #4 and Soil Report**

Dear Mr. Russell:

On behalf of Safety-Kleen Systems, Inc. (S-K), Environmental Consulting & Technology, Inc. (ECT) submits this Site Rehabilitation Completion Report (SRCR) for the referenced S-K facility located in Medley, Florida. This SRCR is submitted in accordance with Chapter 62-780, F.A.C. and Part VI.B.5 of the facility permit (referenced above).

This SRCR specifically applies to Area of Concern A – Alpha Area (AOC-A) pursuant to Part VI.B of the permit.

This SRCR is part of a combined document that also includes:

1. Post Active Remediation Monitoring (PARM) Report #4, and
2. Soil Report.

This SRCR proposes No Further Action Without Controls in accordance with Rule 62-780.680(1), F.A.C.

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## **PARM Report #4**

This PARM Report #4 is due to be submitted by August 24, 2012 (which is 60 days after sample collection, per Table A in Chapter 62-780, F.A.C.).

### **Background Information**

S-K had performed active soil and groundwater remediation and associated monitoring at AOC-A in accordance with the August 2010 Remedial Action Plan (RAP), and Part VI of the facility permit. Groundwater monitoring results from both the September and December, 2011, monitoring events indicated that no constituent was detected in any groundwater sample from either event. Confirmatory soil sampling (January 18, 2012) and analysis was also performed in accordance with Section 7 and Table 7 in the RAP. The laboratory results for the soil samples indicated that no constituent was detected in any of the four soil samples, which were analyzed for volatile organic compounds (VOCs). Please refer to the February 14, 2012, Second Remedial Action Status Report for these soil and groundwater results.

Therefore, the No Further Action criteria of subsection 62-780.680(1), F.A.C. had been met via active remediation, active remediation was terminated on January 9, 2012, and a PARM Plan was submitted in accordance with subsection 62-780.750(4), F.A.C. and the RAP.

The PARM Plan was submitted as Appendix F within the Second Remedial Action Status Report. The Department approved the PARM Plan via letters dated February 15 and March 7, 2012. The groundwater monitoring and reporting per the approved PARM Plan replaced the corresponding monitoring and reporting that was being performed per the RAP during the active remediation phase.

PARM Report #1 (March 22, 2012) was submitted to the Department, and deemed acceptable by the Department correspondence dated April 17, 2012.

PARM Report #2 (May 21, 2012) was submitted to the Department, and deemed acceptable by the Department correspondence dated May 23, 2012.

PARM Report #3 (June 7, 2012) was submitted to the Department, and deemed acceptable by the Department correspondence dated June 18, 2012.

### **Sampling and Analysis – PARM Event #4**

Groundwater sampling pursuant to PARM event #4 occurred on June 25, 2012, in accordance with the notification provided to the Department on June 18, 2012.

Groundwater samples were collected from five monitor wells: MW-1, MW-4, MW-5, and the two deep wells MW-4D and MW-5D. The two deep wells were included in this final groundwater sampling event in accordance with Part VI.B.4.2 of the permit. The

Mr. Merlin D. Russell, Jr.

July 31, 2012

Page 3

monitor well locations are shown on Figures 1 and 2 in this Report. All sampling and analysis applied the August 17, 2009, Sampling & Analysis Plan (SAP) per Condition VI.B.2 of the facility permit. Field measurements at each well sampled included: water level; pH, specific conductance; temperature; turbidity; and dissolved oxygen. All samples were laboratory analyzed for VOCs as specified and listed in Table 5 of the RAP.

### **Reporting of Results**

This PARM Report #4 includes information consistent with subsection 62-780.750(4)(d), F.A.C. [subsection 62-780.750(4)(e), F.A.C. is not applicable due to the following results]. The following information is enclosed within this Report:

- Table 1 – provides a summary of monitor well details and water levels.
- Table 2 – provides a summary of all constituents detected in groundwater.
- Figure 1 – is a map of groundwater elevations for this monitoring event.
- Figure 2 – is a map of groundwater quality results for this monitoring event.
- Attachment 1 – includes groundwater sampling forms and field documentation.
- Attachment 2 – is the laboratory analytical report for this monitoring event.

The groundwater quality analytical results (Table 2 and Attachment 2) indicate that no constituent at any well was detected at a concentration exceeding a Groundwater Cleanup Target Level (GCTL) during this PARM event #4.

Similarly, the previous PARM Reports #1, #2 and #3 also indicated that no constituent at any well was detected at a concentration exceeding a GCTL.

Therefore:

1. All groundwater monitoring has been successfully completed in accordance with the approved PARM Plan and subsection 62-780.750(4)(f), F.A.C.,
2. The No Further Action (without controls) criteria for groundwater in subsection 62-780.680(1), F.A.C. have been met, and
3. Pursuant to subsection 62-780.750(6), F.A.C., this combined document constitutes a Site Rehabilitation Completion Report and No Further Action Proposal.

## **Soil Report**

This Soil Report addresses arsenic in soil within the AOC-A. ECT on behalf of S-K has completed the soil excavation and backfilling actions as proposed in the February 14, 2012, Second Remedial Action Status Report (SRASR) and as slightly modified by the Department's March 7, 2012, approval letter.

Mr. Merlin D. Russell, Jr.

July 31, 2012

Page 4

The soil actions proposed in the SRASR essentially included soil excavation (and backfilling) in areas surrounding specific soil boring locations, with those specific locations selected on the basis of the 95% UCL (Upper Confidence Limit) approach as calculated using the Florida-UCL tool. The Department's March 7, 2012 approval letter noted that the 95% UCL calculations submitted in the SRASR did not account for the arsenic concentration in the backfill to be used, and advised that the average arsenic concentration of the backfill must be substituted into the 95% UCL calculation in place of the various concentrations at the various soil borings to be excavated. To that end, the Department's letter stated; "I would recommend locating a source of backfill and determining its arsenic concentration (either through sampling or information from the vendor), and re-running the FL UCL post-excitation data to determine areas that will need to be excavated." Therefore, S-K implemented the approach as recommended by the Department (above).

Following is a chronological description of the actions taken to complete the soil excavation and backfilling to address arsenic in soil, along with associated documentation.

ECT identified Conrad Yelvington Distributors, Inc. in Ft. Lauderdale, Florida as a prospective vendor for clean sand to use as backfill. On June 27, 2012, ECT went to the Conrad Yelvington facility and collected two composite samples of sand the quarry refers to as masonry sand (sample IDs: COMP 1 M.S., and COMP 2 M.S.). An ECT geologist described this material as: clean quartz sand, fine-grained, well sorted, white to cream in color. These two samples were then sent to the local Pace Analytical laboratory for analysis of total arsenic by EPA Method 6010. Sampling notes and the laboratory report are included in Attachment 3.

The June 29, 2012, laboratory report (included in Attachment 3) indicated the following results for the two arsenic analyses, in milligrams per kilogram (mg/kg):

- COMP 1 M.S. = 0.26 U mg/kg (i.e., none detected above the MDL).
- COMP 2 M.S. = 0.51 I mg/kg (i.e., estimated value between the MDL and PQL).

ECT calculated the average arsenic concentration as 0.39 I mg/kg for the backfill sand.

ECT then re-calculated the 95% UCL concentration by substituting that average arsenic concentration (of the backfill, 0.39 I mg/l) in place of the arsenic concentrations for three soil borings (SB) to be excavated: SB-2, SB-21, and SB-22. This calculation, using the Florida-UCL tool, resulted in a "FDEP Recommended UCL to use" of 1.9 mg/kg. This 95% UCL calculation is documented in Attachment 4.

The resultant FDEP Recommended UCL of 1.9 mg/kg is lower than the residential soil cleanup target level (SCTL) of 2.1 mg/kg for arsenic. Therefore, it was determined that excavation of soils surrounding the locations of SB-2, SB-21, and SB-22 (and backfilling with the selected sand) would result in meeting all soil criteria in support of a proposal for

Mr. Merlin D. Russell, Jr.

July 31, 2012

Page 5

No Further Action Without Controls in accordance with Rule 62-780.680(1)(b), F.A.C. (and in accordance with the Department's recommendations).

After sending notification to the Department on July 5, 2012, ECT and its subcontractor (Everglades Waste Removal Services) performed soil excavation and backfilling actions at the facility on July, 12, 2012. Attachment 5 includes field notes and photographs that document the July 12 actions. At this time, the water table was measured at 2.8 to 2.9 feet below land surface (ft bls) at two wells located immediately adjacent to the excavation (see photos). The total depth of the excavation ranged from 2.5 to 2.8 ft bls, which was immediately above the water table within the capillary fringe (the excavation area is sloped to the west and north). The area of excavation is shown on Figure 3. The field notes and photographs provide addition information on the dimensions of the excavation (Attachment 5). The excavated soil was placed into 55-gallon drums. A total of seven drums were filled, and were left at the facility for subsequent disposal by S-K (waste manifest/disposal records are maintained at the facility; a copy of the waste manifest is included in Attachment 5). The selected clean sand fill was then emplaced to backfill the excavation (see photos).

Therefore:

1. All actions required to address arsenic in soil have been successfully completed in accordance with the Department's recommendations.
2. The No Further Action (without controls) criteria for soil in subsection 62-780.680(1)(b), F.A.C. have been met.

## **Site Rehabilitation Completion Report**

This SRCR proposes No Further Action Without Controls in accordance with Rule 62-780.680(1), F.A.C. for AOC-A at the S-K Medley facility.

In support of that proposal, complete documentation that all applicable requirements have been met is included in the following documents:

- This combined document (PARM Report #4, Soil Report, SRCR);
- The February 14, 2012, SRASR; and
- The PARM Reports #1, #2 and #3.

Upon the Department's approval of this recommendation, S-K recognizes that a permit modification will be required, that such permit modification will likely occur as part of the permit renewal process this fall, and that a Site Rehabilitation Completion Order (SRCO) or equivalent will be included with, or as a part of, the renewal permit (per the Department's letter of March 7, 2012).

Mr. Merlin D. Russell, Jr.

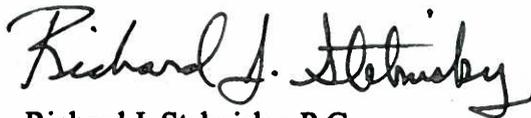
July 31, 2012

Page 6

If you have any questions, please contact Bob Schoepke of Safety-Kleen at (847) 468-6733. Thank you for your consideration of this proposal, and for assistance on this project.

Sincerely,

**ENVIRONMENTAL CONSULTING & TECHNOLOGY, INC.**



Richard J. Stebnisky, P.G.  
Principal Hydrogeologist

7-31-12  
Date

**Enclosures:**

- Tables 1 and 2
- Figures 1, 2 and 3
- Attachments 1 through 5

cc: Bob Schoepke, Safety-Kleen  
Site File, c/o Larry Rodriguez / S-K facility manager  
Jeff Curtis, Safety-Kleen - Compliance  
Karen Kantor, FDEP Southeast District  
Satyen Thakar, ECT  
Marc Lefebvre, P.E., ECT

## TABLES

**Table 1. Monitor Well Details and Water Levels  
Safety-Kleen Systems, Inc.  
Medley, Florida**

All Measurements = Feet (except well diameter in inches)  
No Data = Blank

WELL NO.	MW-1			MW-2R			MW-3			MW-4			MW-4D			MW-5		
DIAMETER	2"			2"			2"			1"			1"			1"		
WELL DEPTH (ft bls)	11			12			11			11.6			23.6			11.8		
SCREEN INTERVAL (ft bls)	1 - 11			2 - 12			1 - 11			1.6- 11.6			21.9 - 23.6			1.8 - 11.8		
TOC ELEVATION (ft NGVD)	5.91			6.35			5.39			5.77			6.33			7.01		
DATE	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP
11/14/07	3.11	2.80		2.9	3.45		2.89	2.5										
11/08/08	2.77	3.14		2.8	3.55		2.82	2.57										
09/10/09	3.06	2.85		2.87	3.48		2.96	2.43										
09/10/09	2.95	2.96		2.85	3.50		3.08	2.31										
09/10/99*	3.91	2.00		4.05	2.3		4.09	1.3										
11/19/09	2.61	3.30		2.64	3.71		2.61	2.78										
11/19/09	2.61	3.30		2.62	3.73		2.64	2.75										
02/15/10	2.68	3.23		2.69	3.66		2.7	2.69		2.71	3.06		2.69	3.64		2.71	4.30	
02/23/10	2.63	3.28		2.61	3.74		2.68	2.71		2.62	3.15		2.62	3.71		2.61	4.40	
05/04/10	2.21	3.70		2.20	4.15		2.24	3.15		2.22	3.55		2.23	4.10		2.21	4.80	
06/21/11	2.18	3.73		2.20	4.15		2.33	3.06		2.17	3.60		NA	4.03		2.22	4.79	
09/21/11	2.76	3.15		2.76	3.59		2.77	2.62		2.77	3.00		NA	3.46		2.76	4.25	
12/21/11	2.74	3.17		2.76	3.59		2.79	2.60		2.81	2.96					2.79	4.22	
02/21/12	2.79	3.12		2.79	3.56		2.80	2.59		2.81	2.96		NA	3.42		2.79	4.22	
04/02/12	2.63	3.28		2.65	3.70		2.67	2.72		2.67	3.10					2.64	4.37	
05/14/12	2.76	3.15		2.79	3.56		2.80	2.59		2.78	2.99					2.77	4.24	
06/25/12	2.77	3.14								2.80	2.97		NA	3.40		2.75	4.26	

**Table 1. Monitor Well Details and Water Levels  
Safety-Kleen Systems, Inc.  
Medley, Florida**

All Measurements = Feet (except well diameter in inches)  
No Data = Blank

WELL NO.	MW-5D			MW-6			MW-7			MW-8								
DIAMETER	1"			1"			1"			1"								
WELL DEPTH (ft bls)	27.8			11.8			10.7			11.1								
SCREEN INTERVAL (ft bls)	26.1 - 27.8			1.8 - 11.8			0.7 - 10.7			1.1- 11.1								
TOC ELEVATION (ft NGVD)	6.83			9.05			6.58			6.83								
DATE	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP
02/15/10	2.72	4.11		2.71	6.34		2.70	3.88		2.69	4.14							
02/23/10	2.63	4.20		2.61	6.44		2.62	3.96		2.62	4.21							
05/04/10	2.18	4.65		2.15	6.90		2.23	4.35		2.23	4.60							
06/21/11	NA	4.63		4.03	5.02		2.57	4.01		2.18	4.65							
09/21/11	NA	4.05		2.73	6.32		2.76	3.82		2.76	4.07							
12/21/11				2.76	6.29		2.78	3.80		2.80	4.03							
02/21/12	NA	4.00		2.78	6.27		2.78	3.80		2.80	4.03							
04/02/12				2.64	6.41		2.65	3.93		2.64	4.19							
05/14/12				2.82	6.23		2.78	3.80		2.77	4.06							
06/25/12	NA	4.03																

NA = Not applicable, well TOC elevations for MW-4D and MW-5D were modified for air sparging.

\* = Measured after rain event.

**Table 2. Groundwater: Summary of all Constituents Detected  
Safety-Kleen Systems, Inc.  
Medley, Florida**

Well No.	Date	Tetrachloroethene (mg/L)	Trichloroethene (mg/L)	cis-1,2-Dichloroethene (mg/L)	trans-1,2-Dichloroethene (mg/L)	Vinyl Chloride (mg/L)	Methyl Ethyl Ketone (mg/L)	Methylene Chloride (mg/L)	Barium (mg/L)	Arsenic (mg/L)	Sp. Cond. (µS/cm)	pH (S.U.)	D.O. (mg/L)	Temp. (°C)
GCTL		0.003	0.003	0.07	0.1	0.001	4.2	0.005	2	0.010	NA	NA	NA	NA
MW-1	05/15/09 *	<0.0002	0.0014	<b>0.10</b>	<0.0006	<b>0.0079</b>	---	---	N/A	N/A	---	---	---	---
	09/10/09	<b>0.23</b>	<b>0.056</b>	0.067	0.0025	<b>0.008</b>	---	---	0.0157	<0.005	---	---	---	---
	11/19/09 *	<0.0002	<0.0007	0.056	0.0043	<b>0.016</b>	---	<0.001	N/A	N/A	---	---	---	---
	02/15/10	<0.0020	<0.0020	0.02	0.0046	<b>0.017</b>	<0.100	<0.005	N/A	N/A	---	---	---	---
	05/04/10 *	<b>0.0074</b>	<b>0.0036</b>	0.0051	<0.0006	<0.0008	---	---	N/A	N/A	---	---	---	---
	11/03/10	<0.002	<0.002	0.0083	<0.002	<b>0.0091</b>	<0.100	<0.005	N/A	N/A	---	---	---	---
	06/21/11	<0.002	<0.002	<0.002	<0.002	<b>0.0011</b>	<0.100	<0.005	N/A	N/A	680	6.87	0.92	27.09
	09/21/11	<0.002	<0.002	<0.002	<0.002	<0.001	<0.100	<0.005	N/A	N/A	558	7.51	1.28	28.58
	12/21/11	<0.002	<0.002	<0.002	<0.002	<0.001	<0.100	<0.005	N/A	N/A	582	7.69	1.55	26.12
	02/21/12	<0.0004	<0.0003	<0.0004	<0.0003	<0.0002	<0.0018	0.0008 J	N/A	N/A	552	7.16	0.35	24.76
	04/02/12	<0.0004	<0.0003	<0.0004	<0.0003	<0.0002	<0.0018	<0.0006	N/A	N/A	927	6.73	0.23	24.87
05/14/12	0.0003 J	<0.0002	0.0008 J	<0.0003	<0.0002	<0.0013	<0.0002	N/A	N/A	525	7.16	0.18	25.61	
06/25/12	0.0007 J	0.0002 J	0.0006 J	<0.0003	<0.0002	<0.0013	<0.0002	N/A	N/A	473	7.65	0.33	27.25	
MW-2R	05/01/09 *	<0.0002	<0.0007	0.015	<0.0006	<0.0008	---	---	N/A	N/A	---	---	---	---
	09/10/09	<0.002	<0.002	<0.002	<0.002	<0.002	---	---	0.0406	<0.005	---	---	---	---
	11/19/09	<0.002	<0.002	0.0038	<0.002	<0.002	<0.100	<0.005	N/A	N/A	---	---	---	---
	02/15/10	<0.002	<0.002	0.0024	<0.002	<0.001	<0.100	<0.005	N/A	N/A	---	---	---	---
	06/21/11	<0.002	<0.002	<0.002	<0.002	<0.001	<0.100	<0.005	N/A	N/A	656	7.04	0.70	27.53
	02/21/12	<0.0004	<0.0003	<0.0004	<0.0003	<0.0002	<0.0018	<0.0006	N/A	N/A	875	7.11	0.93	24.58
MW-3	09/10/09	<0.002	<0.002	0.0079	<0.002	<0.002	---	---	0.0373	<0.005	---	---	---	---
	11/19/09	<0.002	<0.002	0.0098	<0.002	<b>0.0021</b>	<0.100	<0.005	N/A	N/A	---	---	---	---
	02/15/10	<0.002	<0.002	0.0046	<0.002	<0.001	<0.100	<0.005	N/A	N/A	---	---	---	---
	05/04/10	<0.002	<0.002	0.0064	<0.002	<0.001	<0.100	<0.005	N/A	N/A	---	---	---	---
	06/21/11	<0.002	<0.002	<0.002	<0.002	<0.001	<0.100	<0.005	N/A	N/A	1000	6.77	0.71	28.99
	09/21/11	<0.002	<0.002	<0.002	<0.002	<0.001	<0.100	<0.005	N/A	N/A	588	7.03	0.69	27.45
	12/21/11	<0.002	<0.002	<0.002	<0.002	<0.001	<0.100	<0.005	N/A	N/A	591	7.20	1.45	25.40
	02/21/12	<0.0004	<0.0003	<0.0004	<0.0003	<0.0002	<0.0018	0.0007 J	N/A	N/A	764	7.15	0.95	23.50
MW-4	02/15/10	<0.002	<0.002	0.0095	<0.002	<0.001	<0.100	<0.005	N/A	N/A	---	---	---	---
	05/04/10	<0.002	<0.002	0.022	<0.002	<b>0.0028</b>	<0.100	<0.005	N/A	N/A	---	---	---	---
	06/21/11	<0.002	<0.002	<0.002	<0.002	<0.001	<0.100	<0.005	N/A	N/A	800	6.87	1.12	26.79
	09/21/11	<0.002	<0.002	<0.002	<0.002	<0.001	<0.100	<0.005	N/A	N/A	549	7.34	0.77	28.29
	12/21/11	<0.002	<0.002	<0.002	<0.002	<0.001	<0.100	<0.005	N/A	N/A	616	7.40	1.00	25.99
	02/21/12	<0.0004	<0.0003	<0.0004	<0.0003	<0.0002	<0.0018	0.0006 J	N/A	N/A	552	7.02	0.21	24.50
	04/02/12	<0.0004	<0.0003	<0.0004	<0.0003	<0.0002	<0.0018	<0.0006	N/A	N/A	844	6.75	0.39	24.49
	05/14/12	<0.0002	<0.0002	<0.0002	<0.0003	<0.0002	<0.0013	<0.0002	N/A	N/A	553	7.21	0.13	25.59
	06/25/12	<0.0002	<0.0002	<0.0002	<0.0003	<0.0002	<0.0013	<0.0002	N/A	N/A	558	7.59	0.41	26.92
MW-4D	02/15/10	<0.002	<0.002	<0.002	<0.002	<0.001	<0.100	<0.005	N/A	N/A	---	---	---	---
	05/04/10	<0.002	<0.002	<0.002	<0.002	<0.001	<0.100	<0.005	N/A	N/A	---	---	---	---
	06/21/11	<0.002	<0.002	<0.002	<0.002	<0.001	<0.100	<0.005	N/A	N/A	540	7.28	0.45	25.61
	02/21/12	<0.0004	<0.0003	<0.0004	<0.0003	<0.0002	<0.0018	0.0008 J	N/A	N/A	616	7.21	0.71	25.85
	06/25/12	<0.0002	<0.0002	<0.0002	<0.0003	<0.0002	<0.0013	0.0002	NA	N/A	621	7.62	0.48	26.30

**Table 2. Groundwater: Summary of all Constituents Detected  
Safety-Kleen Systems, Inc.  
Medley, Florida**

Well No.	Date	Tetrachloroethene (mg/L)	Trichloroethene (mg/L)	cis-1,2-Dichloroethene (mg/L)	trans-1,2-Dichloroethene (mg/L)	Vinyl Chloride (mg/L)	Methyl Ethyl Ketone (mg/L)	Methylene Chloride (mg/L)	Barium (mg/L)	Arsenic (mg/L)	Sp. Cond. (µS/cm)	pH (S.U.)	D.O. (mg/L)	Temp. (°C)
GCTL		0.003	0.003	0.07	0.1	0.001	4.2	0.005	2	0.010	NA	NA	NA	NA
MW-5	02/15/10	<b>0.013</b>	0.0025	<b>0.081</b>	<0.002	<b>0.0046</b>	<0.100	<0.005	N/A	N/A	---	---	---	---
Duplicate	05/04/10	<b>0.016</b>	<b>0.0047</b>	0.025	<0.002	<b>0.0016</b>	<0.100	<0.005	N/A	N/A	---	---	---	---
	05/04/10	<b>0.015</b>	<b>0.0048</b>	0.025	<0.002	<b>0.0015</b>	<0.100	<0.005	N/A	N/A	---	---	---	---
Duplicate	11/03/10	<0.002	<0.002	0.028	<0.002	<b>0.0110</b>	<0.100	<0.005	N/A	N/A	---	---	---	---
	06/21/11	<0.002	<0.002	0.0066	<0.002	<b>0.0025</b>	<0.100	<0.005	N/A	N/A	600	7.11	1.62	26.9
	06/21/11	<0.002	<0.002	0.0044	<0.002	<b>0.0020</b>	<0.100	<0.005	N/A	N/A	600	7.11	1.62	26.9
	09/21/11	<0.002	<0.002	<0.002	<0.002	<0.001	<0.100	<0.005	N/A	N/A	539	7.35	0.86	28.48
	12/21/11	<0.002	<0.002	<0.002	<0.002	<0.001	<0.100	<0.005	N/A	N/A	575	7.75	1.51	26.20
	02/21/12	0.002 J	0.0015 J	0.0022	<0.0003	<0.0002	<0.0018	0.0008 J	N/A	N/A	581	7.17	0.35	25.11
	04/02/12	0.0008 J	0.0009 J	0.0029	<0.0003	<0.0002	<0.0018	<0.0006	N/A	N/A	945	6.77	0.31	25.44
	05/14/12	0.0024	0.0028	0.0061	<0.0003	0.0002 J	<0.0013	<0.0002	N/A	N/A	521	7.23	0.21	26.31
06/25/12	0.0018 J	<0.0002	<0.0002	<0.0003	<0.0002	<0.0013	<0.0002	N/A	N/A	386	7.72	0.55	28.12	
MW-5D	02/15/10	<0.002	<0.002	<0.002	<0.002	<0.001	<0.100	<0.005	N/A	N/A	---	---	---	---
	05/04/10	<0.002	<0.002	<0.002	<0.002	<0.001	<0.100	<0.005	N/A	N/A	---	---	---	---
	06/21/11	<0.002	<0.002	<0.002	<0.002	<0.001	0.130	<0.005	N/A	N/A	555	7.28	0.74	26.1
	02/21/12	<0.0004	<0.0003	<0.0004	<0.0003	<0.0002	<0.0018	0.0007 J	N/A	N/A	598	7.27	0.32	25.45
	06/25/12	<0.0002	<0.0002	<0.0002	<0.0003	<0.0002	<0.0013	<0.0002	N/A	N/A	619	7.74	0.25	26.01
MW-6	02/15/10	<0.002	<0.002	<0.002	<0.002	<0.001	<0.100	<0.005	N/A	N/A	---	---	---	---
	06/21/11	<0.002	<0.002	<0.002	<0.002	<0.001	<0.100	<0.005	N/A	N/A	951	7.07	1.00	29.01
	02/21/12	<0.0004	<0.0003	<0.0004	<0.0003	<0.0002	<0.0018	0.0007 J	N/A	N/A	1130	7.30	0.20	23.84
MW-7	02/15/10	<0.002	<0.002	<0.002	<0.002	<0.001	<0.100	<0.005	N/A	N/A	---	---	---	---
	06/21/11	<0.002	<0.002	<0.002	<0.002	<0.001	<0.100	<0.005	N/A	N/A	798	6.98	0.84	31.16
	02/21/12	<0.0004	<0.0003	<0.0004	<0.0003	<0.0002	<0.0018	<0.0006	N/A	N/A	791	7.18	0.38	24.61
MW-8	02/15/10	<0.002	<0.002	<0.002	<0.002	<0.001	<0.100	<0.005	N/A	N/A	---	---	---	---
	06/21/11	<0.002	<0.002	<0.002	<0.002	<0.001	<0.100	<0.005	N/A	N/A	370	7.35	0.68	30.18
	02/21/12	<0.0004	<0.0003	<0.0004	<0.0003	<0.0002	<0.0018	<0.0006	N/A	N/A	773	7.30	0.55	25.44

**Notes:**

GCTL = Groundwater Cleanup Target Level per Chapter 62-777, Florida Administrative Code.

mg/L = Milligrams per liter.

N/A = Parameter not analyzed.

**Bold** = Result exceeds groundwater cleanup target level.

< = Results prior to 2012 less than reporting limit, subsequent to 2012 less than method detection limit.

J = Estimated value less than reporting limit but greater than method detection limit.

\* = Samples per DERM Permit analyzed by Palm Beach Environmental Laboratories, Inc.; all other samples per FDEP RCRA Permit analyzed by Analytical Services, Inc.

Sources: Palm Beach Environmental Laboratories, Inc., 2010;  
Analytical Services, Inc., 2012; and  
ECT, 2012.

## FIGURES

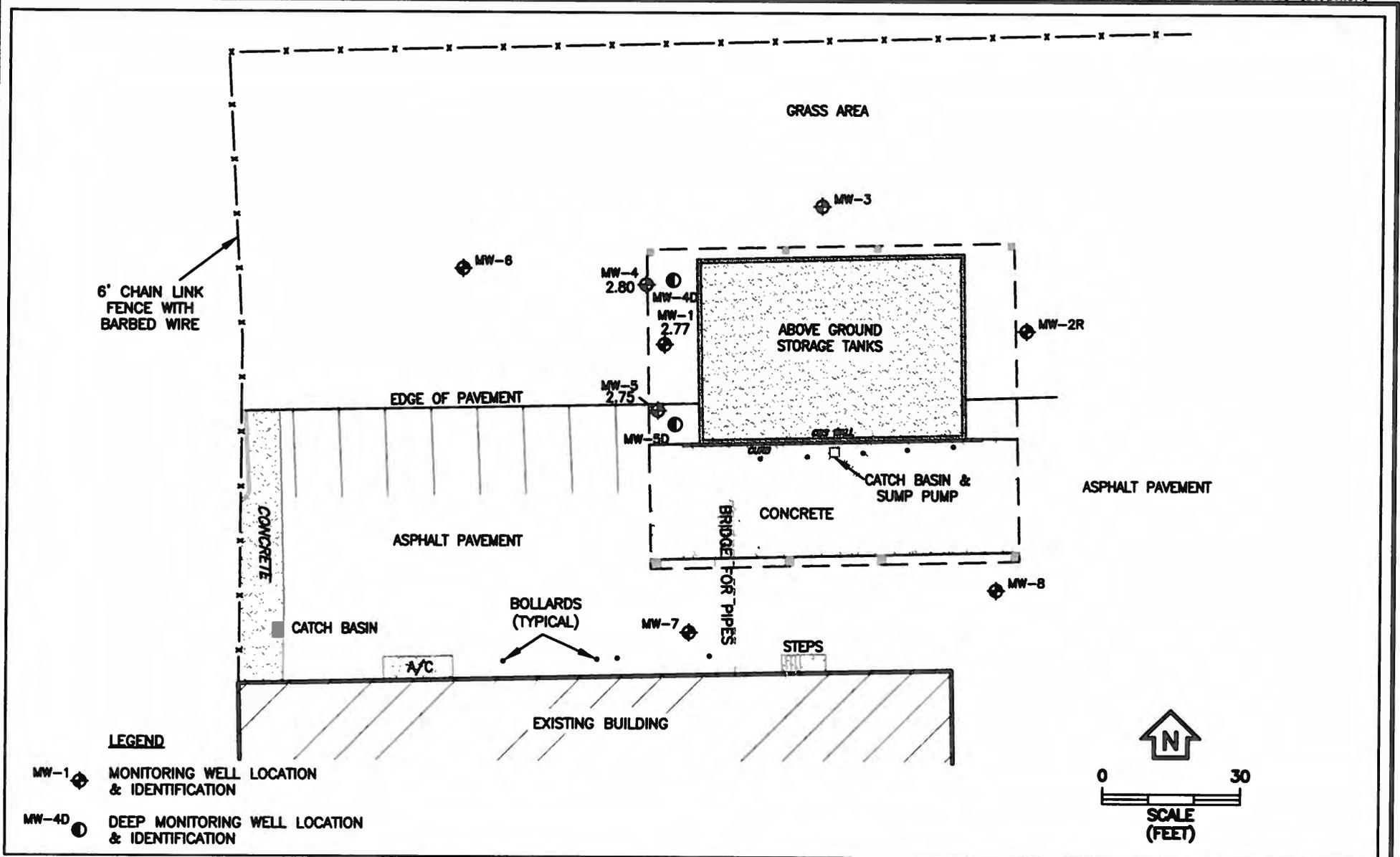
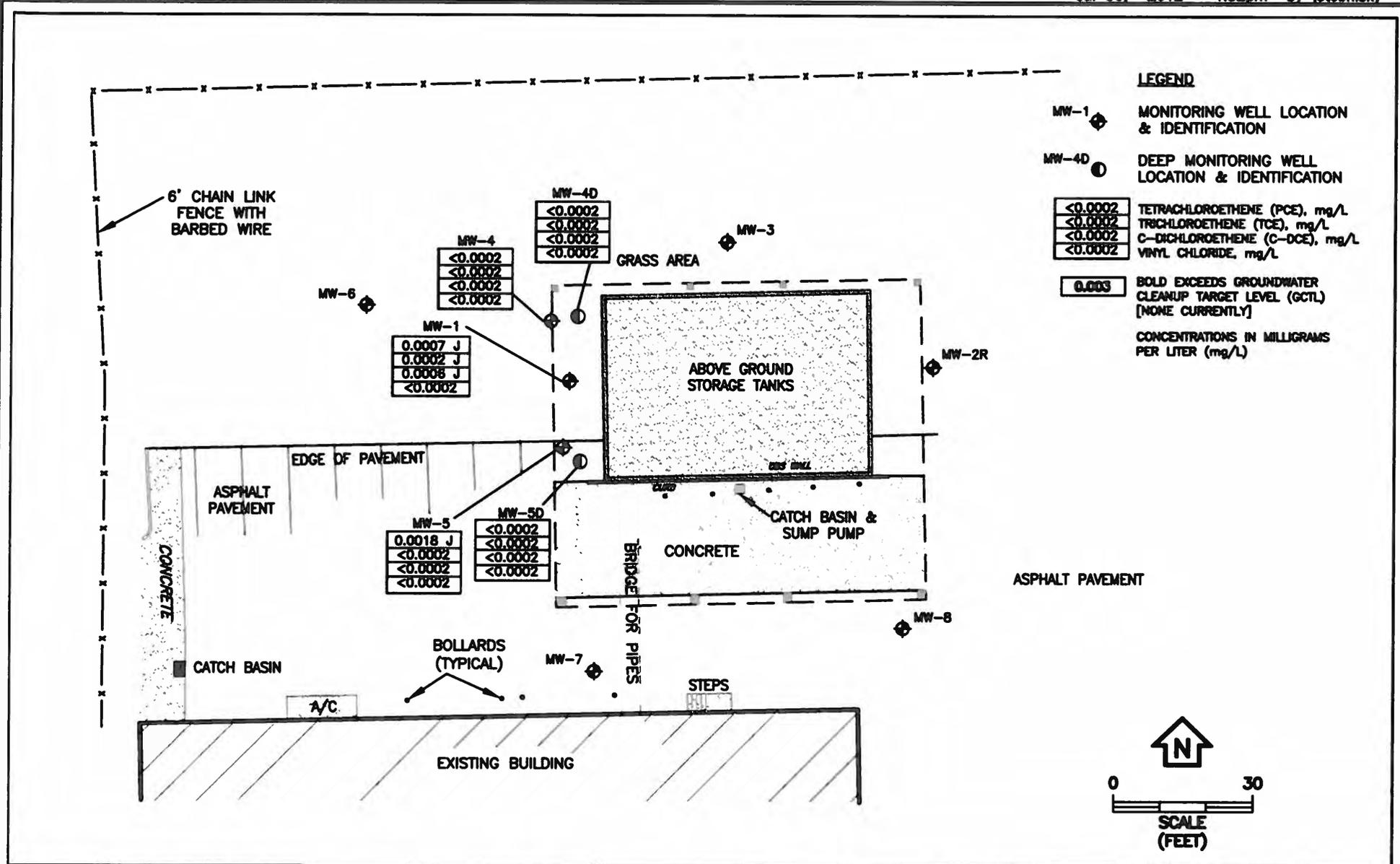


FIGURE 1.  
 WATER TABLE ELEVATION (FEET) MAP, JUNE 25, 2012  
 SAFETY-KLEEN SYSTEMS, INC.  
 8755 NW 95TH STREET  
 MEDLEY, MIAMI-DADE COUNTY, FLORIDA  
 Sources: Bloomster Professional Land Surveyors, Inc., 2010; ECT, 2012.





**FIGURE 2.**  
 GROUNDWATER ANALYTICAL SUMMARY - JUNE 25, 2012  
 SAFETY-KLEEN SYSTEMS, INC.  
 8755 NW 95TH STREET  
 MEDLEY, MIAMI-DADE COUNTY, FLORIDA  
 Sources: Bloomster Professional Land Surveyors, Inc., 2010; ECT, 2012.



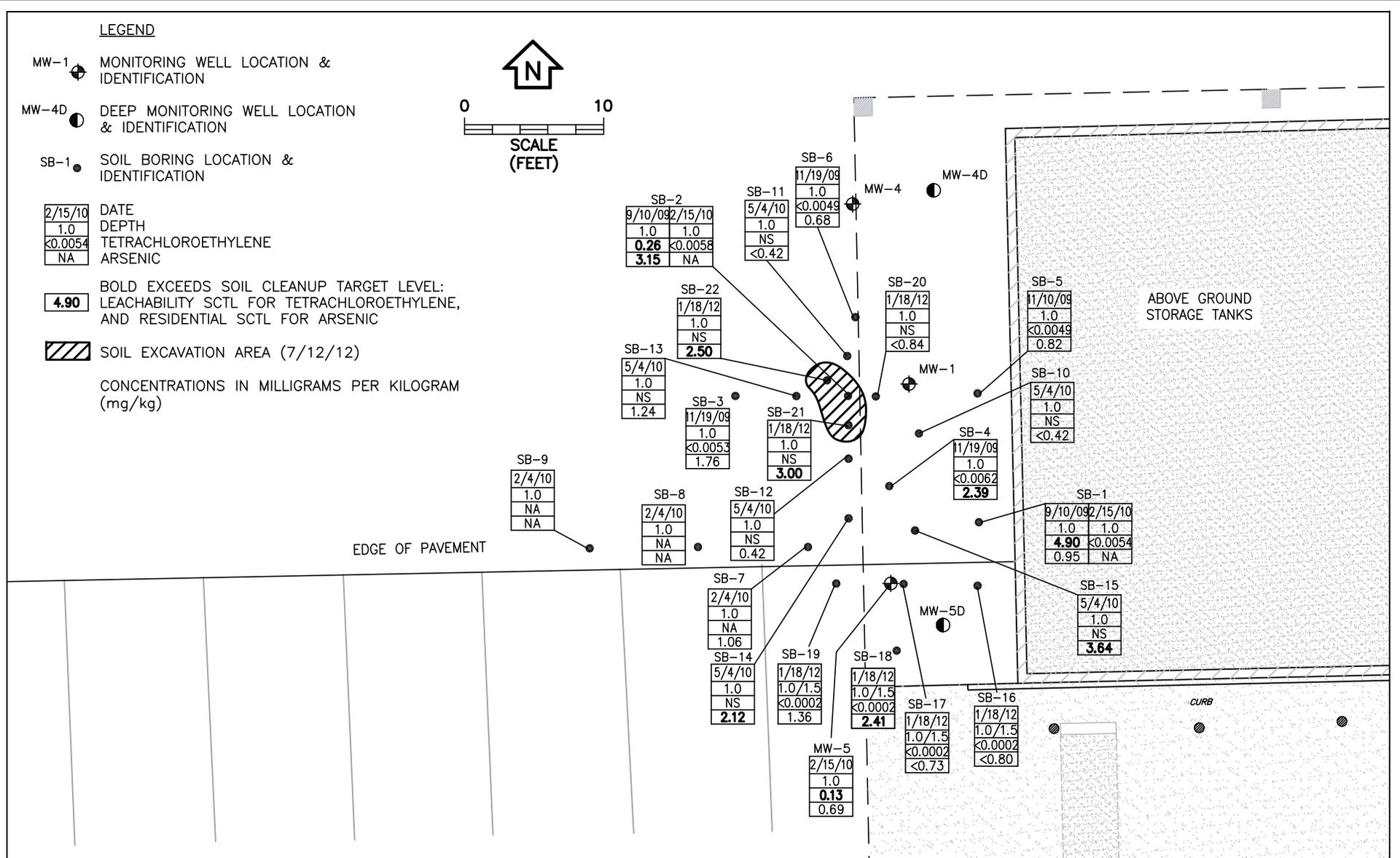


FIGURE 3.  
SOIL ANALYTICAL DATA AND AREA OF EXCAVATION  
SAFETY-KLEEN SYSTEMS, INC.  
8755 NW 95TH STREET  
MEDLEY, MIAMI-DADE COUNTY, FLORIDA  
Sources: Bloomster Professional Land Surveyors, Inc., 2010; ECT, 2012.



**ATTACHMENT 1**

**GROUNDWATER SAMPLING FORMS  
AND FIELD DOCUMENTATION**

ECT DETAILED FIELD SCHEDULE (attach if necessary)

PROJECT INFORMATION

Project & Task No.: SK MEDLEY, FL

Date: 6/25/12

FIELD SCHEDULE

TIME	DETAILED ACTIVITY DESCRIPTION
700	OFFICE, LOAD TRUCK
	EN-ROUTE PICK UP BATTERIES
900	ON-SITE
	GRASSY AREA, STANDING WATER
	COLLECT DTG FROM THE 5 WELLS
935	PURGE & SAMPLE MW-5
10:00	PURGE & SAMPLE MW-5D
10:40	— " — MW-4
11:15	— " — MW-4D
11:45	— " — MW-1
	Method - 8260
1215	COLLECT PURGE WATER & CONTAINERIZE THE WATER, SITE MANAGER NOTIFIED
1225	DEMORBILIZE
	PREPARE SAMPLE COVERS FOR LAB SEND THE SAMPLES OUT

*Shel*

6/25/12







**Form FD 9000-24  
GROUNDWATER SAMPLING LOG**

SITE NAME: SAFETY-KLEEN		SITE LOCATION: 8755 NW 95 <sup>TH</sup> ST, MEDLEY FL	
WELL NO: MW-4	SAMPLE ID: MW-4 062512	DATE: 6/25/12	

**PURGING DATA**

WELL DIAMETER (inches): 1"	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 2 feet to 12 feet	STATIC DEPTH TO WATER (feet): 2.97	PURGE PUMP TYPE OR BAILER: PP
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable) = ( 12 feet - 2.97 feet ) X 0.04 gallons/foot = 0.36 gallons				
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable) = gallons + ( gallons/foot X feet ) + gallons = gallons				

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 7.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 7.5	PURGING INITIATED AT: 10:40	PURGING ENDED AT: 11:06	TOTAL VOLUME PURGED (gallons): 3.38							
TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) μmhos/cm or μS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
11:00	2.60	2.6	0.13	2.97	7.62	26.88	554	0.38	16.6	clear	none
11:03	0.39	2.99	↓	2.98	7.61	26.93	558	0.42	3.97	↓	↓
11:06	0.39	3.38	↓	2.98	7.59	26.92	558	0.41	4.12	↓	↓

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88  
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016  
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

**SAMPLING DATA**

SAMPLED BY (PRINT) / AFFILIATION: THAKAR S. / ECT Inc	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 11:07	SAMPLING ENDED AT: 11:10
PUMP OR TUBING DEPTH IN WELL (feet): 7.5	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N)	FILTER SIZE: _____ μm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-4 062512	3	CG	40 mL	HU 1-	-	-	8260	RFPP	< 100

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.  
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)  
pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: ± 5% Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)



**Form FD 9000-24  
GROUNDWATER SAMPLING LOG**

SITE NAME: SAFETY-KLEEN	SITE LOCATION: 8755 NW 95 <sup>TH</sup> ST, MEDLEY FL
WELL NO: MW-1	SAMPLE ID: MW-1 062512
DATE: 6/25/12	

**PURGING DATA**

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 1 feet to 11 feet	STATIC DEPTH TO WATER (feet): 3.14	PURGE PUMP TYPE OR BAILER: PP
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable) = ( 11 feet - 3.14 feet ) X 0.16 gallons/foot = 1.25 gallons				
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable) = gallons + ( gallons/foot X feet ) + gallons = gallons				

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 7.0	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 7.0	PURGING INITIATED AT: 11:45	PURGING ENDED AT: 12:06	TOTAL VOLUME PURGED (gallons): 2.23							
TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) μmhos/cm or μS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1200	1.45	1.45	0.13	3.14	7.65	27.14	475	0.55	4.60	clear	none
1203	0.39	1.84	↓	3.14	7.64	27.19	474	0.41	4.12	↓	↓
1206	0.39	2.23	↓	3.14	7.65	27.25	473	0.33	3.60	↓	↓

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88  
 TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016  
 PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

**SAMPLING DATA**

SAMPLED BY (PRINT) / AFFILIATION: THAKAR S. / ECT Inc	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 12:06	SAMPLING ENDED AT: 12:10							
PUMP OR TUBING DEPTH IN WELL (feet): 7.0	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y <input checked="" type="checkbox"/>	FILTER SIZE: _____ μm							
FIELD DECONTAMINATION: PUMP Y <input checked="" type="checkbox"/>	TUBING Y <input checked="" type="checkbox"/> (replaced)	DUPLICATE: Y <input checked="" type="checkbox"/>								
SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	8260	RFPP	< 100	
MW-1062512	3	CG	40 mL	HCl -	-	-				

REMARKS: weather overcast

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)  
 SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

**NOTES:** 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.  
 2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)  
 pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: ± 5% Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

**ATTACHMENT 2**

**PARM #4—GROUNDWATER  
LABORATORY ANALYTICAL 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 - Elgin  
1502 E. Villa Street  
Elgin, IL 60120

Attention: Mr. Bob Schoepke

Report Number: AVF0875

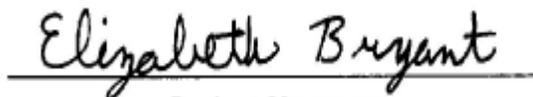
June 29, 2012

Project: Medley, FL

Project #:FLD984171694

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:

  
Project Manager

This report may not be reproduced, except in full, without written approval from Analytical Services, Inc. Analytical Services, Inc. certifies that the following analytical results meet all requirements of the National Environmental Laboratory Accreditation Conference(NELAC).  
All test results relate only to the samples analyzed.



# ANALYTICAL SERVICES, INC.

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

Safety-Kleen Corporation - Elgin  
1502 E. Villa Street  
Elgin IL, 60120

Attention: Mr. Bob Schoepke

June 29, 2012

## ANALYTICAL REPORT FOR SAMPLES

<u>Sample ID</u>	<u>Laboratory ID</u>	<u>Matrix</u>	<u>Date Sampled</u>	<u>Date Received</u>
MW-1 062512	AVF0875-01	Ground Water	06/25/12 12:10	06/26/12 09:35
MW-5 062512	AVF0875-02	Ground Water	06/25/12 10:15	06/26/12 09:35
MW-4 062512	AVF0875-03	Ground Water	06/25/12 11:10	06/26/12 09:35
MW-4D 062512	AVF0875-04	Ground Water	06/25/12 11:40	06/26/12 09:35
MW-5D 062512	AVF0875-05	Ground Water	06/25/12 10:30	06/26/12 09:35
Trip Blank	AVF0875-06	Water	06/25/12 00:00	06/26/12 09:35



# ANALYTICAL SERVICES, INC.

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

Safety-Kleen Corporation - Elgin  
1502 E. Villa Street  
Elgin IL, 60120

Attention: Mr. Bob Schoepke

June 29, 2012

Report No.: AVF0875

Project: Medley, FL

Client ID: MW-1 062512

Lab Number ID: AVF0875-01

Date/Time Sampled: 6/25/2012 12:10:00PM

Date/Time Received: 6/26/2012 9:35:00AM

Matrix: Ground Water

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
<b>Volatile Organic Compounds by EPA 8260</b>											
Acetone	ND	100	6.1	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 10:28	2060809	CJH
Acrolein	ND	50	2.8	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 10:28	2060809	CJH
Acrylonitrile	ND	50	1.9	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 10:28	2060809	CJH
Allyl Chloride (3-Chloropropylene)	ND	10	1.1	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 10:28	2060809	CJH
Benzene	ND	2.0	0.1	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 10:28	2060809	CJH
Bromobenzene	ND	10	0.2	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 10:28	2060809	CJH
Bromochloromethane	ND	10	0.4	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 10:28	2060809	CJH
Bromodichloromethane	ND	10	0.3	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 10:28	2060809	CJH
Bromoform	ND	10	1.0	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 10:28	2060809	CJH
Bromomethane	ND	10	2.0	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 10:28	2060809	CJH
n-Butylbenzene	ND	10	0.8	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 10:28	2060809	CJH
sec-Butylbenzene	ND	10	0.2	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 10:28	2060809	CJH
tert-Butylbenzene	ND	10	0.8	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 10:28	2060809	CJH
Carbon Disulfide	ND	10	1.5	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 10:28	2060809	CJH
Carbon Tetrachloride	ND	2.0	0.9	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 10:28	2060809	CJH
Chlorobenzene	ND	10	0.3	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 10:28	2060809	CJH
1-Chlorobutane	ND	10	0.3	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 10:28	2060809	CJH
Chloroethane	ND	5.0	0.7	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 10:28	2060809	CJH
2-Chloroethyl Vinyl Ether	ND	10	0.8	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 10:28	2060809	CJH
Chloroform	ND	2.0	0.4	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 10:28	2060809	CJH
Chloromethane	ND	10	0.1	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 10:28	2060809	CJH
2-Chlorotoluene	ND	10	0.2	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 10:28	2060809	CJH
4-Chlorotoluene	ND	10	0.3	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 10:28	2060809	CJH
Dibromochloromethane	ND	10	1.3	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 10:28	2060809	CJH
1,2-Dibromo-3-chloropropane	ND	10	1.0	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 10:28	2060809	CJH
1,2-Dibromoethane	ND	10	0.3	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 10:28	2060809	CJH
Dibromomethane	ND	10	0.4	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 10:28	2060809	CJH
1,2-Dichlorobenzene	ND	10	0.3	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 10:28	2060809	CJH
1,3-Dichlorobenzene	ND	10	0.2	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 10:28	2060809	CJH
1,4-Dichlorobenzene	ND	10	0.3	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 10:28	2060809	CJH
trans-1,4-Dichloro-2-butene	ND	5.0	0.9	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 10:28	2060809	CJH
Dichlorodifluoromethane	ND	10	0.6	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 10:28	2060809	CJH



# ANALYTICAL SERVICES, INC.

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

Safety-Kleen Corporation - Elgin  
1502 E. Villa Street  
Elgin IL, 60120

Attention: Mr. Bob Schoepke

June 29, 2012

Report No.: AVF0875

Project: Medley, FL

Client ID: MW-1 062512

Lab Number ID: AVF0875-01

Date/Time Sampled: 6/25/2012 12:10:00PM

Date/Time Received: 6/26/2012 9:35:00AM

Matrix: Ground Water

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
<b>Volatile Organic Compounds by EPA 8260</b>											
1,1-Dichloroethane	ND	2.0	0.2	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 10:28	2060809	CJH
1,2-Dichloroethane	ND	2.0	0.2	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 10:28	2060809	CJH
1,1-Dichloroethene	ND	2.0	0.2	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 10:28	2060809	CJH
cis-1,2-Dichloroethene	0.6	2.0	0.2	ug/L	EPA 8260B	J	1	06/27/12 10:00	06/27/12 10:28	2060809	CJH
trans-1,2-Dichloroethene	ND	2.0	0.3	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 10:28	2060809	CJH
1,2-Dichloropropane	ND	2.0	0.2	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 10:28	2060809	CJH
1,3-Dichloropropane	ND	2.0	0.4	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 10:28	2060809	CJH
2,2-Dichloropropane	ND	10	1.2	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 10:28	2060809	CJH
1,1-Dichloropropene	ND	10	0.2	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 10:28	2060809	CJH
cis-1,3-Dichloropropene	ND	2.0	0.3	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 10:28	2060809	CJH
trans-1,3-Dichloropropene	ND	2.0	0.3	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 10:28	2060809	CJH
Ethylbenzene	ND	2.0	0.3	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 10:28	2060809	CJH
Ethyl Methacrylate	ND	10	0.9	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 10:28	2060809	CJH
Hexachlorobutadiene	ND	10	0.4	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 10:28	2060809	CJH
p-Isopropyltoluene	ND	10	0.8	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 10:28	2060809	CJH
Hexachloroethane	ND	10	2.4	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 10:28	2060809	CJH
Iodomethane	ND	10	1.8	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 10:28	2060809	CJH
Isopropylbenzene	ND	10	0.8	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 10:28	2060809	CJH
Methacrylonitrile	ND	10	0.5	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 10:28	2060809	CJH
Methyl Acrylate	ND	10	1.5	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 10:28	2060809	CJH
Methyl Butyl Ketone (2-Hexanone)	ND	10	1.3	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 10:28	2060809	CJH
Methylene Chloride	ND	5.0	0.2	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 10:28	2060809	CJH
Methyl Ethyl Ketone (2-Butanone)	ND	100	1.3	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 10:28	2060809	CJH
Methyl Methacrylate	ND	10	1.0	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 10:28	2060809	CJH
4-Methyl-2-pentanone (MIBK)	ND	10	1.3	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 10:28	2060809	CJH
Methyl-tert-Butyl Ether	ND	10	0.4	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 10:28	2060809	CJH
Naphthalene	ND	10	0.9	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 10:28	2060809	CJH
2-Nitropropane	ND	10	3.9	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 10:28	2060809	CJH
Propionitrile (Ethyl Cyanide)	ND	20	3.6	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 10:28	2060809	CJH
n-Propylbenzene	ND	10	0.9	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 10:28	2060809	CJH
Styrene	ND	5.0	0.7	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 10:28	2060809	CJH
1,1,1,2-Tetrachloroethane	ND	2.0	0.5	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 10:28	2060809	CJH



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Safety-Kleen Corporation - Elgin  
1502 E. Villa Street  
Elgin IL, 60120

Attention: Mr. Bob Schoepke

June 29, 2012

Report No.: AVF0875

Project: Medley, FL

Client ID: MW-1 062512

Lab Number ID: AVF0875-01

Date/Time Sampled: 6/25/2012 12:10:00PM

Date/Time Received: 6/26/2012 9:35:00AM

Matrix: Ground Water

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
<b>Volatile Organic Compounds by EPA 8260</b>											
1,1,2,2-Tetrachloroethane	ND	2.0	0.2	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 10:28	2060809	CJH
Tetrachloroethane	0.7	2.0	0.2	ug/L	EPA 8260B	J	1	06/27/12 10:00	06/27/12 10:28	2060809	CJH
Toluene	ND	2.0	0.2	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 10:28	2060809	CJH
1,2,3-Trichlorobenzene	ND	10	0.6	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 10:28	2060809	CJH
1,2,4-Trichlorobenzene	ND	10	0.5	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 10:28	2060809	CJH
1,1,1-Trichloroethane	ND	2.0	0.4	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 10:28	2060809	CJH
1,1,2-Trichloroethane	ND	2.0	0.4	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 10:28	2060809	CJH
Trichloroethene	0.2	2.0	0.2	ug/L	EPA 8260B	J	1	06/27/12 10:00	06/27/12 10:28	2060809	CJH
Trichlorofluoromethane	ND	10	0.2	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 10:28	2060809	CJH
1,2,3-Trichloropropane	ND	10	0.9	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 10:28	2060809	CJH
1,2,4-Trimethylbenzene	ND	10	0.8	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 10:28	2060809	CJH
1,3,5-Trimethylbenzene	ND	10	0.9	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 10:28	2060809	CJH
Vinyl Acetate	ND	10	0.3	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 10:28	2060809	CJH
Vinyl Chloride	ND	1.0	0.2	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 10:28	2060809	CJH
m+p-Xylene	ND	5.0	0.4	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 10:28	2060809	CJH
o-Xylene	ND	5.0	0.8	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 10:28	2060809	CJH
Xylenes, total	ND	5.0	0.8	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 10:28	2060809	CJH
Surrogate: Dibromofluoromethane	95 %		75-123		EPA 8260B			06/27/12 10:00	06/27/12 10:28	2060809	
Surrogate: 1,2-Dichloroethane-d4	102 %		72-120		EPA 8260B			06/27/12 10:00	06/27/12 10:28	2060809	
Surrogate: Toluene-d8	93 %		75-120		EPA 8260B			06/27/12 10:00	06/27/12 10:28	2060809	
Surrogate: 4-Bromofluorobenzene	96 %		80-120		EPA 8260B			06/27/12 10:00	06/27/12 10:28	2060809	



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Safety-Kleen Corporation - Elgin  
1502 E. Villa Street  
Elgin IL, 60120

Attention: Mr. Bob Schoepke

June 29, 2012

Report No.: AVF0875

Project: Medley, FL

Client ID: MW-5 062512

Lab Number ID: AVF0875-02

Date/Time Sampled: 6/25/2012 10:15:00AM

Date/Time Received: 6/26/2012 9:35:00AM

Matrix: Ground Water

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
<b>Volatile Organic Compounds by EPA 8260</b>											
Acetone	ND	100	6.1	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 10:56	2060809	CJH
Acrolein	ND	50	2.8	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 10:56	2060809	CJH
Acrylonitrile	ND	50	1.9	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 10:56	2060809	CJH
Allyl Chloride (3-Chloropropylene)	ND	10	1.1	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 10:56	2060809	CJH
Benzene	ND	2.0	0.1	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 10:56	2060809	CJH
Bromobenzene	ND	10	0.2	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 10:56	2060809	CJH
Bromochloromethane	ND	10	0.4	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 10:56	2060809	CJH
Bromodichloromethane	ND	10	0.3	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 10:56	2060809	CJH
Bromoform	ND	10	1.0	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 10:56	2060809	CJH
Bromomethane	ND	10	2.0	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 10:56	2060809	CJH
n-Butylbenzene	ND	10	0.8	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 10:56	2060809	CJH
sec-Butylbenzene	ND	10	0.2	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 10:56	2060809	CJH
tert-Butylbenzene	ND	10	0.8	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 10:56	2060809	CJH
Carbon Disulfide	ND	10	1.5	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 10:56	2060809	CJH
Carbon Tetrachloride	ND	2.0	0.9	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 10:56	2060809	CJH
Chlorobenzene	ND	10	0.3	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 10:56	2060809	CJH
1-Chlorobutane	ND	10	0.3	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 10:56	2060809	CJH
Chloroethane	ND	5.0	0.7	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 10:56	2060809	CJH
2-Chloroethyl Vinyl Ether	ND	10	0.8	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 10:56	2060809	CJH
Chloroform	ND	2.0	0.4	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 10:56	2060809	CJH
Chloromethane	ND	10	0.1	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 10:56	2060809	CJH
2-Chlorotoluene	ND	10	0.2	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 10:56	2060809	CJH
4-Chlorotoluene	ND	10	0.3	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 10:56	2060809	CJH
Dibromochloromethane	ND	10	1.3	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 10:56	2060809	CJH
1,2-Dibromo-3-chloropropane	ND	10	1.0	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 10:56	2060809	CJH
1,2-Dibromoethane	ND	10	0.3	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 10:56	2060809	CJH
Dibromomethane	ND	10	0.4	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 10:56	2060809	CJH
1,2-Dichlorobenzene	ND	10	0.3	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 10:56	2060809	CJH
1,3-Dichlorobenzene	ND	10	0.2	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 10:56	2060809	CJH
1,4-Dichlorobenzene	ND	10	0.3	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 10:56	2060809	CJH
trans-1,4-Dichloro-2-butene	ND	5.0	0.9	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 10:56	2060809	CJH
Dichlorodifluoromethane	ND	10	0.6	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 10:56	2060809	CJH



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1502 E. Villa Street  
Elgin IL, 60120

Attention: Mr. Bob Schoepke

June 29, 2012

Report No.: AVF0875

Project: Medley, FL

Client ID: MW-5 062512

Lab Number ID: AVF0875-02

Date/Time Sampled: 6/25/2012 10:15:00AM

Date/Time Received: 6/26/2012 9:35:00AM

Matrix: Ground Water

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
<b>Volatile Organic Compounds by EPA 8260</b>											
1,1-Dichloroethane	ND	2.0	0.2	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 10:56	2060809	CJH
1,2-Dichloroethane	ND	2.0	0.2	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 10:56	2060809	CJH
1,1-Dichloroethene	ND	2.0	0.2	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 10:56	2060809	CJH
cis-1,2-Dichloroethene	ND	2.0	0.2	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 10:56	2060809	CJH
trans-1,2-Dichloroethene	ND	2.0	0.3	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 10:56	2060809	CJH
1,2-Dichloropropane	ND	2.0	0.2	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 10:56	2060809	CJH
1,3-Dichloropropane	ND	2.0	0.4	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 10:56	2060809	CJH
2,2-Dichloropropane	ND	10	1.2	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 10:56	2060809	CJH
1,1-Dichloropropene	ND	10	0.2	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 10:56	2060809	CJH
cis-1,3-Dichloropropene	ND	2.0	0.3	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 10:56	2060809	CJH
trans-1,3-Dichloropropene	ND	2.0	0.3	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 10:56	2060809	CJH
Ethylbenzene	ND	2.0	0.3	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 10:56	2060809	CJH
Ethyl Methacrylate	ND	10	0.9	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 10:56	2060809	CJH
Hexachlorobutadiene	ND	10	0.4	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 10:56	2060809	CJH
p-Isopropyltoluene	ND	10	0.8	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 10:56	2060809	CJH
Hexachloroethane	ND	10	2.4	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 10:56	2060809	CJH
Iodomethane	ND	10	1.8	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 10:56	2060809	CJH
Isopropylbenzene	ND	10	0.8	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 10:56	2060809	CJH
Methacrylonitrile	ND	10	0.5	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 10:56	2060809	CJH
Methyl Acrylate	ND	10	1.5	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 10:56	2060809	CJH
Methyl Butyl Ketone (2-Hexanone)	ND	10	1.3	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 10:56	2060809	CJH
Methylene Chloride	ND	5.0	0.2	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 10:56	2060809	CJH
Methyl Ethyl Ketone (2-Butanone)	ND	100	1.3	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 10:56	2060809	CJH
Methyl Methacrylate	ND	10	1.0	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 10:56	2060809	CJH
4-Methyl-2-pentanone (MIBK)	ND	10	1.3	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 10:56	2060809	CJH
Methyl-tert-Butyl Ether	ND	10	0.4	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 10:56	2060809	CJH
Naphthalene	ND	10	0.9	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 10:56	2060809	CJH
2-Nitropropane	ND	10	3.9	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 10:56	2060809	CJH
Propionitrile (Ethyl Cyanide)	ND	20	3.6	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 10:56	2060809	CJH
n-Propylbenzene	ND	10	0.9	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 10:56	2060809	CJH
Styrene	ND	5.0	0.7	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 10:56	2060809	CJH
1,1,1,2-Tetrachloroethane	ND	2.0	0.5	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 10:56	2060809	CJH



# ANALYTICAL SERVICES, INC.

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

Safety-Kleen Corporation - Elgin  
1502 E. Villa Street  
Elgin IL, 60120

Attention: Mr. Bob Schoepke

June 29, 2012

Report No.: AVF0875

Project: Medley, FL

Client ID: MW-5 062512

Lab Number ID: AVF0875-02

Date/Time Sampled: 6/25/2012 10:15:00AM

Date/Time Received: 6/26/2012 9:35:00AM

Matrix: Ground Water

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
<b>Volatile Organic Compounds by EPA 8260</b>											
1,1,2,2-Tetrachloroethane	ND	2.0	0.2	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 10:56	2060809	CJH
Tetrachloroethene	1.8	2.0	0.2	ug/L	EPA 8260B	J	1	06/27/12 10:00	06/27/12 10:56	2060809	CJH
Toluene	ND	2.0	0.2	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 10:56	2060809	CJH
1,2,3-Trichlorobenzene	ND	10	0.6	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 10:56	2060809	CJH
1,2,4-Trichlorobenzene	ND	10	0.5	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 10:56	2060809	CJH
1,1,1-Trichloroethane	ND	2.0	0.4	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 10:56	2060809	CJH
1,1,2-Trichloroethane	ND	2.0	0.4	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 10:56	2060809	CJH
Trichloroethene	ND	2.0	0.2	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 10:56	2060809	CJH
Trichlorofluoromethane	ND	10	0.2	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 10:56	2060809	CJH
1,2,3-Trichloropropane	ND	10	0.9	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 10:56	2060809	CJH
1,2,4-Trimethylbenzene	ND	10	0.8	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 10:56	2060809	CJH
1,3,5-Trimethylbenzene	ND	10	0.9	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 10:56	2060809	CJH
Vinyl Acetate	ND	10	0.3	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 10:56	2060809	CJH
Vinyl Chloride	ND	1.0	0.2	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 10:56	2060809	CJH
m+p-Xylene	ND	5.0	0.4	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 10:56	2060809	CJH
o-Xylene	ND	5.0	0.8	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 10:56	2060809	CJH
Xylenes, total	ND	5.0	0.8	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 10:56	2060809	CJH
Surrogate: Dibromofluoromethane	95 %		75-123		EPA 8260B			06/27/12 10:00	06/27/12 10:56	2060809	
Surrogate: 1,2-Dichloroethane-d4	103 %		72-120		EPA 8260B			06/27/12 10:00	06/27/12 10:56	2060809	
Surrogate: Toluene-d8	93 %		75-120		EPA 8260B			06/27/12 10:00	06/27/12 10:56	2060809	
Surrogate: 4-Bromofluorobenzene	94 %		80-120		EPA 8260B			06/27/12 10:00	06/27/12 10:56	2060809	



# ANALYTICAL SERVICES, INC.

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

Safety-Kleen Corporation - Elgin  
1502 E. Villa Street  
Elgin IL, 60120

Attention: Mr. Bob Schoepke

June 29, 2012

Report No.: AVF0875

Project: Medley, FL

Client ID: MW-4 062512

Lab Number ID: AVF0875-03

Date/Time Sampled: 6/25/2012 11:10:00AM

Date/Time Received: 6/26/2012 9:35:00AM

Matrix: Ground Water

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
<b>Volatile Organic Compounds by EPA 8260</b>											
Acetone	ND	100	6.1	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:25	2060809	CJH
Acrolein	ND	50	2.8	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:25	2060809	CJH
Acrylonitrile	ND	50	1.9	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:25	2060809	CJH
Allyl Chloride (3-Chloropropylene)	ND	10	1.1	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:25	2060809	CJH
Benzene	ND	2.0	0.1	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:25	2060809	CJH
Bromobenzene	ND	10	0.2	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:25	2060809	CJH
Bromochloromethane	ND	10	0.4	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:25	2060809	CJH
Bromodichloromethane	ND	10	0.3	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:25	2060809	CJH
Bromoform	ND	10	1.0	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:25	2060809	CJH
Bromomethane	ND	10	2.0	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:25	2060809	CJH
n-Butylbenzene	ND	10	0.8	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:25	2060809	CJH
sec-Butylbenzene	ND	10	0.2	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:25	2060809	CJH
tert-Butylbenzene	ND	10	0.8	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:25	2060809	CJH
Carbon Disulfide	ND	10	1.5	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:25	2060809	CJH
Carbon Tetrachloride	ND	2.0	0.9	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:25	2060809	CJH
Chlorobenzene	ND	10	0.3	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:25	2060809	CJH
1-Chlorobutane	ND	10	0.3	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:25	2060809	CJH
Chloroethane	ND	5.0	0.7	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:25	2060809	CJH
2-Chloroethyl Vinyl Ether	ND	10	0.8	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:25	2060809	CJH
Chloroform	ND	2.0	0.4	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:25	2060809	CJH
Chloromethane	ND	10	0.1	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:25	2060809	CJH
2-Chlorotoluene	ND	10	0.2	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:25	2060809	CJH
4-Chlorotoluene	ND	10	0.3	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:25	2060809	CJH
Dibromochloromethane	ND	10	1.3	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:25	2060809	CJH
1,2-Dibromo-3-chloropropane	ND	10	1.0	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:25	2060809	CJH
1,2-Dibromoethane	ND	10	0.3	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:25	2060809	CJH
Dibromomethane	ND	10	0.4	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:25	2060809	CJH
1,2-Dichlorobenzene	ND	10	0.3	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:25	2060809	CJH
1,3-Dichlorobenzene	ND	10	0.2	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:25	2060809	CJH
1,4-Dichlorobenzene	ND	10	0.3	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:25	2060809	CJH
trans-1,4-Dichloro-2-butene	ND	5.0	0.9	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:25	2060809	CJH
Dichlorodifluoromethane	ND	10	0.6	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:25	2060809	CJH



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Safety-Kleen Corporation - Elgin  
1502 E. Villa Street  
Elgin IL, 60120

Attention: Mr. Bob Schoepke

June 29, 2012

Report No.: AVF0875

Project: Medley, FL

Client ID: MW-4 062512

Lab Number ID: AVF0875-03

Date/Time Sampled: 6/25/2012 11:10:00AM

Date/Time Received: 6/26/2012 9:35:00AM

Matrix: Ground Water

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
<b>Volatile Organic Compounds by EPA 8260</b>											
1,1-Dichloroethane	ND	2.0	0.2	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:25	2060809	CJH
1,2-Dichloroethane	ND	2.0	0.2	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:25	2060809	CJH
1,1-Dichloroethene	ND	2.0	0.2	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:25	2060809	CJH
cis-1,2-Dichloroethene	ND	2.0	0.2	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:25	2060809	CJH
trans-1,2-Dichloroethene	ND	2.0	0.3	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:25	2060809	CJH
1,2-Dichloropropane	ND	2.0	0.2	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:25	2060809	CJH
1,3-Dichloropropane	ND	2.0	0.4	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:25	2060809	CJH
2,2-Dichloropropane	ND	10	1.2	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:25	2060809	CJH
1,1-Dichloropropene	ND	10	0.2	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:25	2060809	CJH
cis-1,3-Dichloropropene	ND	2.0	0.3	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:25	2060809	CJH
trans-1,3-Dichloropropene	ND	2.0	0.3	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:25	2060809	CJH
Ethylbenzene	ND	2.0	0.3	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:25	2060809	CJH
Ethyl Methacrylate	ND	10	0.9	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:25	2060809	CJH
Hexachlorobutadiene	ND	10	0.4	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:25	2060809	CJH
p-Isopropyltoluene	ND	10	0.8	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:25	2060809	CJH
Hexachloroethane	ND	10	2.4	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:25	2060809	CJH
Iodomethane	ND	10	1.8	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:25	2060809	CJH
Isopropylbenzene	ND	10	0.8	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:25	2060809	CJH
Methacrylonitrile	ND	10	0.5	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:25	2060809	CJH
Methyl Acrylate	ND	10	1.5	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:25	2060809	CJH
Methyl Butyl Ketone (2-Hexanone)	ND	10	1.3	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:25	2060809	CJH
Methylene Chloride	ND	5.0	0.2	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:25	2060809	CJH
Methyl Ethyl Ketone (2-Butanone)	ND	100	1.3	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:25	2060809	CJH
Methyl Methacrylate	ND	10	1.0	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:25	2060809	CJH
4-Methyl-2-pentanone (MIBK)	ND	10	1.3	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:25	2060809	CJH
Methyl-tert-Butyl Ether	ND	10	0.4	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:25	2060809	CJH
Naphthalene	ND	10	0.9	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:25	2060809	CJH
2-Nitropropane	ND	10	3.9	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:25	2060809	CJH
Propionitrile (Ethyl Cyanide)	ND	20	3.6	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:25	2060809	CJH
n-Propylbenzene	ND	10	0.9	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:25	2060809	CJH
Styrene	ND	5.0	0.7	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:25	2060809	CJH
1,1,1,2-Tetrachloroethane	ND	2.0	0.5	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:25	2060809	CJH



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Safety-Kleen Corporation - Elgin  
1502 E. Villa Street  
Elgin IL, 60120

Attention: Mr. Bob Schoepke

June 29, 2012

Report No.: AVF0875

Project: Medley, FL

Client ID: MW-4 062512

Lab Number ID: AVF0875-03

Date/Time Sampled: 6/25/2012 11:10:00AM

Date/Time Received: 6/26/2012 9:35:00AM

Matrix: Ground Water

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
<b>Volatile Organic Compounds by EPA 8260</b>											
1,1,2,2-Tetrachloroethane	ND	2.0	0.2	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:25	2060809	CJH
Tetrachloroethene	ND	2.0	0.2	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:25	2060809	CJH
Toluene	ND	2.0	0.2	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:25	2060809	CJH
1,2,3-Trichlorobenzene	ND	10	0.6	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:25	2060809	CJH
1,2,4-Trichlorobenzene	ND	10	0.5	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:25	2060809	CJH
1,1,1-Trichloroethane	ND	2.0	0.4	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:25	2060809	CJH
1,1,2-Trichloroethane	ND	2.0	0.4	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:25	2060809	CJH
Trichloroethene	ND	2.0	0.2	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:25	2060809	CJH
Trichlorofluoromethane	ND	10	0.2	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:25	2060809	CJH
1,2,3-Trichloropropane	ND	10	0.9	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:25	2060809	CJH
1,2,4-Trimethylbenzene	ND	10	0.8	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:25	2060809	CJH
1,3,5-Trimethylbenzene	ND	10	0.9	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:25	2060809	CJH
Vinyl Acetate	ND	10	0.3	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:25	2060809	CJH
Vinyl Chloride	ND	1.0	0.2	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:25	2060809	CJH
m+p-Xylene	ND	5.0	0.4	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:25	2060809	CJH
o-Xylene	ND	5.0	0.8	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:25	2060809	CJH
Xylenes, total	ND	5.0	0.8	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:25	2060809	CJH
Surrogate: Dibromofluoromethane	96 %		75-123		EPA 8260B			06/27/12 10:00	06/27/12 11:25	2060809	
Surrogate: 1,2-Dichloroethane-d4	103 %		72-120		EPA 8260B			06/27/12 10:00	06/27/12 11:25	2060809	
Surrogate: Toluene-d8	93 %		75-120		EPA 8260B			06/27/12 10:00	06/27/12 11:25	2060809	
Surrogate: 4-Bromofluorobenzene	96 %		80-120		EPA 8260B			06/27/12 10:00	06/27/12 11:25	2060809	



# ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis  
110 Technology Parkway, Norcross, GA 30092  
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Safety-Kleen Corporation - Elgin  
1502 E. Villa Street  
Elgin IL, 60120

Attention: Mr. Bob Schoepke

June 29, 2012

Report No.: AVF0875

Project: Medley, FL

Client ID: MW-4D 062512

Lab Number ID: AVF0875-04

Date/Time Sampled: 6/25/2012 11:40:00AM

Date/Time Received: 6/26/2012 9:35:00AM

Matrix: Ground Water

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
<b>Volatile Organic Compounds by EPA 8260</b>											
Acetone	ND	100	6.1	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:53	2060809	CJH
Acrolein	ND	50	2.8	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:53	2060809	CJH
Acrylonitrile	ND	50	1.9	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:53	2060809	CJH
Allyl Chloride (3-Chloropropylene)	ND	10	1.1	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:53	2060809	CJH
Benzene	ND	2.0	0.1	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:53	2060809	CJH
Bromobenzene	ND	10	0.2	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:53	2060809	CJH
Bromochloromethane	ND	10	0.4	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:53	2060809	CJH
Bromodichloromethane	ND	10	0.3	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:53	2060809	CJH
Bromoform	ND	10	1.0	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:53	2060809	CJH
Bromomethane	ND	10	2.0	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:53	2060809	CJH
n-Butylbenzene	ND	10	0.8	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:53	2060809	CJH
sec-Butylbenzene	ND	10	0.2	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:53	2060809	CJH
tert-Butylbenzene	ND	10	0.8	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:53	2060809	CJH
Carbon Disulfide	ND	10	1.5	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:53	2060809	CJH
Carbon Tetrachloride	ND	2.0	0.9	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:53	2060809	CJH
Chlorobenzene	ND	10	0.3	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:53	2060809	CJH
1-Chlorobutane	ND	10	0.3	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:53	2060809	CJH
Chloroethane	ND	5.0	0.7	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:53	2060809	CJH
2-Chloroethyl Vinyl Ether	ND	10	0.8	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:53	2060809	CJH
Chloroform	ND	2.0	0.4	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:53	2060809	CJH
Chloromethane	ND	10	0.1	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:53	2060809	CJH
2-Chlorotoluene	ND	10	0.2	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:53	2060809	CJH
4-Chlorotoluene	ND	10	0.3	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:53	2060809	CJH
Dibromochloromethane	ND	10	1.3	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:53	2060809	CJH
1,2-Dibromo-3-chloropropane	ND	10	1.0	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:53	2060809	CJH
1,2-Dibromoethane	ND	10	0.3	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:53	2060809	CJH
Dibromomethane	ND	10	0.4	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:53	2060809	CJH
1,2-Dichlorobenzene	ND	10	0.3	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:53	2060809	CJH
1,3-Dichlorobenzene	ND	10	0.2	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:53	2060809	CJH
1,4-Dichlorobenzene	ND	10	0.3	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:53	2060809	CJH
trans-1,4-Dichloro-2-butene	ND	5.0	0.9	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:53	2060809	CJH
Dichlorodifluoromethane	ND	10	0.6	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:53	2060809	CJH



# ANALYTICAL SERVICES, INC.

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

Safety-Kleen Corporation - Elgin  
1502 E. Villa Street  
Elgin IL, 60120

Attention: Mr. Bob Schoepke

June 29, 2012

Report No.: AVF0875

Project: Medley, FL

Client ID: MW-4D 062512

Lab Number ID: AVF0875-04

Date/Time Sampled: 6/25/2012 11:40:00AM

Date/Time Received: 6/26/2012 9:35:00AM

Matrix: Ground Water

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
<b>Volatile Organic Compounds by EPA 8260</b>											
1,1-Dichloroethane	ND	2.0	0.2	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:53	2060809	CJH
1,2-Dichloroethane	ND	2.0	0.2	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:53	2060809	CJH
1,1-Dichloroethene	ND	2.0	0.2	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:53	2060809	CJH
cis-1,2-Dichloroethene	ND	2.0	0.2	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:53	2060809	CJH
trans-1,2-Dichloroethene	ND	2.0	0.3	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:53	2060809	CJH
1,2-Dichloropropane	ND	2.0	0.2	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:53	2060809	CJH
1,3-Dichloropropane	ND	2.0	0.4	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:53	2060809	CJH
2,2-Dichloropropane	ND	10	1.2	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:53	2060809	CJH
1,1-Dichloropropene	ND	10	0.2	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:53	2060809	CJH
cis-1,3-Dichloropropene	ND	2.0	0.3	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:53	2060809	CJH
trans-1,3-Dichloropropene	ND	2.0	0.3	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:53	2060809	CJH
Ethylbenzene	ND	2.0	0.3	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:53	2060809	CJH
Ethyl Methacrylate	ND	10	0.9	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:53	2060809	CJH
Hexachlorobutadiene	ND	10	0.4	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:53	2060809	CJH
p-Isopropyltoluene	ND	10	0.8	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:53	2060809	CJH
Hexachloroethane	ND	10	2.4	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:53	2060809	CJH
Iodomethane	ND	10	1.8	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:53	2060809	CJH
Isopropylbenzene	ND	10	0.8	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:53	2060809	CJH
Methacrylonitrile	ND	10	0.5	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:53	2060809	CJH
Methyl Acrylate	ND	10	1.5	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:53	2060809	CJH
Methyl Butyl Ketone (2-Hexanone)	ND	10	1.3	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:53	2060809	CJH
Methylene Chloride	ND	5.0	0.2	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:53	2060809	CJH
Methyl Ethyl Ketone (2-Butanone)	ND	100	1.3	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:53	2060809	CJH
Methyl Methacrylate	ND	10	1.0	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:53	2060809	CJH
4-Methyl-2-pentanone (MIBK)	ND	10	1.3	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:53	2060809	CJH
Methyl-tert-Butyl Ether	ND	10	0.4	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:53	2060809	CJH
Naphthalene	ND	10	0.9	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:53	2060809	CJH
2-Nitropropane	ND	10	3.9	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:53	2060809	CJH
Propionitrile (Ethyl Cyanide)	ND	20	3.6	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:53	2060809	CJH
n-Propylbenzene	ND	10	0.9	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:53	2060809	CJH
Styrene	ND	5.0	0.7	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:53	2060809	CJH
1,1,1,2-Tetrachloroethane	ND	2.0	0.5	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:53	2060809	CJH



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Safety-Kleen Corporation - Elgin  
1502 E. Villa Street  
Elgin IL, 60120

Attention: Mr. Bob Schoepke

June 29, 2012

Report No.: AVF0875

Project: Medley, FL

Client ID: MW-4D 062512

Lab Number ID: AVF0875-04

Date/Time Sampled: 6/25/2012 11:40:00AM

Date/Time Received: 6/26/2012 9:35:00AM

Matrix: Ground Water

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
<b>Volatile Organic Compounds by EPA 8260</b>											
1,1,2,2-Tetrachloroethane	ND	2.0	0.2	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:53	2060809	CJH
Tetrachloroethane	ND	2.0	0.2	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:53	2060809	CJH
Toluene	ND	2.0	0.2	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:53	2060809	CJH
1,2,3-Trichlorobenzene	ND	10	0.6	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:53	2060809	CJH
1,2,4-Trichlorobenzene	ND	10	0.5	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:53	2060809	CJH
1,1,1-Trichloroethane	ND	2.0	0.4	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:53	2060809	CJH
1,1,2-Trichloroethane	ND	2.0	0.4	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:53	2060809	CJH
Trichloroethene	ND	2.0	0.2	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:53	2060809	CJH
Trichlorofluoromethane	ND	10	0.2	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:53	2060809	CJH
1,2,3-Trichloropropane	ND	10	0.9	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:53	2060809	CJH
1,2,4-Trimethylbenzene	ND	10	0.8	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:53	2060809	CJH
1,3,5-Trimethylbenzene	ND	10	0.9	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:53	2060809	CJH
Vinyl Acetate	ND	10	0.3	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:53	2060809	CJH
Vinyl Chloride	ND	1.0	0.2	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:53	2060809	CJH
m+p-Xylene	ND	5.0	0.4	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:53	2060809	CJH
o-Xylene	ND	5.0	0.8	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:53	2060809	CJH
Xylenes, total	ND	5.0	0.8	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 11:53	2060809	CJH
Surrogate: Dibromofluoromethane	96 %		75-123		EPA 8260B			06/27/12 10:00	06/27/12 11:53	2060809	
Surrogate: 1,2-Dichloroethane-d4	103 %		72-120		EPA 8260B			06/27/12 10:00	06/27/12 11:53	2060809	
Surrogate: Toluene-d8	91 %		75-120		EPA 8260B			06/27/12 10:00	06/27/12 11:53	2060809	
Surrogate: 4-Bromofluorobenzene	95 %		80-120		EPA 8260B			06/27/12 10:00	06/27/12 11:53	2060809	



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Safety-Kleen Corporation - Elgin  
1502 E. Villa Street  
Elgin IL, 60120

Attention: Mr. Bob Schoepke

June 29, 2012

Report No.: AVF0875

Project: Medley, FL

Client ID: MW-5D 062512

Lab Number ID: AVF0875-05

Date/Time Sampled: 6/25/2012 10:30:00AM

Date/Time Received: 6/26/2012 9:35:00AM

Matrix: Ground Water

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
<b>Volatile Organic Compounds by EPA 8260</b>											
Acetone	ND	100	6.1	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:21	2060809	CJH
Acrolein	ND	50	2.8	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:21	2060809	CJH
Acrylonitrile	ND	50	1.9	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:21	2060809	CJH
Allyl Chloride (3-Chloropropylene)	ND	10	1.1	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:21	2060809	CJH
Benzene	ND	2.0	0.1	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:21	2060809	CJH
Bromobenzene	ND	10	0.2	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:21	2060809	CJH
Bromochloromethane	ND	10	0.4	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:21	2060809	CJH
Bromodichloromethane	ND	10	0.3	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:21	2060809	CJH
Bromoform	ND	10	1.0	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:21	2060809	CJH
Bromomethane	ND	10	2.0	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:21	2060809	CJH
n-Butylbenzene	ND	10	0.8	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:21	2060809	CJH
sec-Butylbenzene	ND	10	0.2	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:21	2060809	CJH
tert-Butylbenzene	ND	10	0.8	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:21	2060809	CJH
Carbon Disulfide	ND	10	1.5	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:21	2060809	CJH
Carbon Tetrachloride	ND	2.0	0.9	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:21	2060809	CJH
Chlorobenzene	ND	10	0.3	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:21	2060809	CJH
1-Chlorobutane	ND	10	0.3	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:21	2060809	CJH
Chloroethane	ND	5.0	0.7	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:21	2060809	CJH
2-Chloroethyl Vinyl Ether	ND	10	0.8	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:21	2060809	CJH
Chloroform	ND	2.0	0.4	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:21	2060809	CJH
Chloromethane	ND	10	0.1	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:21	2060809	CJH
2-Chlorotoluene	ND	10	0.2	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:21	2060809	CJH
4-Chlorotoluene	ND	10	0.3	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:21	2060809	CJH
Dibromochloromethane	ND	10	1.3	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:21	2060809	CJH
1,2-Dibromo-3-chloropropane	ND	10	1.0	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:21	2060809	CJH
1,2-Dibromoethane	ND	10	0.3	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:21	2060809	CJH
Dibromomethane	ND	10	0.4	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:21	2060809	CJH
1,2-Dichlorobenzene	ND	10	0.3	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:21	2060809	CJH
1,3-Dichlorobenzene	ND	10	0.2	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:21	2060809	CJH
1,4-Dichlorobenzene	ND	10	0.3	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:21	2060809	CJH
trans-1,4-Dichloro-2-butene	ND	5.0	0.9	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:21	2060809	CJH
Dichlorodifluoromethane	ND	10	0.6	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:21	2060809	CJH



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Attention: Mr. Bob Schoepke

June 29, 2012

Report No.: AVF0875

Project: Medley, FL

Client ID: MW-5D 062512

Lab Number ID: AVF0875-05

Date/Time Sampled: 6/25/2012 10:30:00AM

Date/Time Received: 6/26/2012 9:35:00AM

Matrix: Ground Water

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
<b>Volatile Organic Compounds by EPA 8260</b>											
1,1-Dichloroethane	ND	2.0	0.2	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:21	2060809	CJH
1,2-Dichloroethane	ND	2.0	0.2	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:21	2060809	CJH
1,1-Dichloroethene	ND	2.0	0.2	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:21	2060809	CJH
cis-1,2-Dichloroethene	ND	2.0	0.2	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:21	2060809	CJH
trans-1,2-Dichloroethene	ND	2.0	0.3	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:21	2060809	CJH
1,2-Dichloropropane	ND	2.0	0.2	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:21	2060809	CJH
1,3-Dichloropropane	ND	2.0	0.4	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:21	2060809	CJH
2,2-Dichloropropane	ND	10	1.2	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:21	2060809	CJH
1,1-Dichloropropene	ND	10	0.2	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:21	2060809	CJH
cis-1,3-Dichloropropene	ND	2.0	0.3	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:21	2060809	CJH
trans-1,3-Dichloropropene	ND	2.0	0.3	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:21	2060809	CJH
Ethylbenzene	ND	2.0	0.3	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:21	2060809	CJH
Ethyl Methacrylate	ND	10	0.9	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:21	2060809	CJH
Hexachlorobutadiene	ND	10	0.4	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:21	2060809	CJH
p-Isopropyltoluene	ND	10	0.8	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:21	2060809	CJH
Hexachloroethane	ND	10	2.4	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:21	2060809	CJH
Iodomethane	ND	10	1.8	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:21	2060809	CJH
Isopropylbenzene	ND	10	0.8	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:21	2060809	CJH
Methacrylonitrile	ND	10	0.5	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:21	2060809	CJH
Methyl Acrylate	ND	10	1.5	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:21	2060809	CJH
Methyl Butyl Ketone (2-Hexanone)	ND	10	1.3	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:21	2060809	CJH
Methylene Chloride	ND	5.0	0.2	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:21	2060809	CJH
Methyl Ethyl Ketone (2-Butanone)	ND	100	1.3	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:21	2060809	CJH
Methyl Methacrylate	ND	10	1.0	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:21	2060809	CJH
4-Methyl-2-pentanone (MIBK)	ND	10	1.3	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:21	2060809	CJH
Methyl-tert-Butyl Ether	ND	10	0.4	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:21	2060809	CJH
Naphthalene	ND	10	0.9	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:21	2060809	CJH
2-Nitropropane	ND	10	3.9	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:21	2060809	CJH
Propionitrile (Ethyl Cyanide)	ND	20	3.6	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:21	2060809	CJH
n-Propylbenzene	ND	10	0.9	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:21	2060809	CJH
Styrene	ND	5.0	0.7	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:21	2060809	CJH
1,1,1,2-Tetrachloroethane	ND	2.0	0.5	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:21	2060809	CJH



# ANALYTICAL SERVICES, INC.

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

Safety-Kleen Corporation - Elgin  
1502 E. Villa Street  
Elgin IL, 60120

Attention: Mr. Bob Schoepke

June 29, 2012

Report No.: AVF0875

Project: Medley, FL

Client ID: MW-5D 062512

Lab Number ID: AVF0875-05

Date/Time Sampled: 6/25/2012 10:30:00AM

Date/Time Received: 6/26/2012 9:35:00AM

Matrix: Ground Water

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
<b>Volatile Organic Compounds by EPA 8260</b>											
1,1,2,2-Tetrachloroethane	ND	2.0	0.2	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:21	2060809	CJH
Tetrachloroethene	ND	2.0	0.2	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:21	2060809	CJH
Toluene	ND	2.0	0.2	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:21	2060809	CJH
1,2,3-Trichlorobenzene	ND	10	0.6	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:21	2060809	CJH
1,2,4-Trichlorobenzene	ND	10	0.5	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:21	2060809	CJH
1,1,1-Trichloroethane	ND	2.0	0.4	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:21	2060809	CJH
1,1,2-Trichloroethane	ND	2.0	0.4	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:21	2060809	CJH
Trichloroethene	ND	2.0	0.2	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:21	2060809	CJH
Trichlorofluoromethane	ND	10	0.2	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:21	2060809	CJH
1,2,3-Trichloropropane	ND	10	0.9	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:21	2060809	CJH
1,2,4-Trimethylbenzene	ND	10	0.8	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:21	2060809	CJH
1,3,5-Trimethylbenzene	ND	10	0.9	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:21	2060809	CJH
Vinyl Acetate	ND	10	0.3	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:21	2060809	CJH
Vinyl Chloride	ND	1.0	0.2	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:21	2060809	CJH
m+p-Xylene	ND	5.0	0.4	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:21	2060809	CJH
o-Xylene	ND	5.0	0.8	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:21	2060809	CJH
Xylenes, total	ND	5.0	0.8	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:21	2060809	CJH
Surrogate: Dibromofluoromethane	96 %		75-123		EPA 8260B			06/27/12 10:00	06/27/12 12:21	2060809	
Surrogate: 1,2-Dichloroethane-d4	104 %		72-120		EPA 8260B			06/27/12 10:00	06/27/12 12:21	2060809	
Surrogate: Toluene-d8	92 %		75-120		EPA 8260B			06/27/12 10:00	06/27/12 12:21	2060809	
Surrogate: 4-Bromofluorobenzene	95 %		80-120		EPA 8260B			06/27/12 10:00	06/27/12 12:21	2060809	



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Safety-Kleen Corporation - Elgin  
1502 E. Villa Street  
Elgin IL, 60120

Attention: Mr. Bob Schoepke

June 29, 2012

Report No.: AVF0875

Project: Medley, FL

Client ID: Trip Blank

Lab Number ID: AVF0875-06

Date/Time Sampled: 6/25/2012 12:00:00AM

Date/Time Received: 6/26/2012 9:35:00AM

Matrix: Water

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
<b>Volatile Organic Compounds by EPA 8260</b>											
Acetone	ND	100	6.1	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:49	2060809	CJH
Acrolein	ND	50	2.8	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:49	2060809	CJH
Acrylonitrile	ND	50	1.9	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:49	2060809	CJH
Allyl Chloride (3-Chloropropylene)	ND	10	1.1	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:49	2060809	CJH
Benzene	ND	2.0	0.1	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:49	2060809	CJH
Bromobenzene	ND	10	0.2	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:49	2060809	CJH
Bromochloromethane	ND	10	0.4	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:49	2060809	CJH
Bromodichloromethane	ND	10	0.3	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:49	2060809	CJH
Bromoform	ND	10	1.0	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:49	2060809	CJH
Bromomethane	ND	10	2.0	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:49	2060809	CJH
n-Butylbenzene	ND	10	0.8	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:49	2060809	CJH
sec-Butylbenzene	ND	10	0.2	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:49	2060809	CJH
tert-Butylbenzene	ND	10	0.8	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:49	2060809	CJH
Carbon Disulfide	ND	10	1.5	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:49	2060809	CJH
Carbon Tetrachloride	ND	2.0	0.9	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:49	2060809	CJH
Chlorobenzene	ND	10	0.3	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:49	2060809	CJH
1-Chlorobutane	ND	10	0.3	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:49	2060809	CJH
Chloroethane	ND	5.0	0.7	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:49	2060809	CJH
2-Chloroethyl Vinyl Ether	ND	10	0.8	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:49	2060809	CJH
Chloroform	ND	2.0	0.4	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:49	2060809	CJH
Chloromethane	ND	10	0.1	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:49	2060809	CJH
2-Chlorotoluene	ND	10	0.2	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:49	2060809	CJH
4-Chlorotoluene	ND	10	0.3	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:49	2060809	CJH
Dibromochloromethane	ND	10	1.3	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:49	2060809	CJH
1,2-Dibromo-3-chloropropane	ND	10	1.0	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:49	2060809	CJH
1,2-Dibromoethane	ND	10	0.3	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:49	2060809	CJH
Dibromomethane	ND	10	0.4	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:49	2060809	CJH
1,2-Dichlorobenzene	ND	10	0.3	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:49	2060809	CJH
1,3-Dichlorobenzene	ND	10	0.2	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:49	2060809	CJH
1,4-Dichlorobenzene	ND	10	0.3	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:49	2060809	CJH
trans-1,4-Dichloro-2-butene	ND	5.0	0.9	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:49	2060809	CJH
Dichlorodifluoromethane	ND	10	0.6	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:49	2060809	CJH



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Safety-Kleen Corporation - Elgin  
1502 E. Villa Street  
Elgin IL, 60120

Attention: Mr. Bob Schoepke

June 29, 2012

Report No.: AVF0875

Project: Medley, FL

Client ID: Trip Blank

Lab Number ID: AVF0875-06

Date/Time Sampled: 6/25/2012 12:00:00AM

Date/Time Received: 6/26/2012 9:35:00AM

Matrix: Water

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
<b>Volatile Organic Compounds by EPA 8260</b>											
1,1-Dichloroethane	ND	2.0	0.2	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:49	2060809	CJH
1,2-Dichloroethane	ND	2.0	0.2	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:49	2060809	CJH
1,1-Dichloroethene	ND	2.0	0.2	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:49	2060809	CJH
cis-1,2-Dichloroethene	ND	2.0	0.2	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:49	2060809	CJH
trans-1,2-Dichloroethene	ND	2.0	0.3	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:49	2060809	CJH
1,2-Dichloropropane	ND	2.0	0.2	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:49	2060809	CJH
1,3-Dichloropropane	ND	2.0	0.4	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:49	2060809	CJH
2,2-Dichloropropane	ND	10	1.2	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:49	2060809	CJH
1,1-Dichloropropene	ND	10	0.2	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:49	2060809	CJH
cis-1,3-Dichloropropene	ND	2.0	0.3	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:49	2060809	CJH
trans-1,3-Dichloropropene	ND	2.0	0.3	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:49	2060809	CJH
Ethylbenzene	ND	2.0	0.3	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:49	2060809	CJH
Ethyl Methacrylate	ND	10	0.9	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:49	2060809	CJH
Hexachlorobutadiene	ND	10	0.4	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:49	2060809	CJH
p-Isopropyltoluene	ND	10	0.8	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:49	2060809	CJH
Hexachloroethane	ND	10	2.4	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:49	2060809	CJH
Iodomethane	ND	10	1.8	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:49	2060809	CJH
Isopropylbenzene	ND	10	0.8	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:49	2060809	CJH
Methacrylonitrile	ND	10	0.5	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:49	2060809	CJH
Methyl Acrylate	ND	10	1.5	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:49	2060809	CJH
Methyl Butyl Ketone (2-Hexanone)	ND	10	1.3	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:49	2060809	CJH
Methylene Chloride	ND	5.0	0.2	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:49	2060809	CJH
Methyl Ethyl Ketone (2-Butanone)	ND	100	1.3	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:49	2060809	CJH
Methyl Methacrylate	ND	10	1.0	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:49	2060809	CJH
4-Methyl-2-pentanone (MIBK)	ND	10	1.3	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:49	2060809	CJH
Methyl-tert-Butyl Ether	ND	10	0.4	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:49	2060809	CJH
Naphthalene	ND	10	0.9	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:49	2060809	CJH
2-Nitropropane	ND	10	3.9	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:49	2060809	CJH
Propionitrile (Ethyl Cyanide)	ND	20	3.6	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:49	2060809	CJH
n-Propylbenzene	ND	10	0.9	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:49	2060809	CJH
Styrene	ND	5.0	0.7	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:49	2060809	CJH
1,1,1,2-Tetrachloroethane	ND	2.0	0.5	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:49	2060809	CJH



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Safety-Kleen Corporation - Elgin  
1502 E. Villa Street  
Elgin IL, 60120

Attention: Mr. Bob Schoepke

June 29, 2012

Report No.: AVF0875

Project: Medley, FL

Client ID: Trip Blank

Lab Number ID: AVF0875-06

Date/Time Sampled: 6/25/2012 12:00:00AM

Date/Time Received: 6/26/2012 9:35:00AM

Matrix: Water

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
<b>Volatile Organic Compounds by EPA 8260</b>											
1,1,2,2-Tetrachloroethane	ND	2.0	0.2	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:49	2060809	CJH
Tetrachloroethane	ND	2.0	0.2	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:49	2060809	CJH
Toluene	ND	2.0	0.2	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:49	2060809	CJH
1,2,3-Trichlorobenzene	ND	10	0.6	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:49	2060809	CJH
1,2,4-Trichlorobenzene	ND	10	0.5	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:49	2060809	CJH
1,1,1-Trichloroethane	ND	2.0	0.4	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:49	2060809	CJH
1,1,2-Trichloroethane	ND	2.0	0.4	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:49	2060809	CJH
Trichloroethene	ND	2.0	0.2	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:49	2060809	CJH
Trichlorofluoromethane	ND	10	0.2	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:49	2060809	CJH
1,2,3-Trichloropropane	ND	10	0.9	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:49	2060809	CJH
1,2,4-Trimethylbenzene	ND	10	0.8	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:49	2060809	CJH
1,3,5-Trimethylbenzene	ND	10	0.9	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:49	2060809	CJH
Vinyl Acetate	ND	10	0.3	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:49	2060809	CJH
Vinyl Chloride	ND	1.0	0.2	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:49	2060809	CJH
m+p-Xylene	ND	5.0	0.4	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:49	2060809	CJH
o-Xylene	ND	5.0	0.8	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:49	2060809	CJH
Xylenes, total	ND	5.0	0.8	ug/L	EPA 8260B		1	06/27/12 10:00	06/27/12 12:49	2060809	CJH
Surrogate: Dibromofluoromethane	95 %		75-123		EPA 8260B			06/27/12 10:00	06/27/12 12:49	2060809	
Surrogate: 1,2-Dichloroethane-d4	103 %		72-120		EPA 8260B			06/27/12 10:00	06/27/12 12:49	2060809	
Surrogate: Toluene-d8	94 %		75-120		EPA 8260B			06/27/12 10:00	06/27/12 12:49	2060809	
Surrogate: 4-Bromofluorobenzene	95 %		80-120		EPA 8260B			06/27/12 10:00	06/27/12 12:49	2060809	



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Safety-Kleen Corporation - Elgin  
1502 E. Villa Street  
Elgin IL, 60120

Attention: Mr. Bob Schoepke

June 29, 2012

**Report No.: AVF0875**

## Volatile Organic Compounds by EPA 8260 - Quality Control

Analyte	Result	RL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch 2060809 - EPA 5030B</b>											
<b>Blank (2060809-BLK1)</b>						Prepared & Analyzed: 06/27/12					
Acetone	ND	100	6.1	ug/L							
Acrolein	ND	50	2.8	ug/L							
Acrylonitrile	ND	50	1.9	ug/L							
Allyl Chloride (3-Chloropropylene)	ND	10	1.1	ug/L							
Benzene	ND	2.0	0.1	ug/L							
Bromobenzene	ND	10	0.2	ug/L							
Bromochloromethane	ND	10	0.4	ug/L							
Bromodichloromethane	ND	10	0.3	ug/L							
Bromoform	ND	10	1.0	ug/L							
Bromomethane	ND	10	2.0	ug/L							
n-Butylbenzene	ND	10	0.8	ug/L							
sec-Butylbenzene	ND	10	0.2	ug/L							
tert-Butylbenzene	ND	10	0.8	ug/L							
Carbon Disulfide	ND	10	1.5	ug/L							
Carbon Tetrachloride	ND	2.0	0.9	ug/L							
Chlorobenzene	ND	10	0.3	ug/L							
1-Chlorobutane	ND	10	0.3	ug/L							
Chloroethane	ND	5.0	0.7	ug/L							
2-Chloroethyl Vinyl Ether	ND	10	0.8	ug/L							
Chloroform	ND	2.0	0.4	ug/L							
Chloromethane	ND	10	0.1	ug/L							
2-Chlorotoluene	ND	10	0.2	ug/L							
4-Chlorotoluene	ND	10	0.3	ug/L							
Dibromochloromethane	ND	10	1.3	ug/L							
1,2-Dibromo-3-chloropropane	ND	10	1.0	ug/L							
1,2-Dibromoethane	ND	10	0.3	ug/L							
Dibromomethane	ND	10	0.4	ug/L							
1,2-Dichlorobenzene	ND	10	0.3	ug/L							
1,3-Dichlorobenzene	ND	10	0.2	ug/L							
1,4-Dichlorobenzene	ND	10	0.3	ug/L							
trans-1,4-Dichloro-2-butene	ND	5.0	0.9	ug/L							
Dichlorodifluoromethane	ND	10	0.6	ug/L							
1,1-Dichloroethane	ND	2.0	0.2	ug/L							
1,2-Dichloroethane	ND	2.0	0.2	ug/L							
1,1-Dichloroethene	ND	2.0	0.2	ug/L							
cis-1,2-Dichloroethene	ND	2.0	0.2	ug/L							
trans-1,2-Dichloroethene	ND	2.0	0.3	ug/L							
1,2-Dichloropropane	ND	2.0	0.2	ug/L							
1,3-Dichloropropane	ND	2.0	0.4	ug/L							



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Safety-Kleen Corporation - Elgin  
1502 E. Villa Street  
Elgin IL, 60120

Attention: Mr. Bob Schoepke

June 29, 2012

**Report No.: AVF0875**

## Volatile Organic Compounds by EPA 8260 - Quality Control

Analyte	Result	RL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch 2060809 - EPA 5030B</b>											
<b>Blank (2060809-BLK1)</b>						Prepared & Analyzed: 06/27/12					
2,2-Dichloropropane	ND	10	1.2	ug/L							
1,1-Dichloropropene	ND	10	0.2	ug/L							
cis-1,3-Dichloropropene	ND	2.0	0.3	ug/L							
trans-1,3-Dichloropropene	ND	2.0	0.3	ug/L							
Ethylbenzene	ND	2.0	0.3	ug/L							
Ethyl Methacrylate	ND	10	0.9	ug/L							
Hexachlorobutadiene	ND	10	0.4	ug/L							
p-Isopropyltoluene	ND	10	0.8	ug/L							
Hexachloroethane	ND	10	2.4	ug/L							
Iodomethane	ND	10	1.8	ug/L							
Isopropylbenzene	ND	10	0.8	ug/L							
Methacrylonitrile	ND	10	0.5	ug/L							
Methyl Acrylate	ND	10	1.5	ug/L							
Methyl Butyl Ketone (2-Hexanone)	ND	10	1.3	ug/L							
Methylene Chloride	ND	5.0	0.2	ug/L							
Methyl Ethyl Ketone (2-Butanone)	ND	100	1.3	ug/L							
Methyl Methacrylate	ND	10	1.0	ug/L							
4-Methyl-2-pentanone (MIBK)	ND	10	1.3	ug/L							
Methyl-tert-Butyl Ether	ND	10	0.4	ug/L							
Naphthalene	ND	10	0.9	ug/L							
2-Nitropropane	ND	10	3.9	ug/L							
Propionitrile (Ethyl Cyanide)	ND	20	3.6	ug/L							
n-Propylbenzene	ND	10	0.9	ug/L							
Styrene	ND	5.0	0.7	ug/L							
1,1,1,2-Tetrachloroethane	ND	2.0	0.5	ug/L							
1,1,2,2-Tetrachloroethane	ND	2.0	0.2	ug/L							
Tetrachloroethene	ND	2.0	0.2	ug/L							
Toluene	ND	2.0	0.2	ug/L							
1,2,3-Trichlorobenzene	ND	10	0.6	ug/L							
1,2,4-Trichlorobenzene	ND	10	0.5	ug/L							
1,1,1-Trichloroethane	ND	2.0	0.4	ug/L							
1,1,2-Trichloroethane	ND	2.0	0.4	ug/L							
Trichloroethene	ND	2.0	0.2	ug/L							
Trichlorofluoromethane	ND	10	0.2	ug/L							
1,2,3-Trichloropropane	ND	10	0.9	ug/L							
1,2,4-Trimethylbenzene	ND	10	0.8	ug/L							
1,3,5-Trimethylbenzene	ND	10	0.9	ug/L							
Vinyl Acetate	ND	10	0.3	ug/L							
Vinyl Chloride	ND	1.0	0.2	ug/L							



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**Report No.: AVF0875**

## Volatile Organic Compounds by EPA 8260 - Quality Control

Analyte	Result	RL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch 2060809 - EPA 5030B</b>											
<b>Blank (2060809-BLK1)</b>						Prepared & Analyzed: 06/27/12					
m+p-Xylene	ND	5.0	0.4	ug/L							
o-Xylene	ND	5.0	0.8	ug/L							
Xylenes, total	ND	5.0	0.8	ug/L							
<i>Surrogate: Dibromofluoromethane</i>	48			ug/L	50.000		96	75-123			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	51			ug/L	50.000		102	72-120			
<i>Surrogate: Toluene-d8</i>	47			ug/L	50.000		94	75-120			
<i>Surrogate: 4-Bromofluorobenzene</i>	49			ug/L	50.000		98	80-120			
<b>LCS (2060809-BS1)</b>						Prepared & Analyzed: 06/27/12					
Benzene	47			ug/L	50.000		93	80-120			
Chlorobenzene	46			ug/L	50.000		93	80-120			
1,1-Dichloroethene	50			ug/L	50.000		100	77-121			
Toluene	47			ug/L	50.000		94	78-120			
Trichloroethene	49			ug/L	50.000		98	80-122			
<i>Surrogate: Dibromofluoromethane</i>	49			ug/L	50.000		97	75-123			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	51			ug/L	50.000		102	72-120			
<i>Surrogate: Toluene-d8</i>	47			ug/L	50.000		93	75-120			
<i>Surrogate: 4-Bromofluorobenzene</i>	47			ug/L	50.000		94	80-120			
<b>Matrix Spike (2060809-MS1)</b>						Source: AVF0875-01 Prepared & Analyzed: 06/27/12					
Benzene	46			ug/L	50.000	ND	93	80-123			
Chlorobenzene	46			ug/L	50.000	ND	92	75-120			
1,1-Dichloroethene	52			ug/L	50.000	ND	103	80-120			
Toluene	47			ug/L	50.000	ND	94	80-120			
Trichloroethene	50			ug/L	50.000	0.2	100	80-125			
<i>Surrogate: Dibromofluoromethane</i>	47			ug/L	50.000		94	75-123			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	52			ug/L	50.000		103	72-120			
<i>Surrogate: Toluene-d8</i>	46			ug/L	50.000		93	75-120			
<i>Surrogate: 4-Bromofluorobenzene</i>	48			ug/L	50.000		95	80-120			



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Attention: Mr. Bob Schoepke

June 29, 2012

**Report No.: AVF0875**

## Volatile Organic Compounds by EPA 8260 - Quality Control

Analyte	Result	RL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch 2060809 - EPA 5030B</b>											
<b>Matrix Spike Dup (2060809-MSD1)</b>			<b>Source: AVF0875-01</b>			<b>Prepared &amp; Analyzed: 06/27/12</b>					
Benzene	46			ug/L	50.000	ND	91	80-123	1	9	
Chlorobenzene	45			ug/L	50.000	ND	91	75-120	1	13	
1,1-Dichloroethene	50			ug/L	50.000	ND	99	80-120	4	9	
Toluene	47			ug/L	50.000	ND	94	80-120	0.7	9	
Trichloroethene	49			ug/L	50.000	0.2	98	80-125	2	11	
<i>Surrogate: Dibromofluoromethane</i>	47			ug/L	50.000		93	75-123			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	52			ug/L	50.000		105	72-120			
<i>Surrogate: Toluene-d8</i>	46			ug/L	50.000		92	75-120			
<i>Surrogate: 4-Bromofluorobenzene</i>	48			ug/L	50.000		95	80-120			



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Attention: Mr. Bob Schoepke

June 29, 2012

## Laboratory Certifications

Code	Description	Number	Expires
LA	Louisiana	02069	06/30/2012
NC	North Carolina	381	12/31/2012
NELAC	NELAC (Non-Potable Water, Solids)	E87315	06/30/2012
SC	South Carolina	98011001	06/30/2012
TX	Texas	T104704397-08-TX	03/31/2012
VA	Virginia	1340	12/14/2012



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Attention: Mr. Bob Schoepke

June 29, 2012

### Legend

#### Definition of Laboratory Terms

- ND** - Not Detected at levels equal to or greater than the MDL  
**BRL** - Not Detected at levels equal to or greater than the RL  
**RL** - Reporting Limit                    **MDL** - Method Detection Limit  
**SOP** - Method run per ASI Standard Operating Procedure  
**CFU** - Colony Forming Units  
**DF** - Dilution Factor                    **TIC** - Tentatively Identified Compound  
\* - 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 N-Nitrosodiphenylamine.

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

- J** Estimated value less than Reporting Limit (RL) but greater than Method Detection Limit(MDL) (CLP J-Flag).

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



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Attention: Mr. Bob Schoepke

June 29, 2012

## Report Notes

The COC listed one sample as a Field Blank but it was labeled Trip Blank. The label was used for login purposes. CFH

212557

CHAIN OF CUSTODY RECORD

CLIENT NAME: **ECI INC**  
CLIENT ADDRESS/PHONE NUMBER/FAX NUMBER:  
1408 N. WESTSHORE BLD., SUITE #115  
TAMPA, FL 33607

REPORT TO: **RICK STEBNSKY**  
PROJECT NAME/STATE: **SAFETY-KLEEN, MEDLEY FL**  
PROJECT #: **10-06661222**

REQUESTED COMPLETION DATE: **POF**  
**R STEBNSKY@ECIINC.COM**

ANALYTICAL SERVICES, INC.  
ENVIRONMENTAL MONITORING & LABORATORY ANALYSIS  
110 TECHNOLOGY PARKWAY NORCROSS, GA 30092  
(770) 734-4200 : FAX (770) 734-4201 : www.asi-lab.com

PAGE: 1 OF 1

DATE	TIME	MATRIX CODE	SAMPLE IDENTIFICATION	CONTAINER #	ANALYSIS REQUESTED	CONTAINER TYPE	PRESERVATION	MATRIX CODES	REMARKS/ADDITIONAL INFORMATION	FOR LAB USE ONLY	
										JOB #	In-house location:
6/25/12	12:10	GW	MW-1068512	3	3	P- PLASTIC	1-HCl, 4°	DW - DRINKING WATER			41F0875
6/25/12	10:15	GW	MW-5068512	3	3	A - AMBER GLASS	2-H2SO4, 4°	MW - WASTEWATER	PH M event #14		
6/25/12	11:10	GW	MW-4068512	3	3	G - CLEAR GLASS	3-HNO3, 4°	GW - GROUNDWATER			
6/25/12	11:40	GW	MW-4068512	3	3	V - VOA VIAL	4-NaOH, 4°	SW - SURFACE WATER			
6/25/12	10:30	GW	MW-5D068512	3	3	S - STERILE	5-NiOZnAc, 4°	ST - STORM WATER			
			FIELD BLK	3	3	O - OTHER	6-Na2S2O3, 4°	W - WATER			

RELINQUISHED BY: DATE/TIME: 6/25/12 1200  
RECEIVED BY: DATE/TIME: 6/25/12 0935

SAMPLE SHIPPED VIA: COURIER CLIENT OTHER:  Courier  Broken  Missing

Temperature: 12

Entered into LIS:  CFH

Please use Black Ink to complete form.



**ATTACHMENT 3**

**PARM #4—SOIL  
LABORATORY ANALYTICAL REPORT**





**Environmental Consulting & Technology, Inc.**

**June 27, 2012**

**JAR SAMPLE**

**Clean Quartz Sand, white to cream colored, well sorted, fine grained, loose poorly cemented, poorly consolidated, with little or no fines, or ancillary inclusions (SP).**

**Michael Duvall, P.G.**

**(Note absent fine white residue which would suggest marl or calcium content)**

June 29, 2012

Marc Lefebvre  
ECT Fort Lauderdale  
550 W Cypress creek Rd  
Suite 170  
Fort Lauderdale, FL 33309

RE: Project: Safety Kleen Medley  
Pace Project No.: 3560744

Dear Marc Lefebvre:

Enclosed are the analytical results for sample(s) received by the laboratory on June 27, 2012. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Christina Raschke

christina.raschke@pacelabs.com  
Project Manager

Enclosures



## REPORT OF LABORATORY ANALYSIS

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## CERTIFICATIONS

Project: Safety Kleen Medley

Pace Project No.: 3560744

---

### Ormond Beach Certification IDs

8 East Tower Circle, Ormond Beach, FL 32174  
Alabama Certification #: 41320  
Arizona Certification #: AZ0735  
Colorado Certification: FL NELAC Reciprocity  
Connecticut Certification #: PH 0216  
Florida Certification #: E83079  
Georgia Certification #: 955  
Guam Certification: FL NELAC Reciprocity  
Hawaii Certification: FL NELAC Reciprocity  
Illinois Certification #: 200068  
Indiana Certification: FL NELAC Reciprocity  
Kansas Certification #: E-10383  
Kentucky Certification #: 90050  
Louisiana Certification #: FL NELAC Reciprocity  
Louisiana Environmental Certificate #: 05007  
Maine Certification #: FL01264  
Massachusetts Certification #: M-FL1264  
Michigan Certification #: 9911  
Mississippi Certification: FL NELAC Reciprocity

Missouri Certification #: 236  
Montana Certification #: Cert 0074  
Nevada Certification: FL NELAC Reciprocity  
New Hampshire Certification #: 2958  
New Jersey Certification #: FL765  
New York Certification #: 11608  
North Carolina Environmental Certificate #: 667  
North Carolina Certification #: 12710  
Pennsylvania Certification #: 68-00547  
Puerto Rico Certification #: FL01264  
Tennessee Certification #: TN02974  
Texas Certification: FL NELAC Reciprocity  
U.S. Virgin Islands Certification: FL NELAC Reciprocity  
Virginia Certification #: 00432  
Virginia Environmental Certificate #: 460165  
Washington Certification #: C955  
Wyoming Certification: FL NELAC Reciprocity  
Wyoming (EPA Region 8): FL NELAC Reciprocity

---

## REPORT OF LABORATORY ANALYSIS

Page 2 of 11

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## SAMPLE SUMMARY

Project: Safety Kleen Medley

Pace Project No.: 3560744

---

Lab ID	Sample ID	Matrix	Date Collected	Date Received
3560744001	COMP 1 M.S.	Solid	06/27/12 10:30	06/27/12 13:10
3560744002	COMP 2 M.S.	Solid	06/27/12 10:35	06/27/12 13:10

## REPORT OF LABORATORY ANALYSIS

### SAMPLE ANALYTE COUNT

Project: Safety Kleen Medley

Pace Project No.: 3560744

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
3560744001	COMP 1 M.S.	EPA 6010	IST	1	PASI-O
		ASTM D2974-87	WMW	1	PASI-O
3560744002	COMP 2 M.S.	EPA 6010	IST	1	PASI-O
		ASTM D2974-87	WMW	1	PASI-O

### REPORT OF LABORATORY ANALYSIS

**HITS ONLY**

Project: Safety Kleen Medley  
Pace Project No.: 3560744

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
<b>3560744001</b>	<b>COMP 1 M.S.</b>					
ASTM D2974-87	Percent Moisture	2.3 %		0.10	06/28/12 14:09	
<b>3560744002</b>	<b>COMP 2 M.S.</b>					
EPA 6010	Arsenic	0.51 l	mg/kg	0.51	06/28/12 13:10	
ASTM D2974-87	Percent Moisture	2.7 %		0.10	06/28/12 14:10	

**REPORT OF LABORATORY ANALYSIS**

### ANALYTICAL RESULTS

Project: Safety Kleen Medley

Pace Project No.: 3560744

---

**Sample: COMP 1 M.S.**      **Lab ID: 3560744001**      Collected: 06/27/12 10:30      Received: 06/27/12 13:10      Matrix: Solid

*Results reported on a "dry-weight" basis*

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b>	Analytical Method: EPA 6010 Preparation Method: EPA 3050								
Arsenic	<b>0.26U</b>	mg/kg	0.52	0.26	1	06/28/12 03:30	06/28/12 13:06	7440-38-2	
<b>Percent Moisture</b>	Analytical Method: ASTM D2974-87								
Percent Moisture	<b>2.3</b>	%	0.10	0.10	1		06/28/12 14:09		

## ANALYTICAL RESULTS

Project: Safety Kleen Medley  
Pace Project No.: 3560744

---

**Sample: COMP 2 M.S.**      **Lab ID: 3560744002**      Collected: 06/27/12 10:35      Received: 06/27/12 13:10      Matrix: Solid

*Results reported on a "dry-weight" basis*

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b>	Analytical Method: EPA 6010 Preparation Method: EPA 3050								
Arsenic	<b>0.51</b>	mg/kg	0.51	0.25	1	06/28/12 03:30	06/28/12 13:10	7440-38-2	
<b>Percent Moisture</b>	Analytical Method: ASTM D2974-87								
Percent Moisture	<b>2.7</b>	%	0.10	0.10	1		06/28/12 14:10		

### QUALITY CONTROL DATA

Project: Safety Kleen Medley  
Pace Project No.: 3560744

QC Batch: MPRP/9186 Analysis Method: EPA 6010  
QC Batch Method: EPA 3050 Analysis Description: 6010 MET  
Associated Lab Samples: 3560744001, 3560744002

METHOD BLANK: 416912 Matrix: Solid

Associated Lab Samples: 3560744001, 3560744002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/kg	0.25U	0.51	06/28/12 12:05	

LABORATORY CONTROL SAMPLE: 416913

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/kg	12.5	12.7	101	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 416914 416915

Parameter	Units	3559831004		MSD		MS		MSD		% Rec Limits	RPD	Max RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	% Rec	% Rec					
Arsenic	mg/kg	0.82	14.7	14.9	15.0	15.1	96	96	75-125	.9	20		

### QUALITY CONTROL DATA

Project: Safety Kleen Medley  
Pace Project No.: 3560744

QC Batch: PMST/1243      Analysis Method: ASTM D2974-87  
QC Batch Method: ASTM D2974-87      Analysis Description: Dry Weight/Percent Moisture  
Associated Lab Samples: 3560744001, 3560744002

SAMPLE DUPLICATE: 416908

Parameter	Units	3559831004 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	14.1	11.9	17	10	J(D6)

SAMPLE DUPLICATE: 416909

Parameter	Units	3560744001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	2.3	3.4	36	10	J(D6)

SAMPLE DUPLICATE: 416910

Parameter	Units	3560741008 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	8.5	6.7	24	10	J(D6)

SAMPLE DUPLICATE: 416911

Parameter	Units	3560741018 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	11.3	13.9	20	10	J(D6)

## QUALIFIERS

Project: Safety Kleen Medley

Pace Project No.: 3560744

---

### DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PRL - Pace Reporting Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

### LABORATORIES

PASI-O Pace Analytical Services - Ormond Beach

### ANALYTE QUALIFIERS

I The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

J(D6) Estimated Value. The relative percent difference (RPD) between the sample and sample duplicate exceeded laboratory control limits.

### QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Safety Kleen Medley

Pace Project No.: 3560744

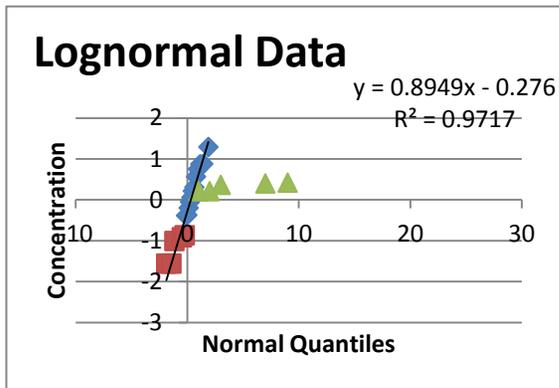
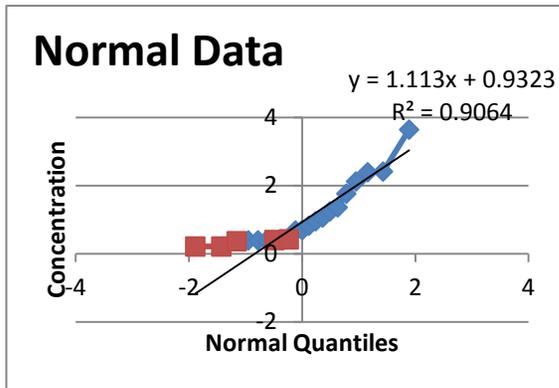
Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
3560744001	COMP 1 M.S.	EPA 3050	MPRP/9186	EPA 6010	ICP/6066
3560744002	COMP 2 M.S.	EPA 3050	MPRP/9186	EPA 6010	ICP/6066
3560744001	COMP 1 M.S.	ASTM D2974-87	PMST/1243		
3560744002	COMP 2 M.S.	ASTM D2974-87	PMST/1243		

**ATTACHMENT 4**  
**FDEP UCL CALCULATION**

## Post-Excavation of SB-2, SB-21, and SB-22

### FDEP UCL Calculator Version 1.1

Goodness-of-fit test results



#### Shapiro-Francia Results (Adjust for Censoring)

SF for Normal Distribution	0
SF for LogNormal Distribution	0
Shapiro-Francia critical value for $p < 0.05$	0.942113

Test stat > critical value indicates a reasonable fit

#### Shapiro-Wilk's Test Results for All Data (BDL replaced with 1/2 DL)

SW test statistic for Normal Distribution	0.825
SW test statistic for LogNormal Distribution	0.945
Shapiro-Wilk's critical value for $p < 0.05$	0.908

Test stat > critical value indicates a reasonable fit

**Based on the results of the Shapiro-Francia test  
Distribution is best described as: Neither**

Neither

**Post-Excavation of SB-2, SB-21, and SB-22**

**FDEP UCL Calculator Version 1.1**

**7/2/12**

**Summary Statistics for**

Number of Samples	21
Number of Censored Data	5
Minimum	0.21
Maximum	3.64
Mean	1.062619
Median	0.69
Standard Deviation	0.918264
Variance	0.843209
Coefficient of Variation	0.864152
Skewness	1.429038

**95% UCL (Assuming Normal Data)**

Student's-t	1.408221
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**95% UCL (Adjusted for Skewness)**

Adjusted-CLT	1.459026
Modified-t	1.418635

**95% Non-parametric UCL**

CLT	1.392247
Jackknife	NA
Standard Bootstrap	1.406913
Bootstrap-t	1.587944
Chebyshev (Mean, Std)	1.936083

**Summary Statistics for ln()**

Minimum	-1.56065
Maximum	1.291984
Mean	-0.27006
Standard Deviation	0.834236
Variance	0.69595

**Goodness-of-Fit Results**

Distribution Recommended	Neither
Distribution Used	Neither

**Estimates Assuming Lognormal Distribution**

MLE Mean	1.081032
MLE Standard Deviation	1.084062
MLE Median	0.763334
MLE Coefficient of Variation	1.002803

MVUE Estimate of Mean	1.051458
MVUE Estimate of Std. Dev.	0.96073
MVUE Estimate of SE	0.235912
MVUE Coefficient of Variation	0.913712

**UCL Assuming Lognormal Distribution**

95% H-UCL	1.694624
95% Chebyshev (MVUE) UCL	2.079773
99% Chebyshev (MVUE) UCL	3.398755

<b>FDEP Recommended UCL to Use:</b>
1.936083

### Post-Excavation of SB-2, SB-21, and SB-22

Sample #	Date	Arsenic (mg/kg) [re-reported to MDL]	Qualifer
SB-1	09/10/09	0.95	
SB-2	09/10/09	0.39	J
SB-3	11/19/09	1.76	J
SB-4	11/19/09	2.39	
SB-5	11/19/09	0.82	J
SB-6	11/19/09	0.68	J
SB-7	02/04/10	1.06	
SB-10	05/04/10	0.42	U
SB-11	05/04/10	0.42	U
SB-12	05/04/10	0.42	J
SB-13	05/04/10	1.24	J
SB-14	05/04/10	2.12	
SB-15	05/04/10	3.64	
MW-5	02/15/10	0.69	J
SB-16	01/18/12	0.80	U
SB-17	01/18/12	0.73	U
SB-18	01/18/12	2.41	
SB-19	01/18/12	1.36	
SB-20	01/18/12	0.84	U
SB-21	01/18/12	0.39	J
SB-22	01/18/12	0.39	J

**ATTACHMENT 5**  
**FIELD NOTES AND PHOTOGRAPHS**



**Figure 1: View of excavation area**



**Figure 2: Alternate view of excavation area**



**Figure 3: Using hand tools begin to dig**



**Figure 4: Encounter gravel as digging continues**



**Figure 5: Continue excavation of arsenic impacted soil**



**Figure 6: Gravel with densely compacted soil encountered**



**Figure 7: Digging at estimated 1.5 ft bls**



**Figure 8: Digging at estimated 2 ft bls**



**Figure 9: A total of 7 drums filled with arsenic impacted soil**



**Figure 10: Excavation depth approximately 2.8 ft bls (just above water table)**



**Figure 11: Backfilling with masonry sand (previously tested for arsenic)**



**Figure 12: Continue backfilling the excavated area**



**Figure 13 Clean sand backfilled to grade**



**Figure 14 Another view of the backfill**

BILL OF LADING/MANIFEST

1. Shipper's US EPA ID No. (If Applicable)

Document No.

2. Page 1 of 1

16423

3. Shipper's Name and Mailing Address

FLD984171654  
SAFETY-KLEEN CORP  
8755 Nw 95th St  
Medley FL 33178-1462

4. Shipper's Phone (

305-884-0123

5. Transporter 1 Company Name

6. US EPA ID Number

A. Transporter's Phone

SAFETY-KLEEN SYSTEMS, INC.

TXR000050930  
8. US EPA ID Number

972-265-2000  
B. Transporter's Phone

9. Designated Facility Name and Site Address

10. US EPA ID Number

C. Facility's Phone

7403  
SAFETY-KLEEN SYSTEMS, INC.  
130-A FRONTAGE ROAD  
LEXINGTON, SC 29073

SCD077995488

803-356-4061

11. Shipping Name and Description

12. Containers

13. Total Quantity

14. Unit Wt/Vol

	HM	No.	Type		
a.		7	DM	2,100	P
b.					
c.					
d.					

15. Special Handling Instruction and Additional Information

SK SHIP# 207716423 2201516

24 HR EMERGENCY #1-800-468-1760 (SAFETY-KLEEN - CONTRACT #94138)  
SK AUTHORIZED TO RETAIN LICENSED SUBSEQUENT CARRIERS AS NECESSARY

DOT/PRFL A. 408970/3570871 B. C. D.

A) NONE B) C) D)

16a. US DOT HAZARDOUS MATERIALS SHIPPER'S CERTIFICATION:

\*This is to certify that the above-named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

Printed/Typed Name

Signature required here if US DOT regulated

Month Day Year

16b. NON-REGULATED SHIPPER'S CERTIFICATION: I certify the materials described above on this form are not subject to federal regulations for Transportation or Disposal.

Printed/Typed Name

Sign here if material is not DOT regulated

Month Day Year

Bo ADAM

Bo Adam

7/12/12

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of materials covered by this form except as noted in Item 19.

Printed/Typed Name

Signature

Month Day Year

24 HR EMERGENCY #

800-468-1760(SAFETY-KLEEN-94138)

ORIGINAL-RETURN TO GENERATOR

FORM NO. 01-90291 (11/09)

SHIPPER

USE

16A

OR

16B

TRANSPORTER

FACILITY

USE

16A

OR

16B