



February 14, 2012

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  
  
Subject: Second Remedial Action Status Report  
Safety-Kleen Systems, Inc. -- Medley, Florida  
EPA ID No. FLD 984 171 694; Permit No. 56019/HO/007

Dear Mr. Russell:

This letter transmits the referenced Second Remedial Action Status Report (RASR) in accordance with Conditions I.15.a, I.16 and I.17 of the facility permit. This RASR was prepared pursuant to Conditions 1, 2 and 4 in Part VI.B of the facility permit.

This transmittal includes two hard copies and one electronic copy of the RASR, and one electronic copy (CD) of both the field and the laboratory Electronic Data Deliverables (EDDs) associated with groundwater sampling events on September 21, 2011 and December 21, 2011, and a soil sampling event on January 18, 2012.

If you have any questions, please call me at (847) 468-6733. Thank you.

Sincerely,

A handwritten signature in black ink that appears to read "Robert A. Schoepke".

Robert A. Schoepke, P.G.  
Director – Remediation

Enclosures: RASR and EDDs

cc: Jeff Curtis / S-K Compliance  
Larry Rodriguez / S-K facility manager  
Rick Stebnisky, P.G. / ECT  
Marc Lefebvre, P.E. / ECT (electronic copy)  
Satyen Thakar / ECT (electronic copy)  
Project File

## **SECOND REMEDIAL ACTION STATUS REPORT**

**SAFETY-KLEEN SYSTEMS, INC.  
8755 NW 95<sup>TH</sup> STREET  
MEDLEY, FLORIDA  
EPA ID NO. FLD 984 171 694**

*Prepared For:*



**SAFETY-KLEEN SYSTEMS, INC.  
Elgin, Illinois**

*Prepared By:*



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**100666-2222  
February 2012**

**SECOND REMEDIAL ACTION STATUS REPORT  
PROFESSIONAL REVIEW CERTIFICATION**

Safety-Kleen Systems, Inc.  
8755 NW 95<sup>th</sup> Street  
Medley, Miami-Dade County, Florida  
FDEP Facility I.D. No. 984 171 694

The technical contents of this Remedial Action Status Report for the Safety-Kleen Systems, Inc., facility located in Medley, Miami-Dade County, Florida, represent our professional interpretations arrived at in accordance with generally accepted hydrogeologic and engineering practices. The findings and results of this report are for the sole use and benefit of the Florida Department of Environmental Protection and Safety-Kleen Systems, Inc. Utilization of this report by other parties is at their risk, and Environmental Consulting & Technology, Inc. is not liable for consequences or damages extending therefrom. No warranties are implied or intended.

I certify that this report, including the hydrogeological and engineering interpretations, has been produced by me and by ECT staff under my supervision.

Prepared by:

*Satyen T.*

Satyen M. Thakar, E.I.

Date:

*2/13/12*

Reviewed by:

*Marc A. Lefebvre*

Marc A. Lefebvre, P.E.  
Florida Professional Engineer No. 50615

Date:

*2/13/12*

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## 1.0 INTRODUCTION

This Second Remedial Action Status Report is submitted (2-copies) for the Safety-Kleen Systems, Inc. Medley, Florida facility (SK-Medley) in accordance Rule 62-780.700(13)(a) through (g) of the Florida Administrative Code (F.A.C.), and in accordance with Part VI.B of the facility permit (Permit No. 56019/HO/007). This report was prepared by Environmental Consulting & Technology, Inc. (ECT) of behalf of Safety-Kleen. This report was due to be submitted by February 8, 2012, pursuant to Permit Condition VI.B.4.1. However, upon Florida Department of Environmental Protection (FDEP) approval, the deadline for report submission was extended by 2 weeks to February 22, 2012, to enable this report to include results and recommendations derived from a January 18, 2012, soil sampling event.

### 1.1 BACKGROUND

The SK-Medley facility is comprised of an industrial waste processing center. The facility includes five aboveground storage tanks (ASTs) containing virgin mineral spirits, waste mineral spirits, and oil wastes. Surrounding properties include a landscaping company, a transportation company, a landfill and recycling facility, a chemical/oil company, a concrete contractor, and a collision repair company. A site location map is included as Figure 1 and a site plan is included as Figure 2.

The source of documented impacts in the area of concern (AOC) is unknown, and there are no reports of spills or releases of contaminants from facility operations in that general area. The volume of contaminants released is also unknown.

Detailed information regarding the site assessment activities was provided in the Site Assessment Report dated April 8, 2010, and in an Addendum that was submitted with the Remedial Action Plan dated August 2010. The supplemental site assessment activities conducted in May 2010 included the sampling of monitoring wells MW-1, MW-3, MW-4, MW-4D, MW-5, and MW-5D for volatile organic compounds (VOCs). Supplemental soil assessment included the collection of soil samples from boring locations SB-10 through SB-15 for arsenic. In addition, ECT proceeded with the analysis

of archived soil samples collected in February 2010. The archived soil sample collected from the MW-5 location was also analyzed for arsenic. The purpose of the supplemental soil assessment event was for remedial design considerations.

Arsenic impacted soil above the soil cleanup target levels (SCTLs) for direct residential exposure was identified along the western side of the AST containment structure. The soil, however, was below the industrial direct exposure SCTL for arsenic. Soil impacts were identified based upon samples collected at 1 foot below land surface (ft bls) since the average depth to water is approximately 2 ft bls. The area of arsenic impacted soil was estimated at 100 square feet (ft<sup>2</sup>).

Soils impacted with tetrachloroethylene (or perchloroethylene, PCE) were documented in the soil in the vicinity of monitoring well MW-5 at one ft bls. The area of PCE impacted soil was estimated at 44 ft<sup>2</sup>.

Chlorinated solvent impacted groundwater was identified in the subsurface along with daughter by-products resulting from solvent decomposition. The results of the May 4, 2010 groundwater sampling data indicated maximum contaminant level (MCL) exceedances at wells MW-1, MW-4, and MW-5. From this data, the area of the contaminant plume was estimated at approximately 707 ft<sup>2</sup>.

Based upon these results, ECT developed a Remedial Action Plan (RAP) dated August 2010. The plan recommended remediation by air sparging. Six air sparge (AS) wells were included in the design including four new AS wells and two existing deep monitoring wells that would be connected to the system for use as AS wells. FDEP approved the RAP in a letter dated September 3, 2010.

In November 2010, additional groundwater sampling and analysis for VOCs were performed for wells MW-1 and MW-5.

The First Remedial Action Status Report was submitted to FDEP in August 2011. That report documented air sparge well installation activities, system construction, and startup

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activities. It also included baseline groundwater sampling activities and system operation and maintenance events.

This Second Remedial Action Status Report reiterates relevant background and baseline information, presents methods and results of subsequent groundwater and soil sampling events, describes remedial systems operations and maintenance, and provides a summary and recommendations.

## 2.0 GROUNDWATER SAMPLING AND ANALYSIS

Baseline groundwater sampling activities were conducted on June 21, 2011. In addition, two groundwater sampling events were conducted during the active remediation period; the first event on September 21, 2011, and the second event on December 21, 2011.

### 2.1 BASELINE GROUNDWATER SAMPLING (JUNE 21, 2011)

Prior to groundwater sampling, depth to water (DTW) was measured in all wells scheduled for sampling. The DTW averaged 4.0 ft bls in the shallow wells. In addition, ECT collected stabilization parameters for pH, temperature, specific conductivity, dissolved oxygen, and turbidity. The monitoring well details and water level data are included in Table 1.

The monitoring well network was sampled on June 21, 2011 to obtain baseline data prior to startup of the remediation system. Analytical Services, Inc. (ASI) analyzed the groundwater samples from monitoring wells MW-1, MW-2R, MW-3, MW-4, MW-4D, MW-5, MW-5D, MW-6, MW-7, MW-8 for U.S. Environmental Protection Agency (EPA) Method 8260B constituents. In addition, one duplicate, one equipment blank, and one field blank were submitted for analysis by EPA Method 8260B. Sampling and analytical procedures were conducted in accordance with the sampling protocol established in Chapter 62-160, F.A.C. (FDEP SOP 001/01) and the Sampling and Analysis Plan dated August 17, 2009.

Vinyl chloride was detected in wells MW-1 and MW-5 at 0.0011 milligrams per liter (mg/L) and 0.0025 mg/L, respectively; exceeding the MCL of 0.001 mg/L. Cis-dichloroethene was also detected in well MW-5 at 0.0066 mg/L, and Methyl ethyl ketone was detected in well MW-5D at 0.130 mg/L; neither of these parameters were in excess of their respective MCLs. These were the only constituents detected above the laboratory method detection limit (MDL) in the 10 wells sampled. Table 2 summarizes the analytical results for the baseline sampling event.

## 2.2 FIRST QUARTER GROUNDWATER SAMPLING

### 2.2.1 SEPTEMBER 21, 2011

For the first quarter (July through September 2011) after system startup, and after notification to FDEP, ECT mobilized to the site to collect groundwater from four (4) monitoring wells to evaluate the effectiveness of the air sparge system. Remedial system operation and maintenance is described in Section 4 of this document. Based upon previous assessment work and contaminant delineation, it was decided to sample wells MW-1, MW-3, MW-4, and MW-5. The system was shut off to stabilize the wells (create static conditions) prior to the groundwater sampling event. As a pre-cursor to groundwater sampling, DTW was measured from all the monitoring wells. The DTW averaged 3.85 ft bls in the shallow wells. Additionally, ECT collected stabilization parameters for pH, temperature, specific conductivity, dissolved oxygen, and turbidity. The historical water level data are included in Table 1. Figure 3 includes the groundwater elevation data for this event.

ASI analyzed the groundwater samples from monitoring wells MW-1, MW-3, MW-4, and MW-5 for EPA Method 8260B constituents. Sampling and analytical procedures were conducted in accordance with the sampling protocol established in Chapter 62-160, F.A.C. (FDEP SOP 001/01, dated 12/3/08) and the Sampling and Analysis Plan dated August 17, 2009. None of the constituents analyzed were detected above their respective laboratory MDL in any of the groundwater samples.

Table 2 includes a summary of the analytical results for this sampling event. Figure 5 presents selected analytical data on the site plan, although no constituent was detected in any sample. The groundwater sampling logs are included in Appendix A. A copy of the ASI laboratory report is included in Appendix B. An electronic copy of the electronic data deliverable (EDD) error report is included on a diskette attached to this report.

## 2.3 SECOND QUARTER GROUNDWATER SAMPLING

### 2.3.1 DECEMBER 21, 2011

After notification to FDEP, ECT returned to the site to collect groundwater samples from four (4) monitoring wells for the second quarter of active remediation (October through December 2011). At least two days prior to the groundwater sampling event, the system was shut off to stabilize the wells (create static conditions). Prior to groundwater sampling, DTW was measured from all the monitoring wells.

The DTW averaged 3.83 ft bls in the shallow wells. Additionally, ECT collected stabilization parameters for pH, temperature, specific conductivity, dissolved oxygen, and turbidity. The water level data are included in Table 1. Figure 4 includes the groundwater elevation data for this event.

Sampling and analytical procedures were conducted in accordance with the sampling protocol established in Chapter 62-160, F.A.C. (FDEP SOP 001/01, dated 12/3/08) and the Sampling and Analysis Plan dated August 17, 2009. The groundwater sampling logs are included in Appendix A. ASI analyzed the groundwater samples from monitoring wells MW-1, MW-3, MW-4, and MW-5, for EPA Method 8260B constituents. A copy of the ASI laboratory report is included in Appendix B. An electronic copy of the EDD error report is included on a diskette attached to this report. None of the constituents analyzed were detected at or above their respective laboratory MDLs in any of the samples. Table 2 includes a summary of the analytical results for this sampling event. Figure 6 presents selected data on the site plan, although no constituent was detected in any sample. These results confirm the success of the active remediation in the area of groundwater previously impacted by VOCs.

Based on the groundwater analytical results for the last two quarterly groundwater monitoring events (9/21/11 and 12/21/11), active remediation was terminated on January 9, 2012. A confirmatory soil sampling event (in accordance with RAP – August 2010) was then scheduled for January 18, 2012, as further described in Section 3.

### 3.0 SOIL SAMPLING AND ANALYSIS

After notification to FDEP, ECT returned to the site on January 18, 2012, to collect confirmatory soil samples, in accordance with Chapter 62-780.220, F.A.C. and condition VI.B.2 of the Resource Conservation Recovery Act (RCRA) permit for this facility. The soil sampling event was performed pursuant to Remedial Action Plan implementation (per RAP Section 7, Table 7, and Figure 13) for confirmation regarding the potential for residual volatile organics and arsenic impacts.

ECT utilized a subcontractor to drill cores in the concrete/asphalt area. Four soil borings (SB-16, SB-17, SB-18 and SB-19) were advanced around the MW-5 location (per the RAP Figure 13). After the initial 4 to 5 inches of concrete/asphalt was cored out, ECT utilized hand tools to advance the boring to a total depth of 1 ft bls to collect soil samples for arsenic analysis (EPA Method 6010C). ECT advanced the boring an additional 6 inches bls to a total depth of 1.5 ft bls to collect additional soil samples for VOCs analysis (EPA Method 8260). An additional three (3) soil samples were collected for arsenic analysis for better delineation in the area around the SB-2 location. ECT used hand tools to advance three soil borings (SB-20, SB-21, and SB-22) to a depth of 1 ft bls and collected the soil samples. These three soil samples were analyzed for arsenic by EPA Method 6010C.

All the soil samples were collected by following FDEP soil sampling Standard Operating Procedures (DEP-SOP-001/01, FS 3000 Soil, FC1000 Cleaning/Decontamination procedures). Soil sampling field notes are included in Appendix C. The locations of these seven new soil borings (SB-16 to SB-22) and previous soil borings are included in Figure 7. A copy of soil analytical report is included in Appendix D. An electronic copy of the EDD error report is included on a diskette attached to this report. The soil analytical results from the seven (7) newly installed soil borings (SB-16 through SB-22) are tabulated in Table 3 and illustrated in Figure 7.

No VOC was detected in any of the four samples analyzed for VOCs (SB-16-1.5, SB-17-1.5, SB-18-1.5, SB-19-1.5). The previous VOC constituent of concern was tetrachloroethylene. These results confirm the success of the active remediation in the area of soil previously impacted by VOCs.

The soil arsenic results (Table 3 and Figure 7) indicated the concentration of arsenic was above the residential exposure soil cleanup target level (SCTL, set at 2.1 mg/kg) in three of the seven samples (i.e., SB-18-1, SB-21-1, SB-22-1). All soil arsenic concentrations were below the industrial SCTL (set at 12 mg/kg).

The soil arsenic data was further evaluated using the 95% Upper Confidence Limit (UCL) approach in accordance with Rule 62-780.680.(1)(b)1.d. Results of the UCL calculations are provided in Appendix E. "Run B" in Appendix E shows the current circumstance; the FDEP recommended UCL result is 2.439 which is higher than the residential SCTL of 2.1 mg/kg. However, the "Run F" scenario in Appendix E shows a FDEP recommended UCL result of 1.815 that could be achieved by removal of ~ 3.5 to 4 cubic yards of soil. Specifically, the "Run F" scenario can be achieved by removal of soil surrounding all sample locations showing arsenic concentrations at 2.5 mg/kg or higher; these include SB-2, SB-18, SB-21, and SB-22 in one area, and SB-15 in a second area (see Figure 7).

Therefore, as described in Section 5, Safety-Kleen proposes to address arsenic in soil by performing soil removal and disposal actions (instead of using a Restrictive Covenant as proposed in the RAP). This alternate approach is consistent with Rule 62.780.700(15)(c).

## 4.0 REMEDIAL SYSTEM OPERATION AND MAINTENANCE

The air sparging remedial system layout is shown in Figure 2. The remedial system has operated an estimated 73% of the time from July 22, 2011 through January 9, 2012, which is the period of operation and maintenance described in this status report. The downtime was attributed to the system shut off for sampling activities and to the malfunctioning of the pressure switch. The remedial system pressure was maintained between 10 and 20 pounds per square inch (psi) with air sparge flow rates between 2 and 4 cubic feet per minute (cfm). The flow was decreased due to significant bubbling in wells MW-4 and MW-5. Even at these lower air sparge rates, significant influence was noted in the observation wells.

### 4.1 SITE VISITS

#### 4.1.1 AUGUST 16, 2011

ECT personnel were onsite for regular O&M. The system was operational on arrival. Flow and pressure readings were collected from all the air sparge points and monitoring wells. In addition, depth to water was also measured for all the monitoring wells. Air flow in sparge well MW-5D was reduced due to excessive bubbling observed in wells MW-4 and MW-5. The system pressure was maintained at average of 18 psi. Field notes are included in Appendix C.

#### 4.1.2 SEPTEMBER 2, 2011

ECT personnel were onsite for regular O&M. The system was operational upon arrival. Dissolved oxygen, pressure readings and depth to water measurements were collected from all monitoring wells. ECT collected the system readings and monitoring well influence measurements. ECT checked the compressor and bleed air filter. Both were fine. The system pressure was maintained at 16.5 psi. Site visit notes are included in Appendix C.

#### 4.1.3 SEPTEMBER 29, 2011

ECT personnel were onsite for regular O&M. The system was operational upon arrival. Dissolved oxygen, pressure readings, and depth to water measurements were collected from all monitoring wells. ECT collected the system readings and monitoring well influence measurements. ECT checked the compressor and bleed air filter. Bubbling was observed in wells MW-1, MW-3, MW-4, and MW-5. Therefore, the air flow rate in all wells was adjusted to 2.0 cfm. The system pressure was lowered down to 10 psi. Site visit notes are included in Appendix C.

#### 4.1.4 OCTOBER 26, 2011

ECT was onsite for regular O&M. The system was operational. Pressure and flow readings were collected and flow rate adjusted as bubbling was observed in wells MW-4 and MW-5. ECT checked the two air filters and system components. The system maintained pressure at 11 psi. The system was intentionally shut off for the facility's Dade County Environmental Resources Management (DERM) industrial permit groundwater sampling event scheduled to be conducted on October 28, 2011.

#### 4.1.5 NOVEMBER 29, 2011

ECT was onsite due to an alarm condition. The system was "off" due to a low pressure condition. After visual inspection of all the components, the system was restarted. The system shut off frequently gave a low pressure alarm. However, based on the system readings there was no indication of low pressure. After troubleshooting, ECT determined that the pressure switch was malfunctioning. ECT collected depth to water readings for the wells. The system was turned off and ECT called the system installation contractor to replace the pressure switch. The switch was replaced within the next week by the subcontractor. Site visit notes are included in Appendix C.

#### 4.1.6 DECEMBER 28, 2011

ECT was onsite for regular O&M. The system was operational upon arrival. Flow and pressure readings were collected from the air sparge wells and monitoring wells. Bubbling was observed in wells MW-3, MW-4, and MW-5. Therefore the air sparge flow rate was adjusted to 2.0 cfm. System pressure was maintained at 13 psi. The system was

“ON” when ECT demobilize from the site. Field notes are included in Appendix C. Air sparging well data are included in Table 4. Table 5 includes a summary of monitoring well responses to the air sparging.

#### 4.1.7 JANUARY 9, 2011

ECT called the front office at the facility and asked the onsite personnel to shut off the remedial system, which was confirmed as completed.

#### 4.1.8 JANUARY 18, 2011

ECT personnel were onsite to drill soil borings (SB-16 through SB-22) and collect soil samples, as described in Section 3 of this report. All the site visit field notes are included in Appendix C.

### 4.2 SITE OPERATIONAL PROBLEMS AND ADJUSTMENTS

No significant site operational problems were encountered during these quarters except for replacement of the pressure switch. ECT maintained the AS flow rate between 2 and 4 cfm due to significant bubbling in wells MW-4 and MW-5. Even at these lower air sparge rates, significant influence was noted in the observation wells. The air sparge influence map for July 22, 2011 is included as Figure 8.

## 5.0 SUMMARY AND RECOMMENDATIONS

The groundwater data for last two quarterly events (September 21, 2011 and December 21, 2011) indicated all the constituents of concern (COCs) were below the MDLs in all the samples. Similarly, the soil analytical results of the four confirmatory soil samples (SB-16-1.5 SB-17-1.5, SB-18-1.5, and SB-19-1.5) for VOC analysis (per RAP Table 7) indicated all the VOCs were below the MDL in all soil samples. These results are indicative of the effectiveness of the air-sparge system. Accordingly, active remediation has been completed and has been terminated in accordance with the RAP.

As recently discussed with FDEP, a Post Active Remediation Monitoring (PARM) Plan for groundwater monitoring has been prepared in accordance with Rule 62-780.750, F.A.C.. The proposed PARM Plan is provided in Appendix F. Four groundwater monitoring events will occur per this Plan. The first event is planned to occur on February 21, 2012. The remedial system will be kept in place and will remain off during the period of PARM Plan implementation. PARM reports and associated recommendations will be submitted as described in the PARM Plan.

Safety-Kleen proposes to address arsenic in soil by performing soil removal and disposal actions (instead of using a Restrictive Covenant as proposed in the RAP). This alternate approach is consistent with Rule 62.780.700(15)(c). Figure 7 shows the locations of proposed soil excavation, as further described in Section 3. The depth of excavation would be approximately to 2 to 2.5 ft bls, depending on the depth to the water table and capillary fringe at the time of excavation. In that area, the water table at well MW-1 has been observed to be as shallow as 2.0 ft bls (see Table 1). This soil removal action would occur after successful completion of the PARM Plan implementation, because the excavation will require removal of underground piping associated with the air sparging system.

## 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	

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							

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)	Barium (mg/L)	Arsenic (mg/L)	Sp. Cond. (µS/cm)	pH (S.U.)	D.O. (mg/L)	Temp. (°C)
MCL		0.003	0.003	0.07	0.1	0.001	4.2	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>	---	N/A	N/A	---	---	---	---
	02/15/10	<0.0020	<0.0020	0.02	0.0046	<b>0.017</b>	---	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>	---	N/A	N/A	---	---	---	---
	06/21/11	<0.002	<0.002	<0.002	<0.002	<b>0.0011</b>	<0.100	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	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	N/A	N/A	582	7.69	1.55	26.12
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	---	N/A	N/A	---	---	---	---
	02/15/10	<0.002	<0.002	0.0024	<0.002	<0.001	---	N/A	N/A	---	---	---	---
	06/21/11	<0.002	<0.002	<0.002	<0.002	<0.001	<0.100	N/A	N/A	656	7.04	0.70	27.53
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>	---	N/A	N/A	---	---	---	---
	02/15/10	<0.002	<0.002	0.0046	<0.002	<0.001	---	N/A	N/A	---	---	---	---
	05/04/10	<0.002	<0.002	0.0064	<0.002	<0.001	---	N/A	N/A	---	---	---	---
	06/21/11	<0.002	<0.002	<0.002	<0.002	<0.001	<0.100	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	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	N/A	N/A	591	7.20	1.45	25.40
MW-4	02/15/10	<0.002	<0.002	0.0095	<0.002	<0.001	---	N/A	N/A	---	---	---	---
	05/04/10	<0.002	<0.002	0.022	<0.002	<b>0.0028</b>	---	N/A	N/A	---	---	---	---
	06/21/11	<0.002	<0.002	<0.002	<0.002	<0.001	<0.100	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	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	N/A	N/A	616	7.40	1.00	25.99
MW-4D	02/15/10	<0.002	<0.002	<0.002	<0.002	<0.001	---	N/A	N/A	---	---	---	---
	05/04/10	<0.002	<0.002	<0.002	<0.002	<0.001	---	N/A	N/A	---	---	---	---
	06/21/11	<0.002	<0.002	<0.002	<0.002	<0.001	<0.100	N/A	N/A	540	7.28	0.45	25.61
MW-5	02/15/10	<b>0.013</b>	0.0025	<b>0.081</b>	<0.002	<b>0.0046</b>	---	N/A	N/A	---	---	---	---
	05/04/10	<b>0.016</b>	<b>0.0047</b>	0.025	<0.002	<b>0.0016</b>	---	N/A	N/A	---	---	---	---
	05/04/10	<b>0.015</b>	<b>0.0048</b>	0.025	<0.002	<b>0.0015</b>	---	N/A	N/A	---	---	---	---
	05/04/10	<b>0.015</b>	<b>0.0048</b>	0.025	<0.002	<b>0.0110</b>	---	N/A	N/A	---	---	---	---
	11/03/10	<0.002	<0.002	0.028	<0.002	<b>0.0025</b>	<0.100	N/A	N/A	600	7.11	1.62	26.9
	06/21/11	<0.002	<0.002	0.0066	<0.002	<b>0.0020</b>	<0.100	N/A	N/A	600	7.11	1.62	26.9
	06/21/11	<0.002	<0.002	0.0044	<0.002	<b>0.001</b>	<0.100	N/A	N/A	539	7.35	0.86	28.48
	09/21/11	<0.002	<0.002	<0.002	<0.002	<0.001	<0.100	N/A	N/A	575	7.75	1.51	26.20
	12/21/11	<0.002	<0.002	<0.002	<0.002	<0.001	<0.100	N/A	N/A	555	7.28	0.74	26.1

**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)	Barium (mg/L)	Arsenic (mg/L)	Sp. Cond. ( $\mu$ S/cm)	pH (S.U.)	D.O. (mg/L)	Temp. (°C)
	MCL	0.003	0.003	0.07	0.1	0.001	4.2	2	0.010	NA	NA	NA	NA
MW-6	02/15/10 06/21/11	<0.002 <0.002	<0.002 <0.002	<0.002 <0.002	<0.002 <0.002	<0.001 <0.001	---	N/A N/A	N/A N/A	---	---	1.00	29.01
MW-7	02/15/10 06/21/11	<0.002 <0.002	<0.002 <0.002	<0.002 <0.002	<0.002 <0.002	<0.001 <0.001	---	N/A N/A	N/A N/A	---	---	0.84	31.16
MW-8	02/15/10 06/21/11	<0.002 <0.002	<0.002 <0.002	<0.002 <0.002	<0.002 <0.002	<0.001 <0.001	---	N/A N/A	N/A N/A	---	---	0.68	30.18

Notes:

MCL = Maximum contaminant level per Chapter 62-550, Florida Administrative Code.

mg/L = Milligrams per liter.

N/A = Parameter not analyzed.

**Bold** = Result exceeds MCL.

\* = 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., 2011; and  
ECT, 2012.

Table 3. Soil: Summary of all Constituents Detected  
Safety-Kleen Systems, Inc.  
Medley, Florida

Sample #	Date	Tetrachloroethene (mg/kg)	Arsenic (mg/kg)	Barium (mg/kg)	Cadmium (mg/kg)	Chromium (mg/kg)	Lead (mg/kg)
SCTLs: Residential		8.8	2.1	120	82	210	400
SCTLs: Industrial		18	12	130,000	1,700	470	1,400
SCTLs: Leachability		0.03	NSE	1,600	8	38	***
SB-1 (1 ft)	09/10/09 02/15/10	4.90 <0.0054	0.95 N/A	15.6 N/A	0.20 N/A	5.74 N/A	9.0 N/A
SB-2 (1 ft)	09/10/09 02/15/10	0.26 <0.0058	3.15 N/A	22 N/A	<0.27 N/A	8.70 N/A	11.0 N/A
SB-3 (0-1')	11/19/09	<0.0053	1.76 J *	17.5	N/A	N/A	N/A
SB-4 (0-1')	11/19/09	<0.0062	2.39	26.4	N/A	N/A	N/A
SB-5 (0-1')	11/19/09	<0.0049	0.82 J *	15.6	N/A	N/A	N/A
SB-6 (0-1')	11/19/09	<0.0049	0.68 J*	17.0	N/A	N/A	N/A
SB-7 (0-1')	02/04/10	N/A	1.06	N/A	N/A	N/A	N/A
SB-10	05/04/10	N/A	< 0.42 *	N/A	N/A	N/A	N/A
SB-11	05/04/10	N/A	< 0.42 *	N/A	N/A	N/A	N/A
SB-12	05/04/10	N/A	0.42 J*	N/A	N/A	N/A	N/A
SB-13	05/04/10	N/A	1.24 J*	N/A	N/A	N/A	N/A
SB-14	05/04/10	N/A	2.12	N/A	N/A	N/A	N/A
SB-15	05/04/10	N/A	3.64	N/A	N/A	N/A	N/A
SB-16 (1.0)	01/18/12	N/A	<0.80	N/A	N/A	N/A	N/A
SB-16 (1.5)	01/18/12	<0.0002	N/A	N/A	N/A	N/A	N/A
SB-17 (1.0)	01/18/12	N/A	<0.73	N/A	N/A	N/A	N/A
SB-17 (1.5)	01/18/12	<0.0002	N/A	N/A	N/A	N/A	N/A
SB-18 (1.0)	01/18/12	N/A	2.41	N/A	N/A	N/A	N/A
SB-18 (1.5)	01/18/12	<0.0002	N/A	N/A	N/A	N/A	N/A
SB-19 (1.0)	01/18/12	N/A	1.36	N/A	N/A	N/A	N/A
SB-19 (1.5)	01/18/12	<0.0002	N/A	N/A	N/A	N/A	N/A
SB-20 (1.0)	01/18/12	N/A	<0.84	N/A	N/A	N/A	N/A
SB-21 (1.0)	01/18/12	N/A	3.00	N/A	N/A	N/A	N/A
SB-22 (1.0)	01/18/12	N/A	2.50	N/A	N/A	N/A	N/A
MW-5	02/15/10	0.13	0.69 J *	N/A	N/A	N/A	N/A
Duplicate	02/15/10	0.86	N/A	N/A	N/A	N/A	N/A

Notes: SCTLs = Soil cleanup target levels per Chapter 62-777, Florida Administrative Code.

NSE = No standard established.

mg/kg = Milligrams per kilogram.

J = Estimated concentration above the Method Detection Limit and below the Reporting Limit

N/A = Parameter not analyzed for.

**Bold** = Result exceeds Residential SCTL. [None exceed Industrial SCTL.]

**Shaded** = Result exceeds Leachability SCTL. [None exceed Industrial SCTL.]

\* Value re-reported to Method Detection Limit (previously reported to the Reporting Limit in the RAP).

\*\*\* Leachability values may be derived using the SPLP test to calculate site-specific SCTLs or may be determined using TCLP in the event oily wastes are present.

Sources: Analytical Services, Inc., 2012; and ECT, 2012

**Table 4: Air Sparging Well Data**  
**Safety-Kleen Systems, Inc.**  
**Medley, Florida**

Source: ECT, 2011.

### Notes:

NM = Not Measured

PSI = Pounds Per Square Inch

Flow reported in cfm

**Table 5: Summary of Monitoring Well Response**  
**Safety-Kleen Systems, Inc.**  
**Medley, Florida**

		MW-1			MW-3			MW-4		
Date	Time	Pressure (in. water)	DTW (ft)	D.O. (mg/L)	Pressure (in. water)	DTW (ft)	D.O. (mg/L)	Pressure (in. water)	DTW (ft)	D.O. (mg/L)
06/28/11 Baseline	11:00	NA	3.90	0.87	NA	3.32	1.30	NA	4.35	0.91
06/28/11	14:35	6.0	3.00	1.5	8.0	3.20	3.12	4.0	TOC	3.59
07/07/11	12:00	3.8	2.96	4.27	8.0	1.31	0.3	13.0	TOC	7.66
07/14/11	15:40	4.3	2.75	6.42	2.1	TOC	8.2	9.1	TOC	6.93
07/22/11	10:53	4.5	2.40	5.65	2.7	1.65	1.70	9.5	TOC	8.22
08/16/11	11:40	3.0	3.05	8.29	2.5	1.8	4.48	4.0	TOC	7.92
09/02/11	15:50	3.1	2.92	3.75	2.7	2.05	4.3	4.2	TOC	8.30
09/29/11	14:55	2.8	3.05	6.52	2.7	1.90	5.05	3.8	TOC	7.05
10/26/11	13:00	NM	2.9	1.7	NM	3.2	1.5	NM	TOC	1.2
11/29/11	16:15	NM	3.2	NM	NM	2.65	NM	NM	4.05	NM
12/28/11	10:10	NM	3.37	1.31	NM	TOC	1.8	NM	TOC	1.71

		MW-5			MW-7					
Date	Time	Pressure (in. water)	DTW (ft)	D.O. (mg/L)	Pressure (in. water)	DTW (ft)	D.O. (mg/L)			
06/28/11 Baseline	11:00	NA	5.00	1.52	NA	4.56	0.97			
06/28/11	14:35	4.0	TOC	4.61	0	2.75	1.01			
07/07/11	12:00	11.2	TOC	7.84	1.0	3.97	6.27			
07/14/11	15:40	8.0	TOC	7.01	1.3	3.05	0.37			
07/22/11	10:53	8.0	TOC	7.15	1.5	3.50	6.53			
08/16/11	11:40	4.0	TOC	7.6	1.0	3.68	1.47			
09/02/11	15:50	4.2	TOC	7.15	1.5	3.4	6.50			
09/29/11	14:55	4.2	TOC	4.37	1.7	3.65	1.5			
10/26/11	13:00	NM	TOC	1.7	NM	2.6	0.8			
11/29/11	16:15	NM	4.5	NM	NM	3.70	NM			
12/28/11	10:10	NM	TOC	1.76	NM	3.9	0.69			

Source: ECT, 2011

**Notes:**

ppm = Parts Per Million

mg/L = Milligrams Per Liter

DO = Dissolved Oxygen

NM = Not Measured

DTW = Depth to Water

in. water = Inches of Water

TOC = Top of Casing

## **FIGURES**

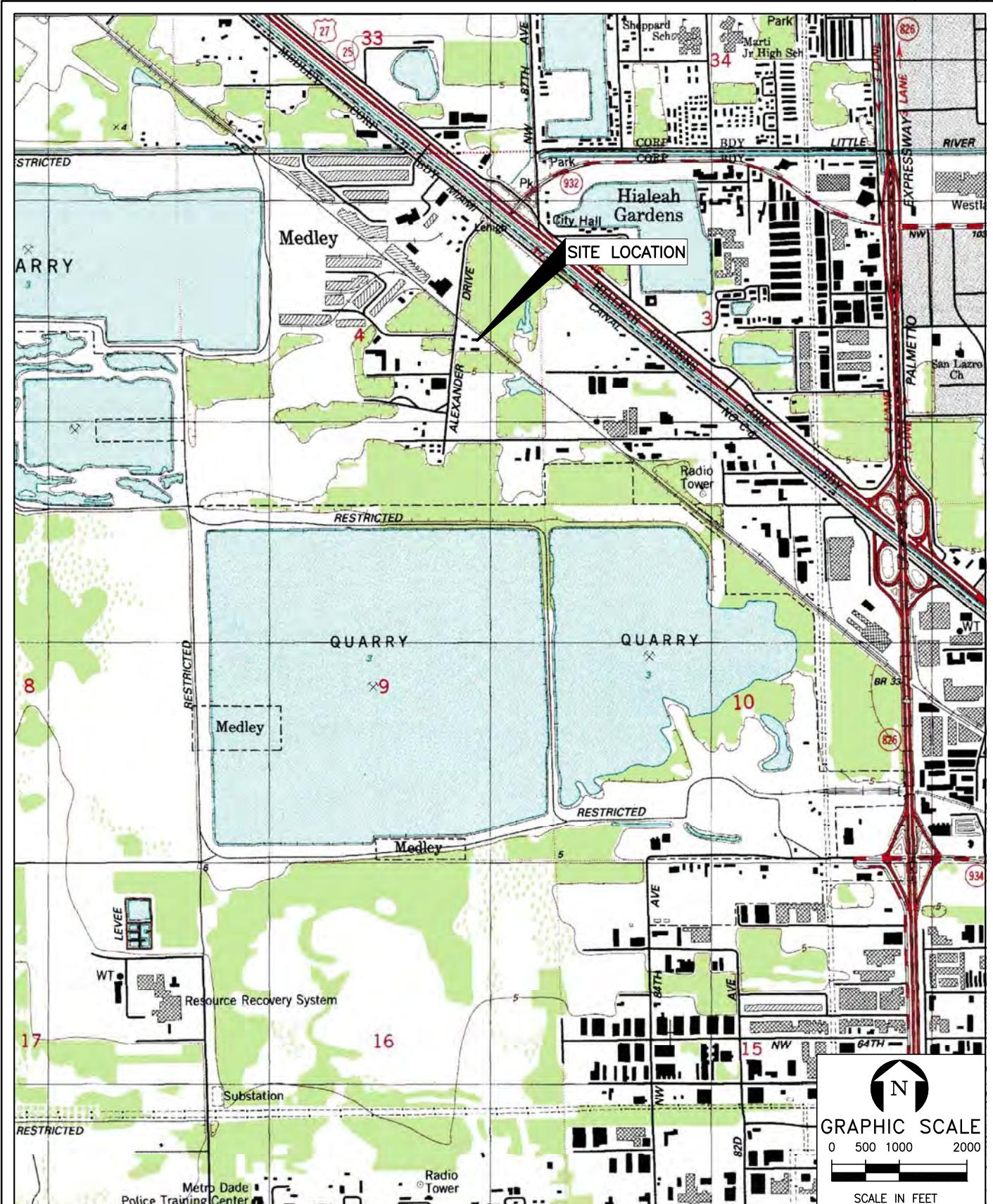


FIGURE 1.  
GENERAL LOCATION AND TOPOGRAPHICAL MAP  
SAFETY-KLEEN SYSTEMS, INC.  
8755 NW 95TH STREET  
MEDLEY, MIAMI-DADE COUNTY, FLORIDA  
Sources: USGS Quad Map of Hialeah, FL..1980; ECT, 2012.

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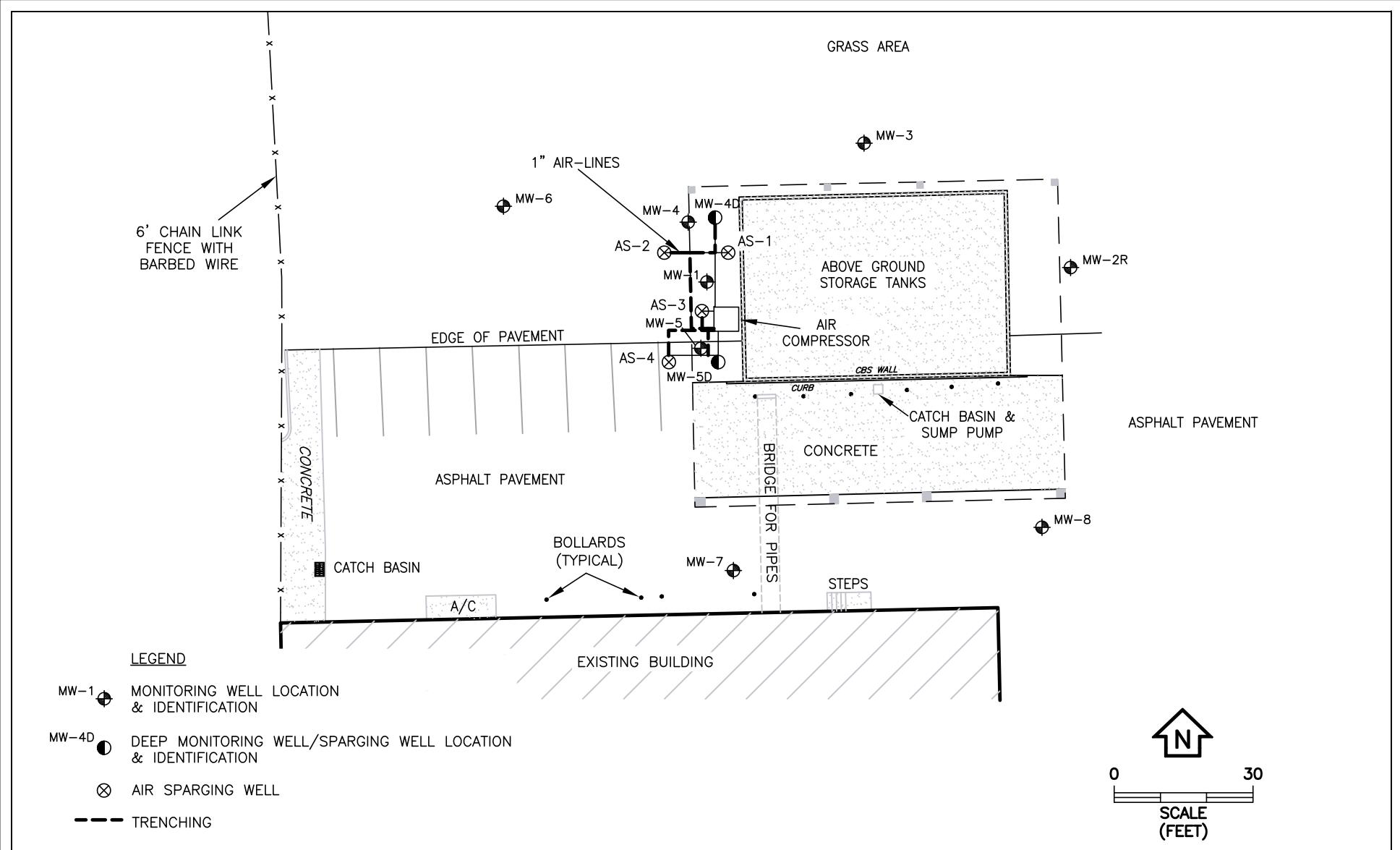


FIGURE 2.  
TRENCHING PLAN AND WELL LOCATIONS  
SAFETY-KLEEN SYSTEMS, INC.  
8755 NW 95TH STREET  
MEDLEY, MIAMI-DADE COUNTY, FLORIDA  
Sources: Bloomster Professional Land Surveyors, Inc., 2010; ECT, 2012.

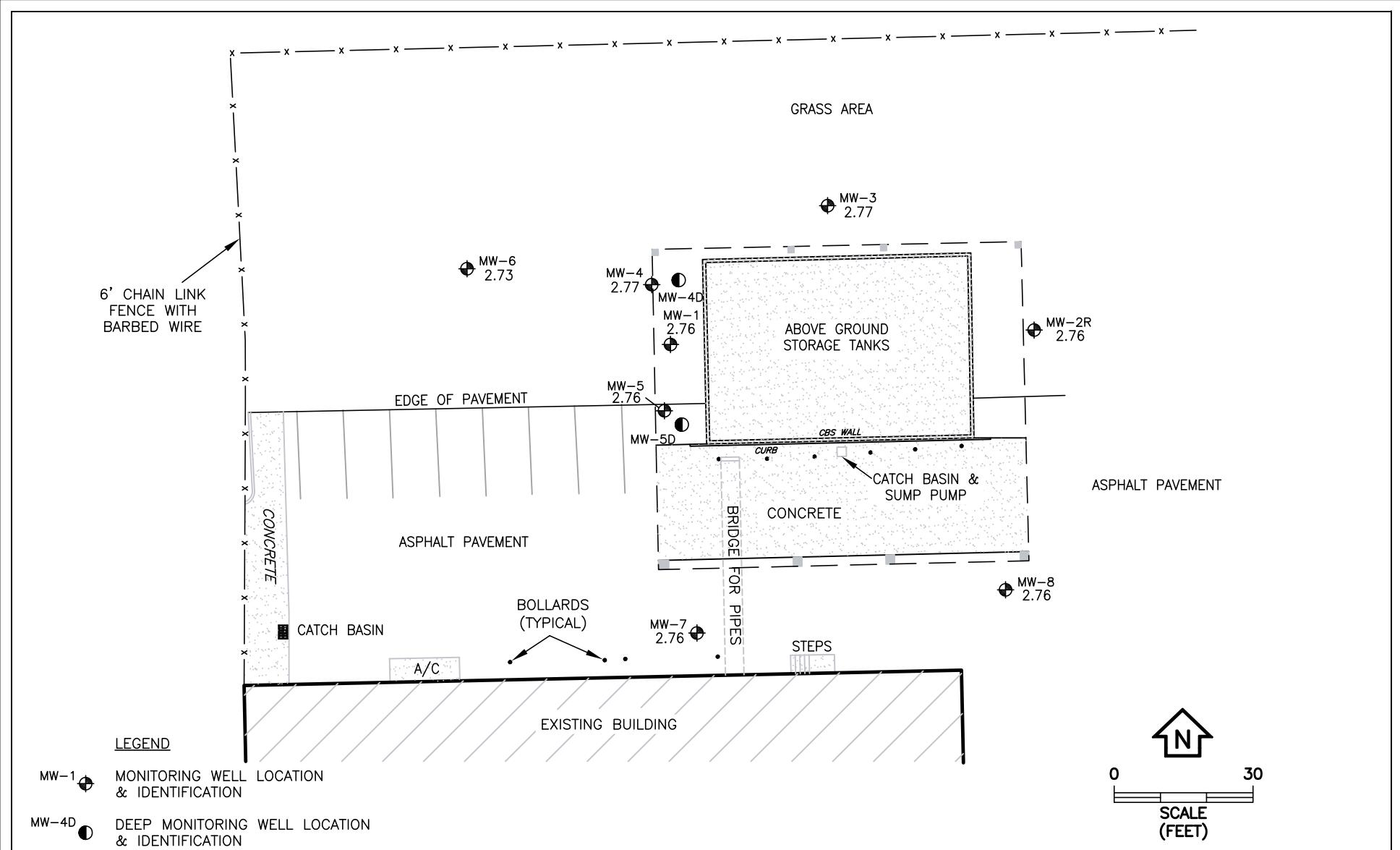


FIGURE 3.  
WATER TABLE ELEVATION MAP, SEPTEMBER 21, 2011  
SAFETY-KLEEN SYSTEMS, INC.  
8755 NW 95TH STREET  
MEDLEY, MIAMI-DADE COUNTY, FLORIDA  
Sources: Bloomster Professional Land Surveyors, Inc., 2010; ECT, 2012.

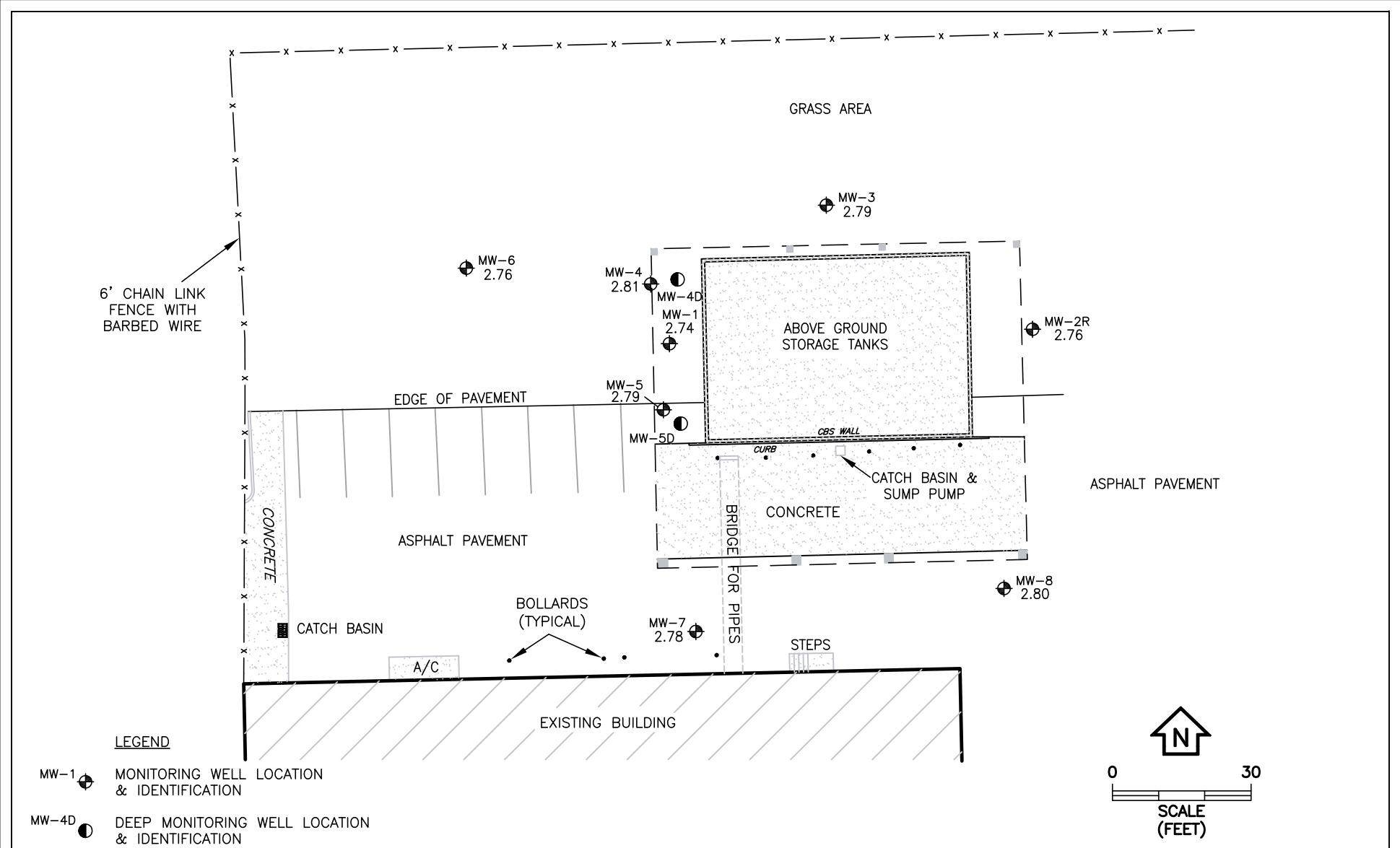


FIGURE 4.  
WATER TABLE ELEVATION MAP, DECEMBER 21, 2011  
SAFETY-KLEEN SYSTEMS, INC.  
8755 NW 95TH STREET  
MEDLEY, MIAMI-DADE COUNTY, FLORIDA  
Sources: Bloomster Professional Land Surveyors, Inc., 2010; ECT, 2012.

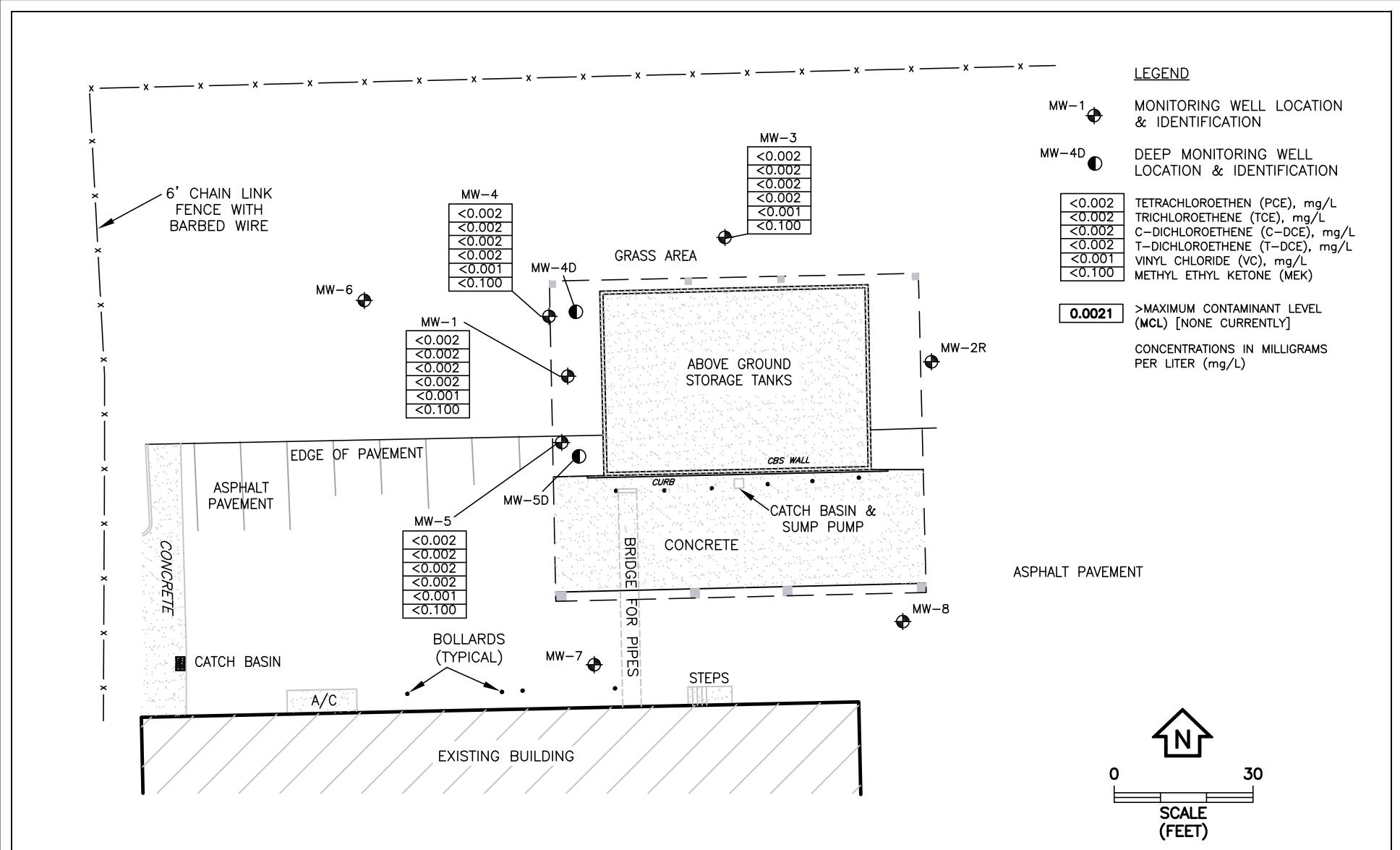


FIGURE 5.  
GROUNDWATER ANALYTICAL SUMMARY – SEPTEMBER 21, 2011  
SAFETY-KLEEN SYSTEMS, INC.  
8755 NW 95TH STREET  
MEDLEY, MIAMI-DADE COUNTY, FLORIDA  
Sources: Bloomster Professional Land Surveyors, Inc., 2010; ECT, 2012.

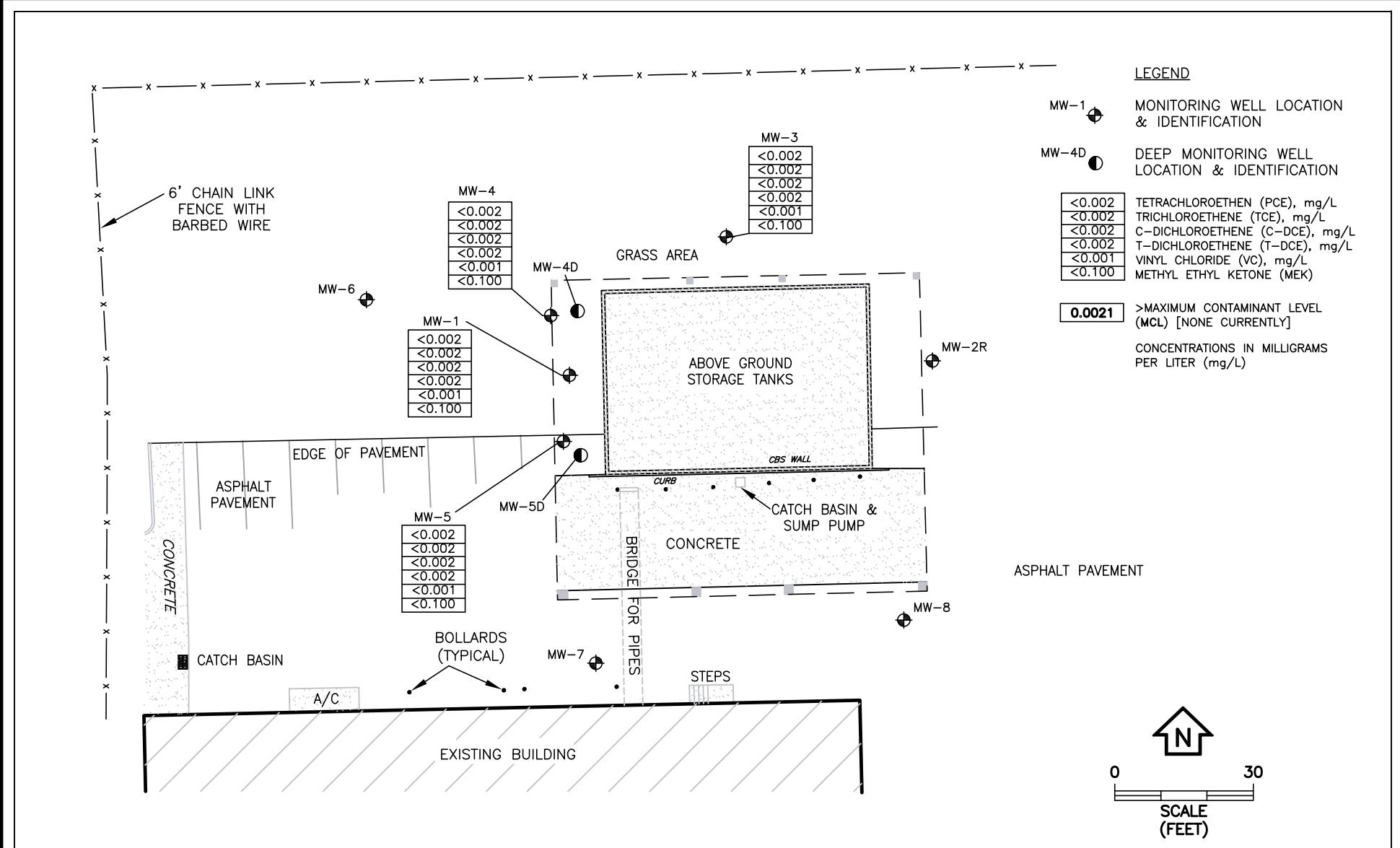


FIGURE 6.  
GROUNDWATER ANALYTICAL SUMMARY – DECEMBER 21, 2011  
SAFETY-KLEEN SYSTEMS, INC.  
8755 NW 95TH STREET  
MEDLEY, MIAMI-DADE COUNTY, FLORIDA  
Sources: Bloomster Professional Land Surveyors, Inc., 2010; ECT, 2012.

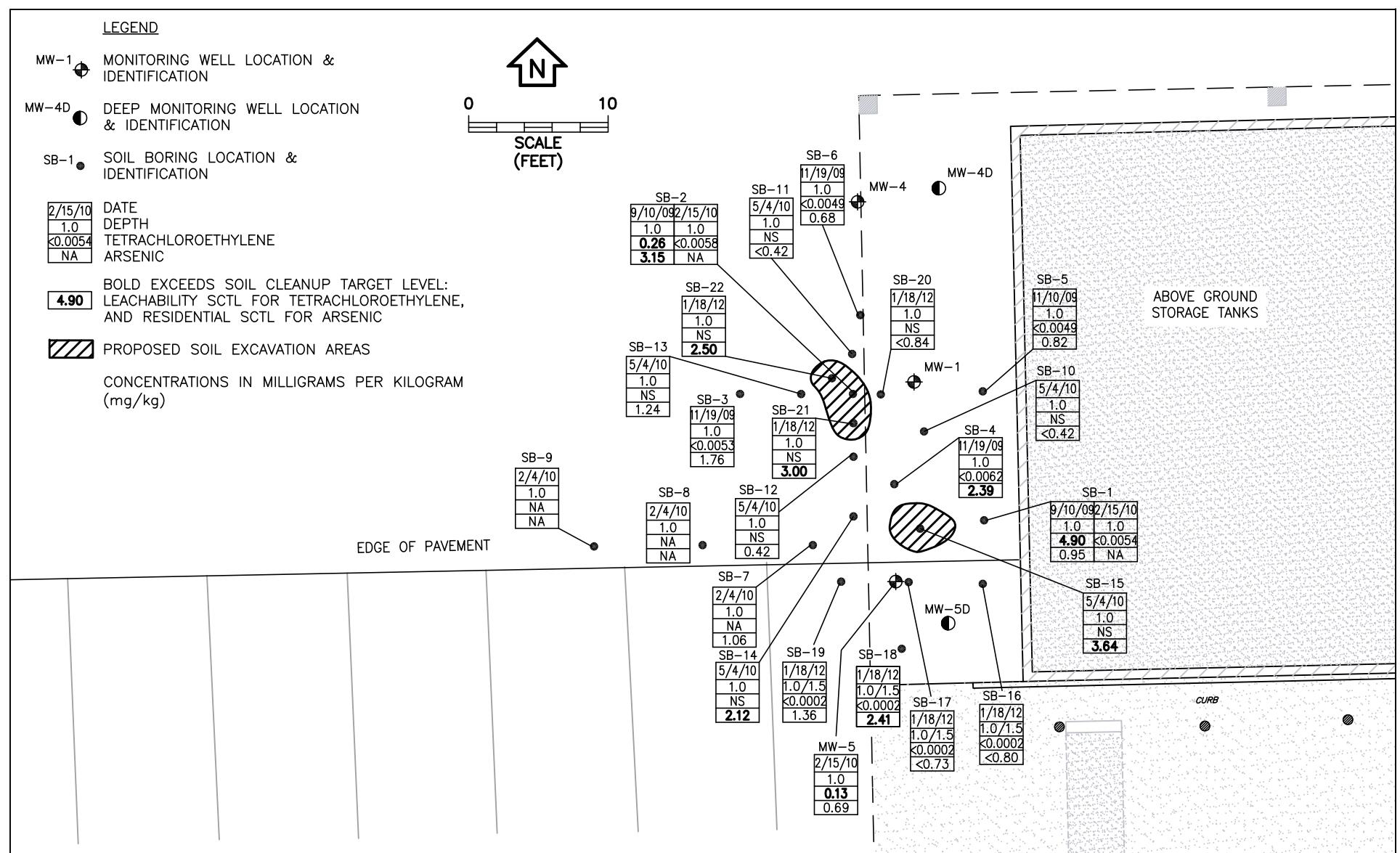


FIGURE 7.  
UPDATED SOIL ANALYTICAL DATA AND PROPOSED AREA OF EXCAVATION  
SAFETY-KLEEN SYSTEMS, INC.  
8755 NW 95TH STREET  
MEDLEY, MIAMI-DADE COUNTY, FLORIDA  
Sources: Bloomster Professional Land Surveyors, Inc., 2010; ECT, 2012.

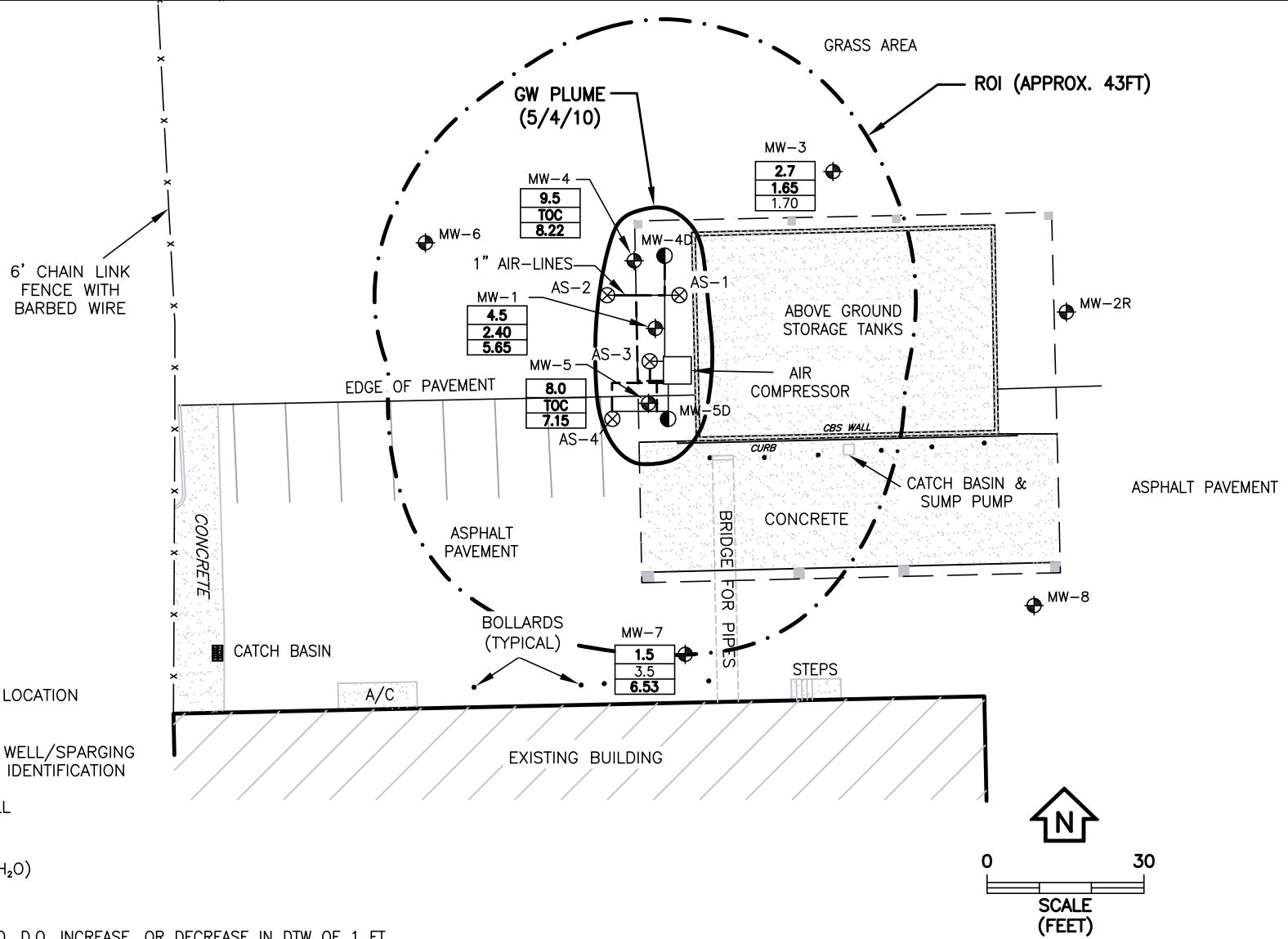


FIGURE 8.  
ESTIMATED AREA OF INFLUENCE – JULY 22, 2011  
SAFETY-KLEEN SYSTEMS, INC.  
8755 NW 95TH STREET  
MEDLEY, MIAMI-DADE COUNTY, FLORIDA  
Sources: Bloomster Professional Land Surveyors, Inc., 2010; ECT, 2012.

**ECT**

Environmental Consulting & Technology, Inc.

## **APPENDIX A**

### **GROUNDWATER SAMPLING LOGS**

**Form FD 9000-24**

**GROUNDWATER SAMPLING LOG**

**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 ES 2212 SECTION 2)**

pH:  $\pm 0.2$  units; Temperature:  $\pm 0.2^\circ\text{C}$ ; Specific Conductance:  $\pm 5\%$ ; Dissolved CO<sub>2</sub>:  $\pm 0.001$  g/L; Dissolved O<sub>2</sub>:  $\pm 0.001$  mg/L.

**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:  $\pm 0.2$  units Temperature:  $\pm 0.2^\circ\text{C}$  Specific Conductance:  $\pm 5\%$  Dissolved Oxygen: all readings  $\leq 20\%$  saturation (see Table FS 2200-2); optionally,  $\pm 0.2 \text{ mg/L}$  or  $\pm 10\%$  (whichever is greater) Turbidity: all readings  $\leq 20 \text{ NTU}$ ; optionally  $\pm 5 \text{ NTU}$  or  $\pm 10\%$  (whichever is greater)

Revision Date: February 12, 2009

**Form FD 9000-24**

**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:**  $\pm$  0.2 units **Temperature:**  $\pm$  0.2 °C **Specific Conductance:**  $\pm$  5% **Dissolved Oxygen:** all readings  $\leq$  20% saturation (see Table FS 2200-2); optionally,  $\pm$  0.2 mg/L or  $\pm$  10% (whichever is greater) **Turbidity:** all readings  $<$  20 NTU; optionally  $\pm$  5 NTU or  $\pm$  10% (whichever is greater)

Revision Date: February 12, 2009

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

**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 (SFE ES 2212, SECTION 3)**

pH: + 0.2 units, Temperature: + 0.2 °C, Specific Conductance: + 5%, Dissolved Oxygen: all readings < 20% saturation (as per ICPAC 1992)

pH,  $\pm 0.2$  units Temperature,  $\pm 0.2^\circ\text{C}$  Specific Conductance,  $\pm 5\%$  Dissolved Oxygen: all readings  $\leq 20\%$  saturation (see Table FS 2200-2); optionally,  $\pm 0.2\text{ mg/L}$  or  $\pm 10\%$  (whichever is greater) Turbidity: all readings  $\leq 20\text{ NTU}$ ; optionally  $\pm 5\text{ NTU}$  or  $\pm 10\%$  (whichever is greater)

Revision Date: February 12, 2009

**Form FD 9000-24**

**GROUNDWATER SAMPLING LOG**

#### **SAMPLING DATA**

**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 ES 2212, SECTION 3)**

pH:  $\pm 0.2$  units Temperature:  $\pm 0.2^\circ\text{C}$  Specific Conductance:  $\pm 5\%$  Dissolved Oxygen: all readings  $\leq 20\%$  saturation (s)

**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:**  $\pm$  0.2 units **Temperature:**  $\pm$  0.2 °C **Specific Conductance:**  $\pm$  5% **Dissolved Oxygen:** all readings  $\leq$  20% saturation (see Table FS 2200-2); optionally,  $\pm$  0.2 mg/L or  $\pm$  10% (whichever is greater) **Turbidity:** all readings  $\leq$  20 NTU; optionally  $\pm$  5 NTU or  $\pm$  10% (whichever is greater)

Revision Date: February 12, 2009



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

SITE NAME: SK MEDLEY		SITE LOCATION: MEDLEY, FL									
WELL NO: MW-1	SAMPLE ID: MW 1 12a11	DATE: 12/21/11									
<b>PURGING DATA</b>											
WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): 1/4"	WELL SCREEN INTERVAL DEPTH: 1 feet to 11 feet	STATIC DEPTH TO WATER (feet): 3.17								
		PURGE PUMP TYPE PP OR BAILER:									
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable)											
= ( 11.0 feet - 3.17 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): 5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 5	PURGING INITIATED AT: 1535	PURGING ENDED AT: 1606 TOTAL VOLUME PURGED (gallons): 4.03								
TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) $\mu\text{hos/cm}$ or $\mu\text{s/cm}$	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1600	3.25	3.25	0.13	3.19	7.74	26.17	582	1.60	10.4	clear	wane
1603	0.39	3.64	0.13	3.18	7.71	26.13	582	1.58	8.9		
1606	0.39	4.03	0.13	3.18	7.69	26.12	582	1.55	7.7	↓	↓
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)											
<b>SAMPLING DATA</b>											
SAMPLED BY (PRINT) / AFFILIATION: SATYEN THAKAR			SAMPLER(S) SIGNATURE(S): <i>Shankar - P.</i>				SAMPLING INITIATED AT: 1606		SAMPLING ENDED AT: 1615		
PUMP OR TUBING DEPTH IN WELL (feet): 5			TUBING MATERIAL CODE: PE		FIELD-FILTERED: Y N Filtration Equipment Type:		FILTER SIZE: _____ μm				
FIELD DECONTAMINATION: PUMP Y <input checked="" type="radio"/> TUBING <input checked="" type="radio"/> N (replaced)							DUPLICATE: Y <input checked="" type="radio"/>				
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-1 {	1	CG	40	H4	-	-	8260	R FPP	250		
12/21/11 {	1	CG	40	-	-	-	8260	↓	↓		
	1	CG	40	-	-	-	8260	↓	↓		
REMARKS: filtered water dumped with											
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:  $\pm 0.2$  units Temperature:  $\pm 0.2$  °C Specific Conductance:  $\pm 5\%$  Dissolved Oxygen: all readings  $\leq 20\%$  saturation (see Table FS 2200-2); optionally,  $\pm 0.2$  mg/L or  $\pm 10\%$  (whichever is greater) Turbidity: all readings  $\leq 20$  NTU; optionally  $\pm 5$  NTU or  $\pm 10\%$  (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24  
GROUNDWATER SAMPLING LOG

SITE NAME: SK MEDLEY				SITE LOCATION: MEDLEY, FL									
WELL NO: MW-4		SAMPLE ID: MW-4 922111				DATE: 12/21/11							
<b>PURGING DATA</b>													
WELL DIAMETER (inches): 1"		TUBING DIAMETER (inches): 1/4"		WELL SCREEN INTERVAL DEPTH: 16 feet to 11.6 feet			STATIC DEPTH TO WATER (feet): 2.96		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)													
= ( 11.6 feet - 2.96 feet ) X 0.04 gallons/foot = 0.35 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): 5			FINAL PUMP OR TUBING DEPTH IN WELL (feet): 5			PURGING INITIATED AT: 1400		PURGING ENDED AT: 1406		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)		
1400	2.6	2.6	0.13	3.01	7.37	25.96	614	0.98	15.7	clear	warm		
1403	0.39	2.99	0.13	3.01	7.39	26.01	616	0.96	13.2				
1406	0.39	3.38	0.13	3.01	7.40	25.99	616	1.0	10.5	↓	↓		
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)													
<b>SAMPLING DATA</b>													
SAMPLED BY (PRINT) / AFFILIATION: SATYEN THAKAR			SAMPLER(S) SIGNATURE(S): Satyen T.					SAMPLING INITIATED AT: 1407		SAMPLING ENDED AT: 1415			
PUMP OR TUBING DEPTH IN WELL (feet): 5			TUBING MATERIAL CODE: PE			FIELD-FILTERED: Y (N) Filtration Equipment Type:			FILTER SIZE: ____ μm				
FIELD DECONTAMINATION: PUMP Y (N)				TUBING Y N (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)							
MW-4 12/21/11	1	CG	40	H2O		-		8760		RFPP		< 50 mL	
	1	↓	↓	-		-		8760		L		↓	
	1	↓	↓	-		-		8760		L		↓	
REMARKS: <i>all unpurged water drained onto</i>													
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**

**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 section 3)

**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 section 3)

**pH:**  $\pm 0.2$  units **Temperature:**  $\pm 0.2^\circ\text{C}$  **Specific Conductance:**  $\pm 5\%$  **Dissolved Oxygen:** all readings  $\leq 20\%$  saturation (see Table FS 2200-2); optionally,  $\pm 0.2\text{ mg/L}$  or  $\pm 10\%$  (whichever is greater) **Turbidity:** all readings  $\leq 20\text{ NTU}$ ; optionally  $\pm 5\text{ NTU}$  or  $\pm 10\%$  (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24  
GROUNDWATER SAMPLING LOG

SITE 'AME: SK MEDLEY				SITE LOCATION: MEDLEY, FL							
WELL NO: MW-5				SAMPLE ID: MW-5 122111				DATE: 12/21/11			
<b>PURGING DATA</b>											
WELL DIAMETER (inches): 1"		TUBING DIAMETER (inches): 1/4"		WELL SCREEN INTERVAL DEPTH: 1.8 feet to 11.8 feet		STATIC DEPTH TO WATER (feet): 4.22		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)											
= ( 11.8 feet - 4.22 feet ) X 0.04 gallons/foot = 0.30 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): 6			FINAL PUMP OR TUBING DEPTH IN WELL (feet): 15			PURGING INITIATED AT: 1500		PURGING ENDED AT: 1526		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) $\mu\text{hos/cm}$ or $\mu\text{s/cm}$	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1520	2.6	2.6	0.13	4.25	7.72	26.17	574	1.56	6.1	clear	none
1523	0.39	2.99	0.13	4.25	7.74	26.20	575	1.50	5.9	↓	↓
1526	0.39	3.38	0.13	4.25	7.75	26.20	575	1.51	4.8	↓	↓
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)											
<b>SAMPLING DATA</b>											
SAMPLED BY (PRINT) / AFFILIATION: SATYEN THAKAR				SAMPLER(S) SIGNATURE(S): <i>Satyen</i>				SAMPLING INITIATED AT: 1526		SAMPLING ENDED AT: 1530	
PUMP OR TUBING DEPTH IN WELL (feet): 6			TUBING MATERIAL CODE: PE			FIELD-FILTERED: Y <input checked="" type="checkbox"/> FILTER SIZE: _____ μm Filtration Equipment Type:					
FIELD DECONTAMINATION: PUMP Y <input checked="" type="checkbox"/> TUBING <input checked="" type="checkbox"/> N (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					
5	1	CG	40	40	-	-		8260	RFPP	250	
MW-5 122111	1	CG	40	-	-	-		8260	RFPP	250	
2	1	CG	40	-	-	-		8260	RFPP	250	
REMARKS: <i>Purged water dumped onto</i>											
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:  $\pm 0.2$  units Temperature:  $\pm 0.2$  °C Specific Conductance:  $\pm 5\%$  Dissolved Oxygen: all readings  $\leq 20\%$  saturation (see Table FS 2200-2); optionally,  $\pm 0.2$  mg/L or  $\pm 10\%$  (whichever is greater) Turbidity: all readings  $\leq 20$  NTU; optionally  $\pm 5$  NTU or  $\pm 10\%$  (whichever is greater)

Revision Date: February 12, 2009

1995-7



**CHAIN OF CUSTODY RECORD**

**ANALYTICAL SERVICES, INC.**  
ENVIRONMENTAL MONITORING & LABORATORY ANALYSIS  
110 TECHNOLOGY PARKWAY NORCROSS, GA 30092  
(770) 734-4200 • FAX (770) 734-4204 • <http://www.analabs.com>

110 TECHNOLOGY PARKWAY NORCROSS, GA 30092  
(770) 734-4200 : FAX (770) 734-4201 : [www.asi-lab.com](http://www.asi-lab.com)

CLIENT NAME: ECT Inc		CLIENT ADDRESS/FAX NUMBER: 140 S. N. WEST SHORE BLVD, SUITE 115 TAMPA, FL 33607 (813) 289-6338		ANALYSIS REQUESTED	
REPORT TO: RICK STEBNISKY CC: PO #: STP TAT		PROJECT NAME/STATE: SK MEDLEY / FLORIDA PROJECT #: ST 10-0666		CONTAINER TYPE	
REQUESTED COMPLETION DATE:		# of C		A	PRESERVATION
		O		B	1 - HCl, 4°
		N		C	2 - H2SO4, 4°
		T		D	3 - HNO3, 4°
		A		E	4 - NaOH, 4°
		I		F	5 - NaOH/ZnAc, 4°
		S		G	6 - Na2S2O3, 4°
		Q		H	7 - 4°
				I	*MATRIX CODES:
				J	DW - DRINKING WATER
				K	WW - WASTEWATER
				L	GW - GROUNDWATER
				M	SW - SURFACE WATER
				N	ST - STORM WATER
				O	W - WATER
				P	S - SOIL
				Q	SL - SLUDGE
				R	SD - SOLID
				S	A - AIR
				T	L - LIQUID
				U	P - PRODUCT
				V	REMARKS/ADDITIONAL INFORMATION
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				JJ	
				KK	
				LL	
				MM	
				OO	
				PP	
				QQ	
				RR	
				SS	
				TT	
				UU	
				VV	
				WW	
				XX	
				YY	
				ZZ	
				AA	
				BB	
				CC	
				DD	
				EE	
				FF	
				GG	
				HH	
				II	
				JJ	
				KK	
				LL	
				MM	

## **APPENDIX B**

### **LABORATORY GROUNDWATER ANALYTICAL REPORTS**



# 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: AUL0837**

**December 29, 2011**

**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:

Elizabeth Bryant  
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  
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Safety-Kleen Corporation - Elgin  
1502 E. Villa Street  
Elgin IL, 60120  
Attention: Mr. Bob Schoepke

December 29, 2011

## ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW 5 122111	AUL0837-01	Ground Water	12/21/11 15:30	12/24/11 10:25
MW 3 122111	AUL0837-02	Ground Water	12/21/11 14:50	12/24/11 10:25
MW 4 122111	AUL0837-03	Ground Water	12/21/11 14:15	12/24/11 10:25
MW 1 122111	AUL0837-04	Ground Water	12/21/11 16:15	12/24/11 10:25
Trip Blank	AUL0837-05	Water	12/21/11 00:00	12/24/11 10:25



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1502 E. Villa Street  
Elgin IL, 60120  
Attention: Mr. Bob Schoepke

December 29, 2011

Report No.: AUL0837  
Client ID: MW 5 122111  
Date/Time Sampled: 12/21/2011 3:30:00PM  
Matrix: Ground Water

Project: Medley, FL  
Lab Number ID: AUL0837-01  
Date/Time Received: 12/24/2011 10:25:00AM

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
<b>Volatile Organic Compounds by EPA 8260</b>										
Acetone	ND	100	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 13:28	1120766	GCN	
Acrolein	ND	50	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 13:28	1120766	GCN	
Acrylonitrile	ND	50	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 13:28	1120766	GCN	
Allyl Chloride (3-Chloropropylene)	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 13:28	1120766	GCN	
Benzene	ND	2.0	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 13:28	1120766	GCN	
Bromobenzene	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 13:28	1120766	GCN	
Bromoform	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 13:28	1120766	GCN	
Bromochloromethane	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 13:28	1120766	GCN	
Bromodichloromethane	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 13:28	1120766	GCN	
Bromoform	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 13:28	1120766	GCN	
Bromomethane	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 13:28	1120766	GCN	
n-Butylbenzene	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 13:28	1120766	GCN	
sec-Butylbenzene	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 13:28	1120766	GCN	
tert-Butylbenzene	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 13:28	1120766	GCN	
Carbon Disulfide	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 13:28	1120766	GCN	
Carbon Tetrachloride	ND	2.0	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 13:28	1120766	GCN	
Chlorobenzene	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 13:28	1120766	GCN	
1-Chlorobutane	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 13:28	1120766	GCN	
Chloroethane	ND	5.0	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 13:28	1120766	GCN	
2-Chloroethyl Vinyl Ether	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 13:28	1120766	GCN	
Chloroform	ND	2.0	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 13:28	1120766	GCN	
Chloromethane	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 13:28	1120766	GCN	
2-Chlorotoluene	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 13:28	1120766	GCN	
4-Chlorotoluene	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 13:28	1120766	GCN	
Dibromochloromethane	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 13:28	1120766	GCN	
1,2-Dibromo-3-chloropropane	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 13:28	1120766	GCN	
1,2-Dibromoethane	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 13:28	1120766	GCN	
Dibromomethane	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 13:28	1120766	GCN	
1,2-Dichlorobenzene	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 13:28	1120766	GCN	
1,3-Dichlorobenzene	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 13:28	1120766	GCN	
1,4-Dichlorobenzene	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 13:28	1120766	GCN	
trans-1,4-Dichloro-2-butene	ND	5.0	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 13:28	1120766	GCN	
Dichlorodifluoromethane	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 13:28	1120766	GCN	
1,1-Dichloroethane	ND	2.0	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 13:28	1120766	GCN	
1,2-Dichloroethane	ND	2.0	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 13:28	1120766	GCN	
1,1-Dichloroethene	ND	2.0	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 13:28	1120766	GCN	
cis-1,2-Dichloroethene	ND	2.0	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 13:28	1120766	GCN	



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1502 E. Villa Street  
Elgin IL, 60120  
Attention: Mr. Bob Schoepke

December 29, 2011

Report No.: AUL0837  
Client ID: MW 5 122111  
Date/Time Sampled: 12/21/2011 3:30:00PM  
Matrix: Ground Water

Project: Medley, FL  
Lab Number ID: AUL0837-01  
Date/Time Received: 12/24/2011 10:25:00AM

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
<b>Volatile Organic Compounds by EPA 8260</b>										
trans-1,2-Dichloroethene	ND	2.0	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 13:28	1120766	GCN	
1,2-Dichloropropane	ND	2.0	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 13:28	1120766	GCN	
1,3-Dichloropropane	ND	2.0	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 13:28	1120766	GCN	
2,2-Dichloropropane	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 13:28	1120766	GCN	
1,1-Dichloropropene	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 13:28	1120766	GCN	
cis-1,3-Dichloropropene	ND	2.0	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 13:28	1120766	GCN	
trans-1,3-Dichloropropene	ND	2.0	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 13:28	1120766	GCN	
Ethylbenzene	ND	2.0	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 13:28	1120766	GCN	
Ethyl Methacrylate	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 13:28	1120766	GCN	
Hexachlorobutadiene	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 13:28	1120766	GCN	
p-Isopropyltoluene	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 13:28	1120766	GCN	
Hexachloroethane	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 13:28	1120766	GCN	
Iodomethane	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 13:28	1120766	GCN	
Isopropylbenzene	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 13:28	1120766	GCN	
Methacrylonitrile	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 13:28	1120766	GCN	
Methyl Acrylate	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 13:28	1120766	GCN	
Methyl Butyl Ketone (2-Hexanone)	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 13:28	1120766	GCN	
Methylene Chloride	ND	5.0	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 13:28	1120766	GCN	
Methyl Ethyl Ketone (2-Butanone)	ND	100	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 13:28	1120766	GCN	
Methyl Methacrylate	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 13:28	1120766	GCN	
4-Methyl-2-pentanone (MIBK)	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 13:28	1120766	GCN	
Methyl-tert-Butyl Ether	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 13:28	1120766	GCN	
Naphthalene	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 13:28	1120766	GCN	
2-Nitropropane	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 13:28	1120766	GCN	
Propionitrile (Ethyl Cyanide)	ND	20	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 13:28	1120766	GCN	
n-Propylbenzene	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 13:28	1120766	GCN	
Styrene	ND	5.0	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 13:28	1120766	GCN	
1,1,1,2-Tetrachloroethane	ND	2.0	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 13:28	1120766	GCN	
1,1,2,2-Tetrachloroethane	ND	2.0	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 13:28	1120766	GCN	
Tetrachloroethene	ND	2.0	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 13:28	1120766	GCN	
Toluene	ND	2.0	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 13:28	1120766	GCN	
1,2,3-Trichlorobenzene	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 13:28	1120766	GCN	
1,2,4-Trichlorobenzene	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 13:28	1120766	GCN	
1,1,1-Trichloroethane	ND	2.0	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 13:28	1120766	GCN	
1,1,2-Trichloroethane	ND	2.0	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 13:28	1120766	GCN	
Trichloroethene	ND	2.0	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 13:28	1120766	GCN	



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1502 E. Villa Street  
Elgin IL, 60120  
Attention: Mr. Bob Schoepke

December 29, 2011

Report No.: AUL0837

Project: Medley, FL

Client ID: MW 5 122111

Lab Number ID: AUL0837-01

Date/Time Sampled: 12/21/2011 3:30:00PM

Date/Time Received: 12/24/2011 10:25:00AM

Matrix: Ground Water

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
<b>Volatile Organic Compounds by EPA 8260</b>										
Trichlorofluoromethane	ND	10	ug/L	EPA 8260B		1	12/27/11 12:30	12/27/11 13:28	1120766	GCN
1,2,3-Trichloropropane	ND	10	ug/L	EPA 8260B		1	12/27/11 12:30	12/27/11 13:28	1120766	GCN
1,2,4-Trimethylbenzene	ND	10	ug/L	EPA 8260B		1	12/27/11 12:30	12/27/11 13:28	1120766	GCN
1,3,5-Trimethylbenzene	ND	10	ug/L	EPA 8260B		1	12/27/11 12:30	12/27/11 13:28	1120766	GCN
Vinyl Acetate	ND	10	ug/L	EPA 8260B		1	12/27/11 12:30	12/27/11 13:28	1120766	GCN
Vinyl Chloride	ND	1.0	ug/L	EPA 8260B		1	12/27/11 12:30	12/27/11 13:28	1120766	GCN
m+p-Xylene	ND	5.0	ug/L	EPA 8260B		1	12/27/11 12:30	12/27/11 13:28	1120766	GCN
o-Xylene	ND	5.0	ug/L	EPA 8260B		1	12/27/11 12:30	12/27/11 13:28	1120766	GCN
Xylenes, total	ND	5.0	ug/L	EPA 8260B		1	12/27/11 12:30	12/27/11 13:28	1120766	GCN
Surrogate: Dibromofluoromethane	99 %	75-123		EPA 8260B			12/27/11 12:30	12/27/11 13:28	1120766	
Surrogate: 1,2-Dichloroethane-d4	102 %	72-120		EPA 8260B			12/27/11 12:30	12/27/11 13:28	1120766	
Surrogate: Toluene-d8	101 %	75-120		EPA 8260B			12/27/11 12:30	12/27/11 13:28	1120766	
Surrogate: 4-Bromofluorobenzene	98 %	80-120		EPA 8260B			12/27/11 12:30	12/27/11 13:28	1120766	



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1502 E. Villa Street  
Elgin IL, 60120  
Attention: Mr. Bob Schoepke

December 29, 2011

Report No.: AUL0837  
Client ID: MW 3 122111  
Date/Time Sampled: 12/21/2011 2:50:00PM  
Matrix: Ground Water

Project: Medley, FL  
Lab Number ID: AUL0837-02  
Date/Time Received: 12/24/2011 10:25:00AM

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
<b>Volatile Organic Compounds by EPA 8260</b>										
Acetone	ND	100	ug/L	EPA 8260B		1	12/27/11 12:30	12/27/11 13:56	1120766	GCN
Acrolein	ND	50	ug/L	EPA 8260B		1	12/27/11 12:30	12/27/11 13:56	1120766	GCN
Acrylonitrile	ND	50	ug/L	EPA 8260B		1	12/27/11 12:30	12/27/11 13:56	1120766	GCN
Allyl Chloride (3-Chloropropylene)	ND	10	ug/L	EPA 8260B		1	12/27/11 12:30	12/27/11 13:56	1120766	GCN
Benzene	ND	2.0	ug/L	EPA 8260B		1	12/27/11 12:30	12/27/11 13:56	1120766	GCN
Bromobenzene	ND	10	ug/L	EPA 8260B		1	12/27/11 12:30	12/27/11 13:56	1120766	GCN
Bromoform	ND	10	ug/L	EPA 8260B		1	12/27/11 12:30	12/27/11 13:56	1120766	GCN
Bromochloromethane	ND	10	ug/L	EPA 8260B		1	12/27/11 12:30	12/27/11 13:56	1120766	GCN
Bromodichloromethane	ND	10	ug/L	EPA 8260B		1	12/27/11 12:30	12/27/11 13:56	1120766	GCN
Bromoform	ND	10	ug/L	EPA 8260B		1	12/27/11 12:30	12/27/11 13:56	1120766	GCN
Bromomethane	ND	10	ug/L	EPA 8260B		1	12/27/11 12:30	12/27/11 13:56	1120766	GCN
n-Butylbenzene	ND	10	ug/L	EPA 8260B		1	12/27/11 12:30	12/27/11 13:56	1120766	GCN
sec-Butylbenzene	ND	10	ug/L	EPA 8260B		1	12/27/11 12:30	12/27/11 13:56	1120766	GCN
tert-Butylbenzene	ND	10	ug/L	EPA 8260B		1	12/27/11 12:30	12/27/11 13:56	1120766	GCN
Carbon Disulfide	ND	10	ug/L	EPA 8260B		1	12/27/11 12:30	12/27/11 13:56	1120766	GCN
Carbon Tetrachloride	ND	2.0	ug/L	EPA 8260B		1	12/27/11 12:30	12/27/11 13:56	1120766	GCN
Chlorobenzene	ND	10	ug/L	EPA 8260B		1	12/27/11 12:30	12/27/11 13:56	1120766	GCN
1-Chlorobutane	ND	10	ug/L	EPA 8260B		1	12/27/11 12:30	12/27/11 13:56	1120766	GCN
Chloroethane	ND	5.0	ug/L	EPA 8260B		1	12/27/11 12:30	12/27/11 13:56	1120766	GCN
2-Chloroethyl Vinyl Ether	ND	10	ug/L	EPA 8260B		1	12/27/11 12:30	12/27/11 13:56	1120766	GCN
Chloroform	ND	2.0	ug/L	EPA 8260B		1	12/27/11 12:30	12/27/11 13:56	1120766	GCN
Chloromethane	ND	10	ug/L	EPA 8260B		1	12/27/11 12:30	12/27/11 13:56	1120766	GCN
2-Chlorotoluene	ND	10	ug/L	EPA 8260B		1	12/27/11 12:30	12/27/11 13:56	1120766	GCN
4-Chlorotoluene	ND	10	ug/L	EPA 8260B		1	12/27/11 12:30	12/27/11 13:56	1120766	GCN
Dibromochloromethane	ND	10	ug/L	EPA 8260B		1	12/27/11 12:30	12/27/11 13:56	1120766	GCN
1,2-Dibromo-3-chloropropane	ND	10	ug/L	EPA 8260B		1	12/27/11 12:30	12/27/11 13:56	1120766	GCN
1,2-Dibromoethane	ND	10	ug/L	EPA 8260B		1	12/27/11 12:30	12/27/11 13:56	1120766	GCN
Dibromomethane	ND	10	ug/L	EPA 8260B		1	12/27/11 12:30	12/27/11 13:56	1120766	GCN
1,2-Dichlorobenzene	ND	10	ug/L	EPA 8260B		1	12/27/11 12:30	12/27/11 13:56	1120766	GCN
1,3-Dichlorobenzene	ND	10	ug/L	EPA 8260B		1	12/27/11 12:30	12/27/11 13:56	1120766	GCN
1,4-Dichlorobenzene	ND	10	ug/L	EPA 8260B		1	12/27/11 12:30	12/27/11 13:56	1120766	GCN
trans-1,4-Dichloro-2-butene	ND	5.0	ug/L	EPA 8260B		1	12/27/11 12:30	12/27/11 13:56	1120766	GCN
Dichlorodifluoromethane	ND	10	ug/L	EPA 8260B		1	12/27/11 12:30	12/27/11 13:56	1120766	GCN
1,1-Dichloroethane	ND	2.0	ug/L	EPA 8260B		1	12/27/11 12:30	12/27/11 13:56	1120766	GCN
1,2-Dichloroethane	ND	2.0	ug/L	EPA 8260B		1	12/27/11 12:30	12/27/11 13:56	1120766	GCN
1,1-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	12/27/11 12:30	12/27/11 13:56	1120766	GCN
cis-1,2-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	12/27/11 12:30	12/27/11 13:56	1120766	GCN



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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

December 29, 2011

Report No.: AUL0837  
Client ID: MW 3 122111  
Date/Time Sampled: 12/21/2011 2:50:00PM  
Matrix: Ground Water

Project: Medley, FL  
Lab Number ID: AUL0837-02  
Date/Time Received: 12/24/2011 10:25:00AM

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
<b>Volatile Organic Compounds by EPA 8260</b>										
trans-1,2-Dichloroethene	ND	2.0	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 13:56	1120766	GCN	
1,2-Dichloropropane	ND	2.0	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 13:56	1120766	GCN	
1,3-Dichloropropane	ND	2.0	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 13:56	1120766	GCN	
2,2-Dichloropropane	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 13:56	1120766	GCN	
1,1-Dichloropropene	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 13:56	1120766	GCN	
cis-1,3-Dichloropropene	ND	2.0	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 13:56	1120766	GCN	
trans-1,3-Dichloropropene	ND	2.0	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 13:56	1120766	GCN	
Ethylbenzene	ND	2.0	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 13:56	1120766	GCN	
Ethyl Methacrylate	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 13:56	1120766	GCN	
Hexachlorobutadiene	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 13:56	1120766	GCN	
p-Isopropyltoluene	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 13:56	1120766	GCN	
Hexachloroethane	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 13:56	1120766	GCN	
Iodomethane	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 13:56	1120766	GCN	
Isopropylbenzene	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 13:56	1120766	GCN	
Methacrylonitrile	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 13:56	1120766	GCN	
Methyl Acrylate	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 13:56	1120766	GCN	
Methyl Butyl Ketone (2-Hexanone)	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 13:56	1120766	GCN	
Methylene Chloride	ND	5.0	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 13:56	1120766	GCN	
Methyl Ethyl Ketone (2-Butanone)	ND	100	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 13:56	1120766	GCN	
Methyl Methacrylate	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 13:56	1120766	GCN	
4-Methyl-2-pentanone (MIBK)	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 13:56	1120766	GCN	
Methyl-tert-Butyl Ether	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 13:56	1120766	GCN	
Naphthalene	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 13:56	1120766	GCN	
2-Nitropropane	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 13:56	1120766	GCN	
Propionitrile (Ethyl Cyanide)	ND	20	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 13:56	1120766	GCN	
n-Propylbenzene	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 13:56	1120766	GCN	
Styrene	ND	5.0	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 13:56	1120766	GCN	
1,1,1,2-Tetrachloroethane	ND	2.0	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 13:56	1120766	GCN	
1,1,2,2-Tetrachloroethane	ND	2.0	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 13:56	1120766	GCN	
Tetrachloroethene	ND	2.0	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 13:56	1120766	GCN	
Toluene	ND	2.0	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 13:56	1120766	GCN	
1,2,3-Trichlorobenzene	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 13:56	1120766	GCN	
1,2,4-Trichlorobenzene	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 13:56	1120766	GCN	
1,1,1-Trichloroethane	ND	2.0	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 13:56	1120766	GCN	
1,1,2-Trichloroethane	ND	2.0	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 13:56	1120766	GCN	
Trichloroethene	ND	2.0	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 13:56	1120766	GCN	



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Environmental Monitoring & Laboratory Analysis  
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Safety-Kleen Corporation - Elgin  
1502 E. Villa Street  
Elgin IL, 60120  
Attention: Mr. Bob Schoepke

December 29, 2011

Report No.: AUL0837

Project: Medley, FL

Client ID: MW 3 122111

Lab Number ID: AUL0837-02

Date/Time Sampled: 12/21/2011 2:50:00PM

Date/Time Received: 12/24/2011 10:25:00AM

Matrix: Ground Water

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
<b>Volatile Organic Compounds by EPA 8260</b>										
Trichlorofluoromethane	ND	10	ug/L	EPA 8260B		1	12/27/11 12:30	12/27/11 13:56	1120766	GCN
1,2,3-Trichloropropane	ND	10	ug/L	EPA 8260B		1	12/27/11 12:30	12/27/11 13:56	1120766	GCN
1,2,4-Trimethylbenzene	ND	10	ug/L	EPA 8260B		1	12/27/11 12:30	12/27/11 13:56	1120766	GCN
1,3,5-Trimethylbenzene	ND	10	ug/L	EPA 8260B		1	12/27/11 12:30	12/27/11 13:56	1120766	GCN
Vinyl Acetate	ND	10	ug/L	EPA 8260B		1	12/27/11 12:30	12/27/11 13:56	1120766	GCN
Vinyl Chloride	ND	1.0	ug/L	EPA 8260B		1	12/27/11 12:30	12/27/11 13:56	1120766	GCN
m+p-Xylene	ND	5.0	ug/L	EPA 8260B		1	12/27/11 12:30	12/27/11 13:56	1120766	GCN
o-Xylene	ND	5.0	ug/L	EPA 8260B		1	12/27/11 12:30	12/27/11 13:56	1120766	GCN
Xylenes, total	ND	5.0	ug/L	EPA 8260B		1	12/27/11 12:30	12/27/11 13:56	1120766	GCN
Surrogate: Dibromofluoromethane	98 %	75-123		EPA 8260B			12/27/11 12:30	12/27/11 13:56	1120766	
Surrogate: 1,2-Dichloroethane-d4	106 %	72-120		EPA 8260B			12/27/11 12:30	12/27/11 13:56	1120766	
Surrogate: Toluene-d8	99 %	75-120		EPA 8260B			12/27/11 12:30	12/27/11 13:56	1120766	
Surrogate: 4-Bromofluorobenzene	100 %	80-120		EPA 8260B			12/27/11 12:30	12/27/11 13:56	1120766	



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Elgin IL, 60120  
Attention: Mr. Bob Schoepke

December 29, 2011

Report No.: AUL0837

Project: Medley, FL

Client ID: MW 4 122111

Lab Number ID: AUL0837-03

Date/Time Sampled: 12/21/2011 2:15:00PM

Date/Time Received: 12/24/2011 10:25:00AM

Matrix: Ground Water

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
<b>Volatile Organic Compounds by EPA 8260</b>										
Acetone	ND	100	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 14:23	1120766	GCN	
Acrolein	ND	50	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 14:23	1120766	GCN	
Acrylonitrile	ND	50	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 14:23	1120766	GCN	
Allyl Chloride (3-Chloropropylene)	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 14:23	1120766	GCN	
Benzene	ND	2.0	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 14:23	1120766	GCN	
Bromobenzene	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 14:23	1120766	GCN	
Bromoform	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 14:23	1120766	GCN	
Bromochloromethane	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 14:23	1120766	GCN	
Bromodichloromethane	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 14:23	1120766	GCN	
Bromoform	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 14:23	1120766	GCN	
Bromomethane	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 14:23	1120766	GCN	
n-Butylbenzene	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 14:23	1120766	GCN	
sec-Butylbenzene	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 14:23	1120766	GCN	
tert-Butylbenzene	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 14:23	1120766	GCN	
Carbon Disulfide	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 14:23	1120766	GCN	
Carbon Tetrachloride	ND	2.0	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 14:23	1120766	GCN	
Chlorobenzene	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 14:23	1120766	GCN	
1-Chlorobutane	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 14:23	1120766	GCN	
Chloroethane	ND	5.0	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 14:23	1120766	GCN	
2-Chloroethyl Vinyl Ether	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 14:23	1120766	GCN	
Chloroform	ND	2.0	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 14:23	1120766	GCN	
Chloromethane	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 14:23	1120766	GCN	
2-Chlorotoluene	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 14:23	1120766	GCN	
4-Chlorotoluene	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 14:23	1120766	GCN	
Dibromochloromethane	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 14:23	1120766	GCN	
1,2-Dibromo-3-chloropropane	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 14:23	1120766	GCN	
1,2-Dibromoethane	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 14:23	1120766	GCN	
Dibromomethane	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 14:23	1120766	GCN	
1,2-Dichlorobenzene	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 14:23	1120766	GCN	
1,3-Dichlorobenzene	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 14:23	1120766	GCN	
1,4-Dichlorobenzene	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 14:23	1120766	GCN	
trans-1,4-Dichloro-2-butene	ND	5.0	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 14:23	1120766	GCN	
Dichlorodifluoromethane	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 14:23	1120766	GCN	
1,1-Dichloroethane	ND	2.0	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 14:23	1120766	GCN	
1,2-Dichloroethane	ND	2.0	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 14:23	1120766	GCN	
1,1-Dichloroethene	ND	2.0	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 14:23	1120766	GCN	
cis-1,2-Dichloroethene	ND	2.0	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 14:23	1120766	GCN	



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Attention: Mr. Bob Schoepke

December 29, 2011

Report No.: AUL0837  
Client ID: MW 4 122111  
Date/Time Sampled: 12/21/2011 2:15:00PM  
Matrix: Ground Water

Project: Medley, FL  
Lab Number ID: AUL0837-03  
Date/Time Received: 12/24/2011 10:25:00AM

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
<b>Volatile Organic Compounds by EPA 8260</b>										
trans-1,2-Dichloroethene	ND	2.0	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 14:23	1120766	GCN	
1,2-Dichloropropane	ND	2.0	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 14:23	1120766	GCN	
1,3-Dichloropropane	ND	2.0	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 14:23	1120766	GCN	
2,2-Dichloropropane	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 14:23	1120766	GCN	
1,1-Dichloropropene	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 14:23	1120766	GCN	
cis-1,3-Dichloropropene	ND	2.0	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 14:23	1120766	GCN	
trans-1,3-Dichloropropene	ND	2.0	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 14:23	1120766	GCN	
Ethylbenzene	ND	2.0	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 14:23	1120766	GCN	
Ethyl Methacrylate	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 14:23	1120766	GCN	
Hexachlorobutadiene	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 14:23	1120766	GCN	
p-Isopropyltoluene	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 14:23	1120766	GCN	
Hexachloroethane	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 14:23	1120766	GCN	
Iodomethane	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 14:23	1120766	GCN	
Isopropylbenzene	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 14:23	1120766	GCN	
Methacrylonitrile	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 14:23	1120766	GCN	
Methyl Acrylate	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 14:23	1120766	GCN	
Methyl Butyl Ketone (2-Hexanone)	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 14:23	1120766	GCN	
Methylene Chloride	ND	5.0	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 14:23	1120766	GCN	
Methyl Ethyl Ketone (2-Butanone)	ND	100	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 14:23	1120766	GCN	
Methyl Methacrylate	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 14:23	1120766	GCN	
4-Methyl-2-pentanone (MIBK)	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 14:23	1120766	GCN	
Methyl-tert-Butyl Ether	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 14:23	1120766	GCN	
Naphthalene	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 14:23	1120766	GCN	
2-Nitropropane	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 14:23	1120766	GCN	
Propionitrile (Ethyl Cyanide)	ND	20	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 14:23	1120766	GCN	
n-Propylbenzene	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 14:23	1120766	GCN	
Styrene	ND	5.0	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 14:23	1120766	GCN	
1,1,1,2-Tetrachloroethane	ND	2.0	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 14:23	1120766	GCN	
1,1,2,2-Tetrachloroethane	ND	2.0	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 14:23	1120766	GCN	
Tetrachloroethene	ND	2.0	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 14:23	1120766	GCN	
Toluene	ND	2.0	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 14:23	1120766	GCN	
1,2,3-Trichlorobenzene	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 14:23	1120766	GCN	
1,2,4-Trichlorobenzene	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 14:23	1120766	GCN	
1,1,1-Trichloroethane	ND	2.0	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 14:23	1120766	GCN	
1,1,2-Trichloroethane	ND	2.0	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 14:23	1120766	GCN	
Trichloroethene	ND	2.0	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 14:23	1120766	GCN	



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Attention: Mr. Bob Schoepke

December 29, 2011

Report No.: AUL0837

Project: Medley, FL

Client ID: MW 4 122111

Lab Number ID: AUL0837-03

Date/Time Sampled: 12/21/2011 2:15:00PM

Date/Time Received: 12/24/2011 10:25:00AM

Matrix: Ground Water

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
<b>Volatile Organic Compounds by EPA 8260</b>										
Trichlorofluoromethane	ND	10	ug/L	EPA 8260B		1	12/27/11 12:30	12/27/11 14:23	1120766	GCN
1,2,3-Trichloropropane	ND	10	ug/L	EPA 8260B		1	12/27/11 12:30	12/27/11 14:23	1120766	GCN
1,2,4-Trimethylbenzene	ND	10	ug/L	EPA 8260B		1	12/27/11 12:30	12/27/11 14:23	1120766	GCN
1,3,5-Trimethylbenzene	ND	10	ug/L	EPA 8260B		1	12/27/11 12:30	12/27/11 14:23	1120766	GCN
Vinyl Acetate	ND	10	ug/L	EPA 8260B		1	12/27/11 12:30	12/27/11 14:23	1120766	GCN
Vinyl Chloride	ND	1.0	ug/L	EPA 8260B		1	12/27/11 12:30	12/27/11 14:23	1120766	GCN
m+p-Xylene	ND	5.0	ug/L	EPA 8260B		1	12/27/11 12:30	12/27/11 14:23	1120766	GCN
o-Xylene	ND	5.0	ug/L	EPA 8260B		1	12/27/11 12:30	12/27/11 14:23	1120766	GCN
Xylenes, total	ND	5.0	ug/L	EPA 8260B		1	12/27/11 12:30	12/27/11 14:23	1120766	GCN
Surrogate: Dibromofluoromethane	99 %	75-123		EPA 8260B			12/27/11 12:30	12/27/11 14:23	1120766	
Surrogate: 1,2-Dichloroethane-d4	104 %	72-120		EPA 8260B			12/27/11 12:30	12/27/11 14:23	1120766	
Surrogate: Toluene-d8	101 %	75-120		EPA 8260B			12/27/11 12:30	12/27/11 14:23	1120766	
Surrogate: 4-Bromofluorobenzene	98 %	80-120		EPA 8260B			12/27/11 12:30	12/27/11 14:23	1120766	



# 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

December 29, 2011

Report No.: AUL0837  
Client ID: MW 1 122111  
Date/Time Sampled: 12/21/2011 4:15:00PM  
Matrix: Ground Water

Project: Medley, FL  
Lab Number ID: AUL0837-04  
Date/Time Received: 12/24/2011 10:25:00AM

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
<b>Volatile Organic Compounds by EPA 8260</b>										
Acetone	ND	100	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 14:50	1120766	GCN	
Acrolein	ND	50	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 14:50	1120766	GCN	
Acrylonitrile	ND	50	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 14:50	1120766	GCN	
Allyl Chloride (3-Chloropropylene)	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 14:50	1120766	GCN	
Benzene	ND	2.0	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 14:50	1120766	GCN	
Bromobenzene	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 14:50	1120766	GCN	
Bromoform	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 14:50	1120766	GCN	
Bromochloromethane	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 14:50	1120766	GCN	
Bromodichloromethane	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 14:50	1120766	GCN	
Bromoform	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 14:50	1120766	GCN	
Bromomethane	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 14:50	1120766	GCN	
n-Butylbenzene	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 14:50	1120766	GCN	
sec-Butylbenzene	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 14:50	1120766	GCN	
tert-Butylbenzene	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 14:50	1120766	GCN	
Carbon Disulfide	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 14:50	1120766	GCN	
Carbon Tetrachloride	ND	2.0	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 14:50	1120766	GCN	
Chlorobenzene	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 14:50	1120766	GCN	
1-Chlorobutane	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 14:50	1120766	GCN	
Chloroethane	ND	5.0	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 14:50	1120766	GCN	
2-Chloroethyl Vinyl Ether	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 14:50	1120766	GCN	
Chloroform	ND	2.0	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 14:50	1120766	GCN	
Chloromethane	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 14:50	1120766	GCN	
2-Chlorotoluene	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 14:50	1120766	GCN	
4-Chlorotoluene	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 14:50	1120766	GCN	
Dibromochloromethane	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 14:50	1120766	GCN	
1,2-Dibromo-3-chloropropane	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 14:50	1120766	GCN	
1,2-Dibromoethane	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 14:50	1120766	GCN	
Dibromomethane	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 14:50	1120766	GCN	
1,2-Dichlorobenzene	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 14:50	1120766	GCN	
1,3-Dichlorobenzene	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 14:50	1120766	GCN	
1,4-Dichlorobenzene	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 14:50	1120766	GCN	
trans-1,4-Dichloro-2-butene	ND	5.0	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 14:50	1120766	GCN	
Dichlorodifluoromethane	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 14:50	1120766	GCN	
1,1-Dichloroethane	ND	2.0	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 14:50	1120766	GCN	
1,2-Dichloroethane	ND	2.0	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 14:50	1120766	GCN	
1,1-Dichloroethene	ND	2.0	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 14:50	1120766	GCN	
cis-1,2-Dichloroethene	ND	2.0	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 14:50	1120766	GCN	



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Safety-Kleen Corporation - Elgin  
1502 E. Villa Street  
Elgin IL, 60120  
Attention: Mr. Bob Schoepke

December 29, 2011

Report No.: AUL0837  
Client ID: MW 1 122111  
Date/Time Sampled: 12/21/2011 4:15:00PM  
Matrix: Ground Water

Project: Medley, FL  
Lab Number ID: AUL0837-04  
Date/Time Received: 12/24/2011 10:25:00AM

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
<b>Volatile Organic Compounds by EPA 8260</b>										
trans-1,2-Dichloroethene	ND	2.0	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 14:50	1120766	GCN	
1,2-Dichloropropane	ND	2.0	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 14:50	1120766	GCN	
1,3-Dichloropropane	ND	2.0	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 14:50	1120766	GCN	
2,2-Dichloropropane	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 14:50	1120766	GCN	
1,1-Dichloropropene	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 14:50	1120766	GCN	
cis-1,3-Dichloropropene	ND	2.0	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 14:50	1120766	GCN	
trans-1,3-Dichloropropene	ND	2.0	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 14:50	1120766	GCN	
Ethylbenzene	ND	2.0	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 14:50	1120766	GCN	
Ethyl Methacrylate	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 14:50	1120766	GCN	
Hexachlorobutadiene	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 14:50	1120766	GCN	
p-Isopropyltoluene	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 14:50	1120766	GCN	
Hexachloroethane	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 14:50	1120766	GCN	
Iodomethane	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 14:50	1120766	GCN	
Isopropylbenzene	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 14:50	1120766	GCN	
Methacrylonitrile	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 14:50	1120766	GCN	
Methyl Acrylate	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 14:50	1120766	GCN	
Methyl Butyl Ketone (2-Hexanone)	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 14:50	1120766	GCN	
Methylene Chloride	ND	5.0	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 14:50	1120766	GCN	
Methyl Ethyl Ketone (2-Butanone)	ND	100	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 14:50	1120766	GCN	
Methyl Methacrylate	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 14:50	1120766	GCN	
4-Methyl-2-pentanone (MIBK)	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 14:50	1120766	GCN	
Methyl-tert-Butyl Ether	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 14:50	1120766	GCN	
Naphthalene	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 14:50	1120766	GCN	
2-Nitropropane	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 14:50	1120766	GCN	
Propionitrile (Ethyl Cyanide)	ND	20	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 14:50	1120766	GCN	
n-Propylbenzene	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 14:50	1120766	GCN	
Styrene	ND	5.0	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 14:50	1120766	GCN	
1,1,1,2-Tetrachloroethane	ND	2.0	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 14:50	1120766	GCN	
1,1,2,2-Tetrachloroethane	ND	2.0	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 14:50	1120766	GCN	
Tetrachloroethene	ND	2.0	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 14:50	1120766	GCN	
Toluene	ND	2.0	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 14:50	1120766	GCN	
1,2,3-Trichlorobenzene	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 14:50	1120766	GCN	
1,2,4-Trichlorobenzene	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 14:50	1120766	GCN	
1,1,1-Trichloroethane	ND	2.0	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 14:50	1120766	GCN	
1,1,2-Trichloroethane	ND	2.0	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 14:50	1120766	GCN	
Trichloroethene	ND	2.0	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 14:50	1120766	GCN	



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Attention: Mr. Bob Schoepke

December 29, 2011

Report No.: AUL0837

Project: Medley, FL

Client ID: MW 1 122111

Lab Number ID: AUL0837-04

Date/Time Sampled: 12/21/2011 4:15:00PM

Date/Time Received: 12/24/2011 10:25:00AM

Matrix: Ground Water

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
<b>Volatile Organic Compounds by EPA 8260</b>										
Trichlorofluoromethane	ND	10	ug/L	EPA 8260B		1	12/27/11 12:30	12/27/11 14:50	1120766	GCN
1,2,3-Trichloropropane	ND	10	ug/L	EPA 8260B		1	12/27/11 12:30	12/27/11 14:50	1120766	GCN
1,2,4-Trimethylbenzene	ND	10	ug/L	EPA 8260B		1	12/27/11 12:30	12/27/11 14:50	1120766	GCN
1,3,5-Trimethylbenzene	ND	10	ug/L	EPA 8260B		1	12/27/11 12:30	12/27/11 14:50	1120766	GCN
Vinyl Acetate	ND	10	ug/L	EPA 8260B		1	12/27/11 12:30	12/27/11 14:50	1120766	GCN
Vinyl Chloride	ND	1.0	ug/L	EPA 8260B		1	12/27/11 12:30	12/27/11 14:50	1120766	GCN
m+p-Xylene	ND	5.0	ug/L	EPA 8260B		1	12/27/11 12:30	12/27/11 14:50	1120766	GCN
o-Xylene	ND	5.0	ug/L	EPA 8260B		1	12/27/11 12:30	12/27/11 14:50	1120766	GCN
Xylenes, total	ND	5.0	ug/L	EPA 8260B		1	12/27/11 12:30	12/27/11 14:50	1120766	GCN
Surrogate: Dibromofluoromethane	98 %	75-123		EPA 8260B			12/27/11 12:30	12/27/11 14:50	1120766	
Surrogate: 1,2-Dichloroethane-d4	104 %	72-120		EPA 8260B			12/27/11 12:30	12/27/11 14:50	1120766	
Surrogate: Toluene-d8	100 %	75-120		EPA 8260B			12/27/11 12:30	12/27/11 14:50	1120766	
Surrogate: 4-Bromofluorobenzene	102 %	80-120		EPA 8260B			12/27/11 12:30	12/27/11 14:50	1120766	



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1502 E. Villa Street  
Elgin IL, 60120  
Attention: Mr. Bob Schoepke

December 29, 2011

Report No.: AUL0837

Project: Medley, FL

Client ID: Trip Blank

Lab Number ID: AUL0837-05

Date/Time Sampled: 12/21/2011 12:00:00AM

Date/Time Received: 12/24/2011 10:25:00AM

Matrix: Water

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
<b>Volatile Organic Compounds by EPA 8260</b>										
Acetone	ND	100	ug/L	EPA 8260B		1	12/27/11 12:30	12/27/11 13:00	1120766	GCN
Acrolein	ND	50	ug/L	EPA 8260B		1	12/27/11 12:30	12/27/11 13:00	1120766	GCN
Acrylonitrile	ND	50	ug/L	EPA 8260B		1	12/27/11 12:30	12/27/11 13:00	1120766	GCN
Allyl Chloride (3-Chloropropylene)	ND	10	ug/L	EPA 8260B		1	12/27/11 12:30	12/27/11 13:00	1120766	GCN
Benzene	ND	2.0	ug/L	EPA 8260B		1	12/27/11 12:30	12/27/11 13:00	1120766	GCN
Bromobenzene	ND	10	ug/L	EPA 8260B		1	12/27/11 12:30	12/27/11 13:00	1120766	GCN
Bromoform	ND	10	ug/L	EPA 8260B		1	12/27/11 12:30	12/27/11 13:00	1120766	GCN
Bromochloromethane	ND	10	ug/L	EPA 8260B		1	12/27/11 12:30	12/27/11 13:00	1120766	GCN
Bromodichloromethane	ND	10	ug/L	EPA 8260B		1	12/27/11 12:30	12/27/11 13:00	1120766	GCN
Bromoform	ND	10	ug/L	EPA 8260B		1	12/27/11 12:30	12/27/11 13:00	1120766	GCN
Bromomethane	ND	10	ug/L	EPA 8260B		1	12/27/11 12:30	12/27/11 13:00	1120766	GCN
n-Butylbenzene	ND	10	ug/L	EPA 8260B		1	12/27/11 12:30	12/27/11 13:00	1120766	GCN
sec-Butylbenzene	ND	10	ug/L	EPA 8260B		1	12/27/11 12:30	12/27/11 13:00	1120766	GCN
tert-Butylbenzene	ND	10	ug/L	EPA 8260B		1	12/27/11 12:30	12/27/11 13:00	1120766	GCN
Carbon Disulfide	ND	10	ug/L	EPA 8260B		1	12/27/11 12:30	12/27/11 13:00	1120766	GCN
Carbon Tetrachloride	ND	2.0	ug/L	EPA 8260B		1	12/27/11 12:30	12/27/11 13:00	1120766	GCN
Chlorobenzene	ND	10	ug/L	EPA 8260B		1	12/27/11 12:30	12/27/11 13:00	1120766	GCN
1-Chlorobutane	ND	10	ug/L	EPA 8260B		1	12/27/11 12:30	12/27/11 13:00	1120766	GCN
Chloroethane	ND	5.0	ug/L	EPA 8260B		1	12/27/11 12:30	12/27/11 13:00	1120766	GCN
2-Chloroethyl Vinyl Ether	ND	10	ug/L	EPA 8260B		1	12/27/11 12:30	12/27/11 13:00	1120766	GCN
Chloroform	ND	2.0	ug/L	EPA 8260B		1	12/27/11 12:30	12/27/11 13:00	1120766	GCN
Chloromethane	ND	10	ug/L	EPA 8260B		1	12/27/11 12:30	12/27/11 13:00	1120766	GCN
2-Chlorotoluene	ND	10	ug/L	EPA 8260B		1	12/27/11 12:30	12/27/11 13:00	1120766	GCN
4-Chlorotoluene	ND	10	ug/L	EPA 8260B		1	12/27/11 12:30	12/27/11 13:00	1120766	GCN
Dibromochloromethane	ND	10	ug/L	EPA 8260B		1	12/27/11 12:30	12/27/11 13:00	1120766	GCN
1,2-Dibromo-3-chloropropane	ND	10	ug/L	EPA 8260B		1	12/27/11 12:30	12/27/11 13:00	1120766	GCN
1,2-Dibromoethane	ND	10	ug/L	EPA 8260B		1	12/27/11 12:30	12/27/11 13:00	1120766	GCN
Dibromomethane	ND	10	ug/L	EPA 8260B		1	12/27/11 12:30	12/27/11 13:00	1120766	GCN
1,2-Dichlorobenzene	ND	10	ug/L	EPA 8260B		1	12/27/11 12:30	12/27/11 13:00	1120766	GCN
1,3-Dichlorobenzene	ND	10	ug/L	EPA 8260B		1	12/27/11 12:30	12/27/11 13:00	1120766	GCN
1,4-Dichlorobenzene	ND	10	ug/L	EPA 8260B		1	12/27/11 12:30	12/27/11 13:00	1120766	GCN
trans-1,4-Dichloro-2-butene	ND	5.0	ug/L	EPA 8260B		1	12/27/11 12:30	12/27/11 13:00	1120766	GCN
Dichlorodifluoromethane	ND	10	ug/L	EPA 8260B		1	12/27/11 12:30	12/27/11 13:00	1120766	GCN
1,1-Dichloroethane	ND	2.0	ug/L	EPA 8260B		1	12/27/11 12:30	12/27/11 13:00	1120766	GCN
1,2-Dichloroethane	ND	2.0	ug/L	EPA 8260B		1	12/27/11 12:30	12/27/11 13:00	1120766	GCN
1,1-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	12/27/11 12:30	12/27/11 13:00	1120766	GCN
cis-1,2-Dichloroethene	ND	2.0	ug/L	EPA 8260B		1	12/27/11 12:30	12/27/11 13:00	1120766	GCN



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Elgin IL, 60120  
Attention: Mr. Bob Schoepke

December 29, 2011

Report No.: AUL0837

Project: Medley, FL

Client ID: Trip Blank

Lab Number ID: AUL0837-05

Date/Time Sampled: 12/21/2011 12:00:00AM

Date/Time Received: 12/24/2011 10:25:00AM

Matrix: Water

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
<b>Volatile Organic Compounds by EPA 8260</b>										
trans-1,2-Dichloroethene	ND	2.0	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 13:00	1120766	GCN	
1,2-Dichloropropane	ND	2.0	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 13:00	1120766	GCN	
1,3-Dichloropropane	ND	2.0	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 13:00	1120766	GCN	
2,2-Dichloropropane	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 13:00	1120766	GCN	
1,1-Dichloropropene	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 13:00	1120766	GCN	
cis-1,3-Dichloropropene	ND	2.0	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 13:00	1120766	GCN	
trans-1,3-Dichloropropene	ND	2.0	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 13:00	1120766	GCN	
Ethylbenzene	ND	2.0	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 13:00	1120766	GCN	
Ethyl Methacrylate	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 13:00	1120766	GCN	
Hexachlorobutadiene	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 13:00	1120766	GCN	
p-Isopropyltoluene	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 13:00	1120766	GCN	
Hexachloroethane	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 13:00	1120766	GCN	
Iodomethane	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 13:00	1120766	GCN	
Isopropylbenzene	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 13:00	1120766	GCN	
Methacrylonitrile	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 13:00	1120766	GCN	
Methyl Acrylate	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 13:00	1120766	GCN	
Methyl Butyl Ketone (2-Hexanone)	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 13:00	1120766	GCN	
Methylene Chloride	ND	5.0	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 13:00	1120766	GCN	
Methyl Ethyl Ketone (2-Butanone)	ND	100	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 13:00	1120766	GCN	
Methyl Methacrylate	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 13:00	1120766	GCN	
4-Methyl-2-pentanone (MIBK)	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 13:00	1120766	GCN	
Methyl-tert-Butyl Ether	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 13:00	1120766	GCN	
Naphthalene	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 13:00	1120766	GCN	
2-Nitropropane	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 13:00	1120766	GCN	
Propionitrile (Ethyl Cyanide)	ND	20	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 13:00	1120766	GCN	
n-Propylbenzene	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 13:00	1120766	GCN	
Styrene	ND	5.0	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 13:00	1120766	GCN	
1,1,1,2-Tetrachloroethane	ND	2.0	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 13:00	1120766	GCN	
1,1,2,2-Tetrachloroethane	ND	2.0	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 13:00	1120766	GCN	
Tetrachloroethene	ND	2.0	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 13:00	1120766	GCN	
Toluene	ND	2.0	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 13:00	1120766	GCN	
1,2,3-Trichlorobenzene	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 13:00	1120766	GCN	
1,2,4-Trichlorobenzene	ND	10	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 13:00	1120766	GCN	
1,1,1-Trichloroethane	ND	2.0	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 13:00	1120766	GCN	
1,1,2-Trichloroethane	ND	2.0	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 13:00	1120766	GCN	
Trichloroethene	ND	2.0	ug/L	EPA 8260B	1	12/27/11 12:30	12/27/11 13:00	1120766	GCN	



# 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

December 29, 2011

Report No.: AUL0837

Project: Medley, FL

Client ID: Trip Blank

Lab Number ID: AUL0837-05

Date/Time Sampled: 12/21/2011 12:00:00AM

Date/Time Received: 12/24/2011 10:25:00AM

Matrix: Water

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
<b>Volatile Organic Compounds by EPA 8260</b>										
Trichlorofluoromethane	ND	10	ug/L	EPA 8260B		1	12/27/11 12:30	12/27/11 13:00	1120766	GCN
1,2,3-Trichloropropane	ND	10	ug/L	EPA 8260B		1	12/27/11 12:30	12/27/11 13:00	1120766	GCN
1,2,4-Trimethylbenzene	ND	10	ug/L	EPA 8260B		1	12/27/11 12:30	12/27/11 13:00	1120766	GCN
1,3,5-Trimethylbenzene	ND	10	ug/L	EPA 8260B		1	12/27/11 12:30	12/27/11 13:00	1120766	GCN
Vinyl Acetate	ND	10	ug/L	EPA 8260B		1	12/27/11 12:30	12/27/11 13:00	1120766	GCN
Vinyl Chloride	ND	1.0	ug/L	EPA 8260B		1	12/27/11 12:30	12/27/11 13:00	1120766	GCN
m+p-Xylene	ND	5.0	ug/L	EPA 8260B		1	12/27/11 12:30	12/27/11 13:00	1120766	GCN
o-Xylene	ND	5.0	ug/L	EPA 8260B		1	12/27/11 12:30	12/27/11 13:00	1120766	GCN
Xylenes, total	ND	5.0	ug/L	EPA 8260B		1	12/27/11 12:30	12/27/11 13:00	1120766	GCN
Surrogate: Dibromofluoromethane	98 %	75-123		EPA 8260B			12/27/11 12:30	12/27/11 13:00	1120766	
Surrogate: 1,2-Dichloroethane-d4	102 %	72-120		EPA 8260B			12/27/11 12:30	12/27/11 13:00	1120766	
Surrogate: Toluene-d8	98 %	75-120		EPA 8260B			12/27/11 12:30	12/27/11 13:00	1120766	
Surrogate: 4-Bromofluorobenzene	97 %	80-120		EPA 8260B			12/27/11 12:30	12/27/11 13:00	1120766	



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1502 E. Villa Street  
Elgin IL, 60120  
Attention: Mr. Bob Schoepke

December 29, 2011

**Report No.: AUL0837**

## Volatile Organic Compounds by EPA 8260 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
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### Batch 1120766 - EPA 5030B

Blank (1120766-BLK1)	Prepared & Analyzed: 12/27/11								
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Acetone	ND	100	ug/L							
Acrolein	ND	50	ug/L							
Acrylonitrile	ND	50	ug/L							
Allyl Chloride (3-Chloropropylene)	ND	10	ug/L							
Benzene	ND	2.0	ug/L							
Bromobenzene	ND	10	ug/L							
Bromochloromethane	ND	10	ug/L							
Bromodichloromethane	ND	10	ug/L							
Bromoform	ND	10	ug/L							
Bromomethane	ND	10	ug/L							
n-Butylbenzene	ND	10	ug/L							
sec-Butylbenzene	ND	10	ug/L							
tert-Butylbenzene	ND	10	ug/L							
Carbon Disulfide	ND	10	ug/L							
Carbon Tetrachloride	ND	2.0	ug/L							
Chlorobenzene	ND	10	ug/L							
1-Chlorobutane	ND	10	ug/L							
Chloroethane	ND	5.0	ug/L							
2-Chloroethyl Vinyl Ether	ND	10	ug/L							
Chloroform	ND	2.0	ug/L							
Chloromethane	ND	10	ug/L							
2-Chlorotoluene	ND	10	ug/L							
4-Chlorotoluene	ND	10	ug/L							
Dibromochloromethane	ND	10	ug/L							
1,2-Dibromo-3-chloropropane	ND	10	ug/L							
1,2-Dibromoethane	ND	10	ug/L							
Dibromomethane	ND	10	ug/L							
1,2-Dichlorobenzene	ND	10	ug/L							
1,3-Dichlorobenzene	ND	10	ug/L							
1,4-Dichlorobenzene	ND	10	ug/L							
trans-1,4-Dichloro-2-butene	ND	5.0	ug/L							
Dichlorodifluoromethane	ND	10	ug/L							
1,1-Dichloroethane	ND	2.0	ug/L							
1,2-Dichloroethane	ND	2.0	ug/L							
1,1-Dichloroethene	ND	2.0	ug/L							
cis-1,2-Dichloroethene	ND	2.0	ug/L							
trans-1,2-Dichloroethene	ND	2.0	ug/L							
1,2-Dichloropropane	ND	2.0	ug/L							
1,3-Dichloropropane	ND	2.0	ug/L							
2,2-Dichloropropane	ND	10	ug/L							
1,1-Dichloropropene	ND	10	ug/L							



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1502 E. Villa Street  
Elgin IL, 60120  
Attention: Mr. Bob Schoepke

December 29, 2011

Report No.: AUL0837

## Volatile Organic Compounds by EPA 8260 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
<b>Batch 1120766 - EPA 5030B</b>										
<b>Blank (1120766-BLK1)</b>										
Prepared & Analyzed: 12/27/11										
cis-1,3-Dichloropropene	ND	2.0	ug/L							
trans-1,3-Dichloropropene	ND	2.0	ug/L							
Ethylbenzene	ND	2.0	ug/L							
Ethyl Methacrylate	ND	10	ug/L							
Hexachlorobutadiene	ND	10	ug/L							
p-Isopropyltoluene	ND	10	ug/L							
Hexachloroethane	ND	10	ug/L							
Iodomethane	ND	10	ug/L							
Isopropylbenzene	ND	10	ug/L							
Methacrylonitrile	ND	10	ug/L							
Methyl Acrylate	ND	10	ug/L							
Methyl Butyl Ketone (2-Hexanone)	ND	10	ug/L							
Methylene Chloride	ND	5.0	ug/L							
Methyl Ethyl Ketone (2-Butanone)	ND	100	ug/L							
Methyl Methacrylate	ND	10	ug/L							
4-Methyl-2-pentanone (MIBK)	ND	10	ug/L							
Methyl-tert-Butyl Ether	ND	10	ug/L							
Naphthalene	ND	10	ug/L							
2-Nitropropane	ND	10	ug/L							
Propionitrile (Ethyl Cyanide)	ND	20	ug/L							
n-Propylbenzene	ND	10	ug/L							
Styrene	ND	5.0	ug/L							
1,1,1,2-Tetrachloroethane	ND	2.0	ug/L							
1,1,2,2-Tetrachloroethane	ND	2.0	ug/L							
Tetrachloroethene	ND	2.0	ug/L							
Toluene	ND	2.0	ug/L							
1,2,3-Trichlorobenzene	ND	10	ug/L							
1,2,4-Trichlorobenzene	ND	10	ug/L							
1,1,1-Trichloroethane	ND	2.0	ug/L							
1,1,2-Trichloroethane	ND	2.0	ug/L							
Trichloroethene	ND	2.0	ug/L							
Trichlorofluoromethane	ND	10	ug/L							
1,2,3-Trichloropropane	ND	10	ug/L							
1,2,4-Trimethylbenzene	ND	10	ug/L							
1,3,5-Trimethylbenzene	ND	10	ug/L							
Vinyl Acetate	ND	10	ug/L							
Vinyl Chloride	ND	1.0	ug/L							
m+p-Xylene	ND	5.0	ug/L							
o-Xylene	ND	5.0	ug/L							
Xylenes, total	ND	5.0	ug/L							
Surrogate: Dibromofluoromethane	48		ug/L	50.000		97	75-123			



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1502 E. Villa Street  
Elgin IL, 60120  
Attention: Mr. Bob Schoepke

December 29, 2011

Report No.: AUL0837

## Volatile Organic Compounds by EPA 8260 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
<b>Batch 1120766 - EPA 5030B</b>										
<b>Blank (1120766-BLK1)</b>										
Surrogate: 1,2-Dichloroethane-d4	51		ug/L	50.000		102	72-120			
Surrogate: Toluene-d8	49		ug/L	50.000		99	75-120			
Surrogate: 4-Bromofluorobenzene	49		ug/L	50.000		99	80-120			
<b>LCS (1120766-BS1)</b>										
Benzene	44		ug/L	50.000		88	80-120			
Chlorobenzene	45		ug/L	50.000		90	80-120			
1,1-Dichloroethene	45		ug/L	50.000		89	77-121			
Toluene	43		ug/L	50.000		85	78-120			
Trichloroethene	47		ug/L	50.000		94	80-122			
Surrogate: Dibromofluoromethane	49		ug/L	50.000		97	75-123			
Surrogate: 1,2-Dichloroethane-d4	50		ug/L	50.000		100	72-120			
Surrogate: Toluene-d8	50		ug/L	50.000		100	75-120			
Surrogate: 4-Bromofluorobenzene	49		ug/L	50.000		97	80-120			
<b>Matrix Spike (1120766-MS1)</b>										
Benzene	53		ug/L	50.000	ND	106	80-123			
Chlorobenzene	51		ug/L	50.000	ND	102	75-120			
1,1-Dichloroethene	53		ug/L	50.000	ND	106	80-120			
Toluene	50		ug/L	50.000	ND	99	80-120			
Trichloroethene	51		ug/L	50.000	ND	102	80-125			
Surrogate: Dibromofluoromethane	48		ug/L	50.000		97	75-123			
Surrogate: 1,2-Dichloroethane-d4	52		ug/L	50.000		104	72-120			
Surrogate: Toluene-d8	50		ug/L	50.000		99	75-120			
Surrogate: 4-Bromofluorobenzene	49		ug/L	50.000		98	80-120			
<b>Matrix Spike Dup (1120766-MSD1)</b>										
Benzene	54		ug/L	50.000	ND	108	80-123	2	9	
Chlorobenzene	53		ug/L	50.000	ND	106	75-120	4	13	
1,1-Dichloroethene	52		ug/L	50.000	ND	103	80-120	2	9	
Toluene	50		ug/L	50.000	ND	99	80-120	0.04	9	
Trichloroethene	54		ug/L	50.000	ND	109	80-125	7	11	
Surrogate: Dibromofluoromethane	48		ug/L	50.000		97	75-123			
Surrogate: 1,2-Dichloroethane-d4	50		ug/L	50.000		100	72-120			
Surrogate: Toluene-d8	49		ug/L	50.000		99	75-120			
Surrogate: 4-Bromofluorobenzene	48		ug/L	50.000		97	80-120			



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1502 E. Villa Street  
Elgin IL, 60120  
Attention: Mr. Bob Schoepke

December 29, 2011

## Laboratory Certifications

Code	Description	Number	Expires
LA	Louisiana	02069	06/30/2012
NC	North Carolina	381	12/31/2011
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



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December 29, 2011

## Legend

### Definition of Laboratory Terms

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

### Sample Information

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

Phthalic acid and phthalic anhydride are reported as dimethyl phthalate

Maleic acid and maleic anhydride are reported as dimethyl malate

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

### Definition of Qualifiers

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



# **ANALYTICAL SERVICES, INC.**

**Environmental Monitoring & Laboratory Analysis**  
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December 29, 2011



# ANALYTICAL SERVICES, INC.

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

## LOG-IN CHECKLIST

Printed: 12/29/2011 12:04:52PM

**Attn:** Mr. Bob Schoepke

**Client:** Safety-Kleen Corporation - Elgin

**Project:** Medley, FL

**Date Received:** 12/24/11 10:25

**Work Order:** AUL0837

**Logged In By:** Mohammad M. Rahman

### OBSERVATIONS

**#Samples:** 5                    **#Containers:** 15  
**Minimum Temp(C):** 2.0        **Maximum Temp(C):** 2.0        **Custody Seal(s) Used:** No

### CHECKLIST ITEMS

COC included with Samples	YES
Sample Container(s) Intact	YES
Chain of Custody Complete	YES
Sample Container(s) Match COC	YES
Custody seal Intact	NO
Temperature in Compliance	YES
Sufficient Sample Volume for Analysis	YES
Zero Headspace Maintained for VOA Analyses	YES
Samples labeled preserved (If Applicable)	YES
Samples received within Allowable Hold Times	YES
Samples Received on Ice	YES
Preservation Confirmed	YES

**Comments:**



# 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: AUI0545**

**September 30, 2011**

**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:

Elizabeth Bryant  
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.



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Attention: Mr. Bob Schoepke

September 30, 2011

## ANALYTICAL REPORT FOR SAMPLES

<u>Sample ID</u>	<u>Laboratory ID</u>	<u>Matrix</u>	<u>Date Sampled</u>	<u>Date Received</u>
MW-3 092111	AUI0545-01	Ground Water	09/21/11 13:40	09/22/11 09:00
MW-4 092111	AUI0545-02	Ground Water	09/21/11 13:55	09/22/11 09:00
MW-5 092111	AUI0545-03	Ground Water	09/21/11 14:36	09/22/11 09:00
MW-1 092111	AUI0545-04	Ground Water	09/21/11 14:55	09/22/11 09:00
Trip Blank	AUI0545-05	Water	09/21/11 00:00	09/22/11 09:00



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Safety-Kleen Corporation - Elgin  
1502 E. Villa Street  
Elgin IL, 60120  
Attention: Mr. Bob Schoepke

September 30, 2011

Report No.: AUI0545

Project: Medley, FL

Client ID: MW-3 092111

Lab Number ID: AUI0545-01

Date/Time Sampled: 9/21/2011 1:40:00PM

Date/Time Received: 9/22/2011 9:00:00AM

Matrix: Ground Water

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
<b>Volatile Organic Compounds by EPA 8260</b>										
Acetone	ND	100	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 14:52	1090514	CJH	
Acrolein	ND	50	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 14:52	1090514	CJH	
Acrylonitrile	ND	50	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 14:52	1090514	CJH	
Allyl Chloride (3-Chloropropylene)	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 14:52	1090514	CJH	
Benzene	ND	2.0	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 14:52	1090514	CJH	
Bromobenzene	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 14:52	1090514	CJH	
Bromoform	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 14:52	1090514	CJH	
Bromochloromethane	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 14:52	1090514	CJH	
Bromodichloromethane	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 14:52	1090514	CJH	
Bromoform	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 14:52	1090514	CJH	
Bromomethane	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 14:52	1090514	CJH	
n-Butylbenzene	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 14:52	1090514	CJH	
sec-Butylbenzene	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 14:52	1090514	CJH	
tert-Butylbenzene	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 14:52	1090514	CJH	
Carbon Disulfide	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 14:52	1090514	CJH	
Carbon Tetrachloride	ND	2.0	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 14:52	1090514	CJH	
Chlorobenzene	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 14:52	1090514	CJH	
1-Chlorobutane	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 14:52	1090514	CJH	
Chloroethane	ND	5.0	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 14:52	1090514	CJH	
2-Chloroethyl Vinyl Ether	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 14:52	1090514	CJH	
Chloroform	ND	2.0	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 14:52	1090514	CJH	
Chloromethane	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 14:52	1090514	CJH	
2-Chlorotoluene	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 14:52	1090514	CJH	
4-Chlorotoluene	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 14:52	1090514	CJH	
Dibromochloromethane	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 14:52	1090514	CJH	
1,2-Dibromo-3-chloropropane	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 14:52	1090514	CJH	
1,2-Dibromoethane	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 14:52	1090514	CJH	
Dibromomethane	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 14:52	1090514	CJH	
1,2-Dichlorobenzene	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 14:52	1090514	CJH	
1,3-Dichlorobenzene	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 14:52	1090514	CJH	
1,4-Dichlorobenzene	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 14:52	1090514	CJH	
trans-1,4-Dichloro-2-butene	ND	5.0	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 14:52	1090514	CJH	
Dichlorodifluoromethane	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 14:52	1090514	CJH	
1,1-Dichloroethane	ND	2.0	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 14:52	1090514	CJH	
1,2-Dichloroethane	ND	2.0	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 14:52	1090514	CJH	
1,1-Dichloroethene	ND	2.0	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 14:52	1090514	CJH	
cis-1,2-Dichloroethene	ND	2.0	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 14:52	1090514	CJH	



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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

September 30, 2011

Report No.: AUI0545

Project: Medley, FL

Client ID: MW-3 092111

Lab Number ID: AUI0545-01

Date/Time Sampled: 9/21/2011 1:40:00PM

Date/Time Received: 9/22/2011 9:00:00AM

Matrix: Ground Water

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
<b>Volatile Organic Compounds by EPA 8260</b>										
trans-1,2-Dichloroethene	ND	2.0	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 14:52	1090514	CJH	
1,2-Dichloropropane	ND	2.0	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 14:52	1090514	CJH	
1,3-Dichloropropane	ND	2.0	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 14:52	1090514	CJH	
2,2-Dichloropropane	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 14:52	1090514	CJH	
1,1-Dichloropropene	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 14:52	1090514	CJH	
cis-1,3-Dichloropropene	ND	2.0	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 14:52	1090514	CJH	
trans-1,3-Dichloropropene	ND	2.0	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 14:52	1090514	CJH	
Ethylbenzene	ND	2.0	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 14:52	1090514	CJH	
Ethyl Methacrylate	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 14:52	1090514	CJH	
Hexachlorobutadiene	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 14:52	1090514	CJH	
p-Isopropyltoluene	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 14:52	1090514	CJH	
Hexachloroethane	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 14:52	1090514	CJH	
Iodomethane	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 14:52	1090514	CJH	
Isopropylbenzene	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 14:52	1090514	CJH	
Methacrylonitrile	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 14:52	1090514	CJH	
Methyl Acrylate	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 14:52	1090514	CJH	
Methyl Butyl Ketone (2-Hexanone)	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 14:52	1090514	CJH	
Methylene Chloride	ND	5.0	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 14:52	1090514	CJH	
Methyl Ethyl Ketone (2-Butanone)	ND	100	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 14:52	1090514	CJH	
Methyl Methacrylate	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 14:52	1090514	CJH	
4-Methyl-2-pentanone (MIBK)	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 14:52	1090514	CJH	
Methyl-tert-Butyl Ether	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 14:52	1090514	CJH	
Naphthalene	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 14:52	1090514	CJH	
2-Nitropropane	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 14:52	1090514	CJH	
Propionitrile (Ethyl Cyanide)	ND	20	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 14:52	1090514	CJH	
n-Propylbenzene	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 14:52	1090514	CJH	
Styrene	ND	5.0	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 14:52	1090514	CJH	
1,1,1,2-Tetrachloroethane	ND	2.0	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 14:52	1090514	CJH	
1,1,2,2-Tetrachloroethane	ND	2.0	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 14:52	1090514	CJH	
Tetrachloroethene	ND	2.0	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 14:52	1090514	CJH	
Toluene	ND	2.0	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 14:52	1090514	CJH	
1,2,3-Trichlorobenzene	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 14:52	1090514	CJH	
1,2,4-Trichlorobenzene	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 14:52	1090514	CJH	
1,1,1-Trichloroethane	ND	2.0	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 14:52	1090514	CJH	
1,1,2-Trichloroethane	ND	2.0	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 14:52	1090514	CJH	
Trichloroethene	ND	2.0	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 14:52	1090514	CJH	



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Safety-Kleen Corporation - Elgin  
1502 E. Villa Street  
Elgin IL, 60120  
Attention: Mr. Bob Schoepke

September 30, 2011

Report No.: AUI0545

Project: Medley, FL

Client ID: MW-3 092111

Lab Number ID: AUI0545-01

Date/Time Sampled: 9/21/2011 1:40:00PM

Date/Time Received: 9/22/2011 9:00:00AM

Matrix: Ground Water

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
<b>Volatile Organic Compounds by EPA 8260</b>										
Trichlorofluoromethane	ND	10	ug/L	EPA 8260B		1	9/22/11 12:30	9/22/11 14:52	1090514	CJH
1,2,3-Trichloropropane	ND	10	ug/L	EPA 8260B		1	9/22/11 12:30	9/22/11 14:52	1090514	CJH
1,2,4-Trimethylbenzene	ND	10	ug/L	EPA 8260B		1	9/22/11 12:30	9/22/11 14:52	1090514	CJH
1,3,5-Trimethylbenzene	ND	10	ug/L	EPA 8260B		1	9/22/11 12:30	9/22/11 14:52	1090514	CJH
Vinyl Acetate	ND	10	ug/L	EPA 8260B		1	9/22/11 12:30	9/22/11 14:52	1090514	CJH
Vinyl Chloride	ND	1.0	ug/L	EPA 8260B		1	9/22/11 12:30	9/22/11 14:52	1090514	CJH
m+p-Xylene	ND	5.0	ug/L	EPA 8260B		1	9/22/11 12:30	9/22/11 14:52	1090514	CJH
o-Xylene	ND	5.0	ug/L	EPA 8260B		1	9/22/11 12:30	9/22/11 14:52	1090514	CJH
Xylenes, total	ND	5.0	ug/L	EPA 8260B		1	9/22/11 12:30	9/22/11 14:52	1090514	CJH
Surrogate: Dibromofluoromethane	105 %	75-123		EPA 8260B			9/22/11 12:30	9/22/11 14:52	1090514	
Surrogate: 1,2-Dichloroethane-d4	111 %	72-118		EPA 8260B			9/22/11 12:30	9/22/11 14:52	1090514	
Surrogate: Toluene-d8	103 %	75-112		EPA 8260B			9/22/11 12:30	9/22/11 14:52	1090514	
Surrogate: 4-Bromofluorobenzene	105 %	80-120		EPA 8260B			9/22/11 12:30	9/22/11 14:52	1090514	



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1502 E. Villa Street  
Elgin IL, 60120  
Attention: Mr. Bob Schoepke

September 30, 2011

Report No.: AUI0545

Project: Medley, FL

Client ID: MW-4 092111

Lab Number ID: AUI0545-02

Date/Time Sampled: 9/21/2011 1:55:00PM

Date/Time Received: 9/22/2011 9:00:00AM

Matrix: Ground Water

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
<b>Volatile Organic Compounds by EPA 8260</b>										
Acetone	ND	100	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 15:24	1090514	CJH	
Acrolein	ND	50	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 15:24	1090514	CJH	
Acrylonitrile	ND	50	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 15:24	1090514	CJH	
Allyl Chloride (3-Chloropropylene)	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 15:24	1090514	CJH	
Benzene	ND	2.0	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 15:24	1090514	CJH	
Bromobenzene	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 15:24	1090514	CJH	
Bromoform	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 15:24	1090514	CJH	
Bromochloromethane	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 15:24	1090514	CJH	
Bromodichloromethane	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 15:24	1090514	CJH	
Bromoform	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 15:24	1090514	CJH	
Bromomethane	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 15:24	1090514	CJH	
n-Butylbenzene	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 15:24	1090514	CJH	
sec-Butylbenzene	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 15:24	1090514	CJH	
tert-Butylbenzene	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 15:24	1090514	CJH	
Carbon Disulfide	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 15:24	1090514	CJH	
Carbon Tetrachloride	ND	2.0	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 15:24	1090514	CJH	
Chlorobenzene	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 15:24	1090514	CJH	
1-Chlorobutane	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 15:24	1090514	CJH	
Chloroethane	ND	5.0	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 15:24	1090514	CJH	
2-Chloroethyl Vinyl Ether	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 15:24	1090514	CJH	
Chloroform	ND	2.0	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 15:24	1090514	CJH	
Chloromethane	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 15:24	1090514	CJH	
2-Chlorotoluene	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 15:24	1090514	CJH	
4-Chlorotoluene	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 15:24	1090514	CJH	
Dibromochloromethane	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 15:24	1090514	CJH	
1,2-Dibromo-3-chloropropane	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 15:24	1090514	CJH	
1,2-Dibromoethane	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 15:24	1090514	CJH	
Dibromomethane	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 15:24	1090514	CJH	
1,2-Dichlorobenzene	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 15:24	1090514	CJH	
1,3-Dichlorobenzene	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 15:24	1090514	CJH	
1,4-Dichlorobenzene	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 15:24	1090514	CJH	
trans-1,4-Dichloro-2-butene	ND	5.0	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 15:24	1090514	CJH	
Dichlorodifluoromethane	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 15:24	1090514	CJH	
1,1-Dichloroethane	ND	2.0	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 15:24	1090514	CJH	
1,2-Dichloroethane	ND	2.0	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 15:24	1090514	CJH	
1,1-Dichloroethene	ND	2.0	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 15:24	1090514	CJH	
cis-1,2-Dichloroethene	ND	2.0	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 15:24	1090514	CJH	



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Attention: Mr. Bob Schoepke

September 30, 2011

Report No.: AUI0545

Project: Medley, FL

Client ID: MW-4 092111

Lab Number ID: AUI0545-02

Date/Time Sampled: 9/21/2011 1:55:00PM

Date/Time Received: 9/22/2011 9:00:00AM

Matrix: Ground Water

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
<b>Volatile Organic Compounds by EPA 8260</b>										
trans-1,2-Dichloroethene	ND	2.0	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 15:24	1090514	CJH	
1,2-Dichloropropane	ND	2.0	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 15:24	1090514	CJH	
1,3-Dichloropropane	ND	2.0	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 15:24	1090514	CJH	
2,2-Dichloropropane	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 15:24	1090514	CJH	
1,1-Dichloropropene	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 15:24	1090514	CJH	
cis-1,3-Dichloropropene	ND	2.0	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 15:24	1090514	CJH	
trans-1,3-Dichloropropene	ND	2.0	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 15:24	1090514	CJH	
Ethylbenzene	ND	2.0	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 15:24	1090514	CJH	
Ethyl Methacrylate	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 15:24	1090514	CJH	
Hexachlorobutadiene	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 15:24	1090514	CJH	
p-Isopropyltoluene	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 15:24	1090514	CJH	
Hexachloroethane	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 15:24	1090514	CJH	
Iodomethane	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 15:24	1090514	CJH	
Isopropylbenzene	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 15:24	1090514	CJH	
Methacrylonitrile	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 15:24	1090514	CJH	
Methyl Acrylate	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 15:24	1090514	CJH	
Methyl Butyl Ketone (2-Hexanone)	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 15:24	1090514	CJH	
Methylene Chloride	ND	5.0	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 15:24	1090514	CJH	
Methyl Ethyl Ketone (2-Butanone)	ND	100	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 15:24	1090514	CJH	
Methyl Methacrylate	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 15:24	1090514	CJH	
4-Methyl-2-pentanone (MIBK)	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 15:24	1090514	CJH	
Methyl-tert-Butyl Ether	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 15:24	1090514	CJH	
Naphthalene	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 15:24	1090514	CJH	
2-Nitropropane	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 15:24	1090514	CJH	
Propionitrile (Ethyl Cyanide)	ND	20	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 15:24	1090514	CJH	
n-Propylbenzene	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 15:24	1090514	CJH	
Styrene	ND	5.0	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 15:24	1090514	CJH	
1,1,1,2-Tetrachloroethane	ND	2.0	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 15:24	1090514	CJH	
1,1,2,2-Tetrachloroethane	ND	2.0	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 15:24	1090514	CJH	
Tetrachloroethene	ND	2.0	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 15:24	1090514	CJH	
Toluene	ND	2.0	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 15:24	1090514	CJH	
1,2,3-Trichlorobenzene	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 15:24	1090514	CJH	
1,2,4-Trichlorobenzene	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 15:24	1090514	CJH	
1,1,1-Trichloroethane	ND	2.0	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 15:24	1090514	CJH	
1,1,2-Trichloroethane	ND	2.0	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 15:24	1090514	CJH	
Trichloroethene	ND	2.0	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 15:24	1090514	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

September 30, 2011

Report No.: AUI0545

Project: Medley, FL

Client ID: MW-4 092111

Lab Number ID: AUI0545-02

Date/Time Sampled: 9/21/2011 1:55:00PM

Date/Time Received: 9/22/2011 9:00:00AM

Matrix: Ground Water

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
<b>Volatile Organic Compounds by EPA 8260</b>										
Trichlorofluoromethane	ND	10	ug/L	EPA 8260B		1	9/22/11 12:30	9/22/11 15:24	1090514	CJH
1,2,3-Trichloropropane	ND	10	ug/L	EPA 8260B		1	9/22/11 12:30	9/22/11 15:24	1090514	CJH
1,2,4-Trimethylbenzene	ND	10	ug/L	EPA 8260B		1	9/22/11 12:30	9/22/11 15:24	1090514	CJH
1,3,5-Trimethylbenzene	ND	10	ug/L	EPA 8260B		1	9/22/11 12:30	9/22/11 15:24	1090514	CJH
Vinyl Acetate	ND	10	ug/L	EPA 8260B		1	9/22/11 12:30	9/22/11 15:24	1090514	CJH
Vinyl Chloride	ND	1.0	ug/L	EPA 8260B		1	9/22/11 12:30	9/22/11 15:24	1090514	CJH
m+p-Xylene	ND	5.0	ug/L	EPA 8260B		1	9/22/11 12:30	9/22/11 15:24	1090514	CJH
o-Xylene	ND	5.0	ug/L	EPA 8260B		1	9/22/11 12:30	9/22/11 15:24	1090514	CJH
Xylenes, total	ND	5.0	ug/L	EPA 8260B		1	9/22/11 12:30	9/22/11 15:24	1090514	CJH
Surrogate: Dibromofluoromethane	109 %	75-123		EPA 8260B			9/22/11 12:30	9/22/11 15:24	1090514	
Surrogate: 1,2-Dichloroethane-d4	111 %	72-118		EPA 8260B			9/22/11 12:30	9/22/11 15:24	1090514	
Surrogate: Toluene-d8	104 %	75-112		EPA 8260B			9/22/11 12:30	9/22/11 15:24	1090514	
Surrogate: 4-Bromofluorobenzene	106 %	80-120		EPA 8260B			9/22/11 12:30	9/22/11 15:24	1090514	



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Safety-Kleen Corporation - Elgin  
1502 E. Villa Street  
Elgin IL, 60120  
Attention: Mr. Bob Schoepke

September 30, 2011

Report No.: AUI0545

Project: Medley, FL

Client ID: MW-5 092111

Lab Number ID: AUI0545-03

Date/Time Sampled: 9/21/2011 2:36:00PM

Date/Time Received: 9/22/2011 9:00:00AM

Matrix: Ground Water

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
<b>Volatile Organic Compounds by EPA 8260</b>										
Acetone	ND	100	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 15:57	1090514	CJH	
Acrolein	ND	50	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 15:57	1090514	CJH	
Acrylonitrile	ND	50	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 15:57	1090514	CJH	
Allyl Chloride (3-Chloropropylene)	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 15:57	1090514	CJH	
Benzene	ND	2.0	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 15:57	1090514	CJH	
Bromobenzene	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 15:57	1090514	CJH	
Bromoform	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 15:57	1090514	CJH	
Bromochloromethane	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 15:57	1090514	CJH	
Bromodichloromethane	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 15:57	1090514	CJH	
Bromoform	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 15:57	1090514	CJH	
Bromomethane	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 15:57	1090514	CJH	
n-Butylbenzene	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 15:57	1090514	CJH	
sec-Butylbenzene	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 15:57	1090514	CJH	
tert-Butylbenzene	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 15:57	1090514	CJH	
Carbon Disulfide	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 15:57	1090514	CJH	
Carbon Tetrachloride	ND	2.0	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 15:57	1090514	CJH	
Chlorobenzene	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 15:57	1090514	CJH	
1-Chlorobutane	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 15:57	1090514	CJH	
Chloroethane	ND	5.0	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 15:57	1090514	CJH	
2-Chloroethyl Vinyl Ether	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 15:57	1090514	CJH	
Chloroform	ND	2.0	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 15:57	1090514	CJH	
Chloromethane	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 15:57	1090514	CJH	
2-Chlorotoluene	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 15:57	1090514	CJH	
4-Chlorotoluene	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 15:57	1090514	CJH	
Dibromochloromethane	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 15:57	1090514	CJH	
1,2-Dibromo-3-chloropropane	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 15:57	1090514	CJH	
1,2-Dibromoethane	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 15:57	1090514	CJH	
Dibromomethane	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 15:57	1090514	CJH	
1,2-Dichlorobenzene	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 15:57	1090514	CJH	
1,3-Dichlorobenzene	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 15:57	1090514	CJH	
1,4-Dichlorobenzene	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 15:57	1090514	CJH	
trans-1,4-Dichloro-2-butene	ND	5.0	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 15:57	1090514	CJH	
Dichlorodifluoromethane	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 15:57	1090514	CJH	
1,1-Dichloroethane	ND	2.0	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 15:57	1090514	CJH	
1,2-Dichloroethane	ND	2.0	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 15:57	1090514	CJH	
1,1-Dichloroethene	ND	2.0	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 15:57	1090514	CJH	
cis-1,2-Dichloroethene	ND	2.0	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 15:57	1090514	CJH	



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Safety-Kleen Corporation - Elgin  
1502 E. Villa Street  
Elgin IL, 60120  
Attention: Mr. Bob Schoepke

September 30, 2011

Report No.: AUI0545

Project: Medley, FL

Client ID: MW-5 092111

Lab Number ID: AUI0545-03

Date/Time Sampled: 9/21/2011 2:36:00PM

Date/Time Received: 9/22/2011 9:00:00AM

Matrix: Ground Water

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
<b>Volatile Organic Compounds by EPA 8260</b>										
trans-1,2-Dichloroethene	ND	2.0	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 15:57	1090514	CJH	
1,2-Dichloropropane	ND	2.0	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 15:57	1090514	CJH	
1,3-Dichloropropane	ND	2.0	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 15:57	1090514	CJH	
2,2-Dichloropropane	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 15:57	1090514	CJH	
1,1-Dichloropropene	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 15:57	1090514	CJH	
cis-1,3-Dichloropropene	ND	2.0	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 15:57	1090514	CJH	
trans-1,3-Dichloropropene	ND	2.0	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 15:57	1090514	CJH	
Ethylbenzene	ND	2.0	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 15:57	1090514	CJH	
Ethyl Methacrylate	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 15:57	1090514	CJH	
Hexachlorobutadiene	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 15:57	1090514	CJH	
p-Isopropyltoluene	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 15:57	1090514	CJH	
Hexachloroethane	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 15:57	1090514	CJH	
Iodomethane	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 15:57	1090514	CJH	
Isopropylbenzene	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 15:57	1090514	CJH	
Methacrylonitrile	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 15:57	1090514	CJH	
Methyl Acrylate	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 15:57	1090514	CJH	
Methyl Butyl Ketone (2-Hexanone)	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 15:57	1090514	CJH	
Methylene Chloride	ND	5.0	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 15:57	1090514	CJH	
Methyl Ethyl Ketone (2-Butanone)	ND	100	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 15:57	1090514	CJH	
Methyl Methacrylate	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 15:57	1090514	CJH	
4-Methyl-2-pentanone (MIBK)	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 15:57	1090514	CJH	
Methyl-tert-Butyl Ether	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 15:57	1090514	CJH	
Naphthalene	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 15:57	1090514	CJH	
2-Nitropropane	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 15:57	1090514	CJH	
Propionitrile (Ethyl Cyanide)	ND	20	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 15:57	1090514	CJH	
n-Propylbenzene	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 15:57	1090514	CJH	
Styrene	ND	5.0	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 15:57	1090514	CJH	
1,1,1,2-Tetrachloroethane	ND	2.0	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 15:57	1090514	CJH	
1,1,2,2-Tetrachloroethane	ND	2.0	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 15:57	1090514	CJH	
Tetrachloroethene	ND	2.0	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 15:57	1090514	CJH	
Toluene	ND	2.0	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 15:57	1090514	CJH	
1,2,3-Trichlorobenzene	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 15:57	1090514	CJH	
1,2,4-Trichlorobenzene	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 15:57	1090514	CJH	
1,1,1-Trichloroethane	ND	2.0	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 15:57	1090514	CJH	
1,1,2-Trichloroethane	ND	2.0	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 15:57	1090514	CJH	
Trichloroethene	ND	2.0	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 15:57	1090514	CJH	



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Environmental Monitoring & Laboratory Analysis  
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Safety-Kleen Corporation - Elgin  
1502 E. Villa Street  
Elgin IL, 60120  
Attention: Mr. Bob Schoepke

September 30, 2011

Report No.: AUI0545

Project: Medley, FL

Client ID: MW-5 092111

Lab Number ID: AUI0545-03

Date/Time Sampled: 9/21/2011 2:36:00PM

Date/Time Received: 9/22/2011 9:00:00AM

Matrix: Ground Water

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
<b>Volatile Organic Compounds by EPA 8260</b>										
Trichlorofluoromethane	ND	10	ug/L	EPA 8260B		1	9/22/11 12:30	9/22/11 15:57	1090514	CJH
1,2,3-Trichloropropane	ND	10	ug/L	EPA 8260B		1	9/22/11 12:30	9/22/11 15:57	1090514	CJH
1,2,4-Trimethylbenzene	ND	10	ug/L	EPA 8260B		1	9/22/11 12:30	9/22/11 15:57	1090514	CJH
1,3,5-Trimethylbenzene	ND	10	ug/L	EPA 8260B		1	9/22/11 12:30	9/22/11 15:57	1090514	CJH
Vinyl Acetate	ND	10	ug/L	EPA 8260B		1	9/22/11 12:30	9/22/11 15:57	1090514	CJH
Vinyl Chloride	ND	1.0	ug/L	EPA 8260B		1	9/22/11 12:30	9/22/11 15:57	1090514	CJH
m+p-Xylene	ND	5.0	ug/L	EPA 8260B		1	9/22/11 12:30	9/22/11 15:57	1090514	CJH
o-Xylene	ND	5.0	ug/L	EPA 8260B		1	9/22/11 12:30	9/22/11 15:57	1090514	CJH
Xylenes, total	ND	5.0	ug/L	EPA 8260B		1	9/22/11 12:30	9/22/11 15:57	1090514	CJH
Surrogate: Dibromofluoromethane	101 %	75-123		EPA 8260B			9/22/11 12:30	9/22/11 15:57	1090514	
Surrogate: 1,2-Dichloroethane-d4	110 %	72-118		EPA 8260B			9/22/11 12:30	9/22/11 15:57	1090514	
Surrogate: Toluene-d8	104 %	75-112		EPA 8260B			9/22/11 12:30	9/22/11 15:57	1090514	
Surrogate: 4-Bromofluorobenzene	104 %	80-120		EPA 8260B			9/22/11 12:30	9/22/11 15:57	1090514	



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Safety-Kleen Corporation - Elgin  
1502 E. Villa Street  
Elgin IL, 60120  
Attention: Mr. Bob Schoepke

September 30, 2011

Report No.: AUI0545

Project: Medley, FL

Client ID: MW-1 092111

Lab Number ID: AUI0545-04

Date/Time Sampled: 9/21/2011 2:55:00PM

Date/Time Received: 9/22/2011 9:00:00AM

Matrix: Ground Water

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
<b>Volatile Organic Compounds by EPA 8260</b>										
Acetone	ND	100	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 16:29	1090514	CJH	
Acrolein	ND	50	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 16:29	1090514	CJH	
Acrylonitrile	ND	50	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 16:29	1090514	CJH	
Allyl Chloride (3-Chloropropylene)	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 16:29	1090514	CJH	
Benzene	ND	2.0	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 16:29	1090514	CJH	
Bromobenzene	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 16:29	1090514	CJH	
Bromoform	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 16:29	1090514	CJH	
Bromochloromethane	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 16:29	1090514	CJH	
Bromodichloromethane	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 16:29	1090514	CJH	
Bromoform	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 16:29	1090514	CJH	
Bromomethane	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 16:29	1090514	CJH	
n-Butylbenzene	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 16:29	1090514	CJH	
sec-Butylbenzene	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 16:29	1090514	CJH	
tert-Butylbenzene	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 16:29	1090514	CJH	
Carbon Disulfide	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 16:29	1090514	CJH	
Carbon Tetrachloride	ND	2.0	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 16:29	1090514	CJH	
Chlorobenzene	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 16:29	1090514	CJH	
1-Chlorobutane	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 16:29	1090514	CJH	
Chloroethane	ND	5.0	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 16:29	1090514	CJH	
2-Chloroethyl Vinyl Ether	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 16:29	1090514	CJH	
Chloroform	ND	2.0	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 16:29	1090514	CJH	
Chloromethane	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 16:29	1090514	CJH	
2-Chlorotoluene	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 16:29	1090514	CJH	
4-Chlorotoluene	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 16:29	1090514	CJH	
Dibromochloromethane	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 16:29	1090514	CJH	
1,2-Dibromo-3-chloropropane	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 16:29	1090514	CJH	
1,2-Dibromoethane	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 16:29	1090514	CJH	
Dibromomethane	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 16:29	1090514	CJH	
1,2-Dichlorobenzene	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 16:29	1090514	CJH	
1,3-Dichlorobenzene	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 16:29	1090514	CJH	
1,4-Dichlorobenzene	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 16:29	1090514	CJH	
trans-1,4-Dichloro-2-butene	ND	5.0	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 16:29	1090514	CJH	
Dichlorodifluoromethane	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 16:29	1090514	CJH	
1,1-Dichloroethane	ND	2.0	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 16:29	1090514	CJH	
1,2-Dichloroethane	ND	2.0	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 16:29	1090514	CJH	
1,1-Dichloroethene	ND	2.0	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 16:29	1090514	CJH	
cis-1,2-Dichloroethene	ND	2.0	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 16:29	1090514	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

September 30, 2011

Report No.: AUI0545

Project: Medley, FL

Client ID: MW-1 092111

Lab Number ID: AUI0545-04

Date/Time Sampled: 9/21/2011 2:55:00PM

Date/Time Received: 9/22/2011 9:00:00AM

Matrix: Ground Water

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
<b>Volatile Organic Compounds by EPA 8260</b>										
trans-1,2-Dichloroethene	ND	2.0	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 16:29	1090514	CJH	
1,2-Dichloropropane	ND	2.0	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 16:29	1090514	CJH	
1,3-Dichloropropane	ND	2.0	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 16:29	1090514	CJH	
2,2-Dichloropropane	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 16:29	1090514	CJH	
1,1-Dichloropropene	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 16:29	1090514	CJH	
cis-1,3-Dichloropropene	ND	2.0	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 16:29	1090514	CJH	
trans-1,3-Dichloropropene	ND	2.0	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 16:29	1090514	CJH	
Ethylbenzene	ND	2.0	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 16:29	1090514	CJH	
Ethyl Methacrylate	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 16:29	1090514	CJH	
Hexachlorobutadiene	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 16:29	1090514	CJH	
p-Isopropyltoluene	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 16:29	1090514	CJH	
Hexachloroethane	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 16:29	1090514	CJH	
Iodomethane	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 16:29	1090514	CJH	
Isopropylbenzene	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 16:29	1090514	CJH	
Methacrylonitrile	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 16:29	1090514	CJH	
Methyl Acrylate	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 16:29	1090514	CJH	
Methyl Butyl Ketone (2-Hexanone)	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 16:29	1090514	CJH	
Methylene Chloride	ND	5.0	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 16:29	1090514	CJH	
Methyl Ethyl Ketone (2-Butanone)	ND	100	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 16:29	1090514	CJH	
Methyl Methacrylate	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 16:29	1090514	CJH	
4-Methyl-2-pentanone (MIBK)	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 16:29	1090514	CJH	
Methyl-tert-Butyl Ether	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 16:29	1090514	CJH	
Naphthalene	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 16:29	1090514	CJH	
2-Nitropropane	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 16:29	1090514	CJH	
Propionitrile (Ethyl Cyanide)	ND	20	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 16:29	1090514	CJH	
n-Propylbenzene	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 16:29	1090514	CJH	
Styrene	ND	5.0	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 16:29	1090514	CJH	
1,1,1,2-Tetrachloroethane	ND	2.0	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 16:29	1090514	CJH	
1,1,2,2-Tetrachloroethane	ND	2.0	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 16:29	1090514	CJH	
Tetrachloroethene	ND	2.0	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 16:29	1090514	CJH	
Toluene	ND	2.0	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 16:29	1090514	CJH	
1,2,3-Trichlorobenzene	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 16:29	1090514	CJH	
1,2,4-Trichlorobenzene	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 16:29	1090514	CJH	
1,1,1-Trichloroethane	ND	2.0	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 16:29	1090514	CJH	
1,1,2-Trichloroethane	ND	2.0	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 16:29	1090514	CJH	
Trichloroethene	ND	2.0	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 16:29	1090514	CJH	



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Safety-Kleen Corporation - Elgin  
1502 E. Villa Street  
Elgin IL, 60120  
Attention: Mr. Bob Schoepke

September 30, 2011

Report No.: AUI0545

Project: Medley, FL

Client ID: MW-1 092111

Lab Number ID: AUI0545-04

Date/Time Sampled: 9/21/2011 2:55:00PM

Date/Time Received: 9/22/2011 9:00:00AM

Matrix: Ground Water

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
<b>Volatile Organic Compounds by EPA 8260</b>										
Trichlorofluoromethane	ND	10	ug/L	EPA 8260B		1	9/22/11 12:30	9/22/11 16:29	1090514	CJH
1,2,3-Trichloropropane	ND	10	ug/L	EPA 8260B		1	9/22/11 12:30	9/22/11 16:29	1090514	CJH
1,2,4-Trimethylbenzene	ND	10	ug/L	EPA 8260B		1	9/22/11 12:30	9/22/11 16:29	1090514	CJH
1,3,5-Trimethylbenzene	ND	10	ug/L	EPA 8260B		1	9/22/11 12:30	9/22/11 16:29	1090514	CJH
Vinyl Acetate	ND	10	ug/L	EPA 8260B		1	9/22/11 12:30	9/22/11 16:29	1090514	CJH
Vinyl Chloride	ND	1.0	ug/L	EPA 8260B		1	9/22/11 12:30	9/22/11 16:29	1090514	CJH
m+p-Xylene	ND	5.0	ug/L	EPA 8260B		1	9/22/11 12:30	9/22/11 16:29	1090514	CJH
o-Xylene	ND	5.0	ug/L	EPA 8260B		1	9/22/11 12:30	9/22/11 16:29	1090514	CJH
Xylenes, total	ND	5.0	ug/L	EPA 8260B		1	9/22/11 12:30	9/22/11 16:29	1090514	CJH
Surrogate: Dibromofluoromethane	102 %	75-123		EPA 8260B			9/22/11 12:30	9/22/11 16:29	1090514	
Surrogate: 1,2-Dichloroethane-d4	106 %	72-118		EPA 8260B			9/22/11 12:30	9/22/11 16:29	1090514	
Surrogate: Toluene-d8	104 %	75-112		EPA 8260B			9/22/11 12:30	9/22/11 16:29	1090514	
Surrogate: 4-Bromofluorobenzene	103 %	80-120		EPA 8260B			9/22/11 12:30	9/22/11 16:29	1090514	



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1502 E. Villa Street  
Elgin IL, 60120  
Attention: Mr. Bob Schoepke

September 30, 2011

Report No.: AUI0545

Project: Medley, FL

Client ID: Trip Blank

Lab Number ID: AUI0545-05

Date/Time Sampled: 9/21/2011 12:00:00AM

Date/Time Received: 9/22/2011 9:00:00AM

Matrix: Water

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
<b>Volatile Organic Compounds by EPA 8260</b>										
Acetone	ND	100	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 17:01	1090514	CJH	
Acrolein	ND	50	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 17:01	1090514	CJH	
Acrylonitrile	ND	50	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 17:01	1090514	CJH	
Allyl Chloride (3-Chloropropylene)	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 17:01	1090514	CJH	
Benzene	ND	2.0	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 17:01	1090514	CJH	
Bromobenzene	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 17:01	1090514	CJH	
Bromoform	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 17:01	1090514	CJH	
Bromochloromethane	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 17:01	1090514	CJH	
Bromodichloromethane	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 17:01	1090514	CJH	
Bromoform	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 17:01	1090514	CJH	
Bromomethane	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 17:01	1090514	CJH	
n-Butylbenzene	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 17:01	1090514	CJH	
sec-Butylbenzene	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 17:01	1090514	CJH	
tert-Butylbenzene	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 17:01	1090514	CJH	
Carbon Disulfide	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 17:01	1090514	CJH	
Carbon Tetrachloride	ND	2.0	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 17:01	1090514	CJH	
Chlorobenzene	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 17:01	1090514	CJH	
1-Chlorobutane	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 17:01	1090514	CJH	
Chloroethane	ND	5.0	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 17:01	1090514	CJH	
2-Chloroethyl Vinyl Ether	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 17:01	1090514	CJH	
Chloroform	ND	2.0	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 17:01	1090514	CJH	
Chloromethane	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 17:01	1090514	CJH	
2-Chlorotoluene	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 17:01	1090514	CJH	
4-Chlorotoluene	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 17:01	1090514	CJH	
Dibromochloromethane	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 17:01	1090514	CJH	
1,2-Dibromo-3-chloropropane	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 17:01	1090514	CJH	
1,2-Dibromoethane	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 17:01	1090514	CJH	
Dibromomethane	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 17:01	1090514	CJH	
1,2-Dichlorobenzene	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 17:01	1090514	CJH	
1,3-Dichlorobenzene	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 17:01	1090514	CJH	
1,4-Dichlorobenzene	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 17:01	1090514	CJH	
trans-1,4-Dichloro-2-butene	ND	5.0	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 17:01	1090514	CJH	
Dichlorodifluoromethane	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 17:01	1090514	CJH	
1,1-Dichloroethane	ND	2.0	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 17:01	1090514	CJH	
1,2-Dichloroethane	ND	2.0	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 17:01	1090514	CJH	
1,1-Dichloroethene	ND	2.0	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 17:01	1090514	CJH	
cis-1,2-Dichloroethene	ND	2.0	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 17:01	1090514	CJH	



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1502 E. Villa Street  
Elgin IL, 60120  
Attention: Mr. Bob Schoepke

September 30, 2011

Report No.: AUI0545

Project: Medley, FL

Client ID: Trip Blank

Lab Number ID: AUI0545-05

Date/Time Sampled: 9/21/2011 12:00:00AM

Date/Time Received: 9/22/2011 9:00:00AM

Matrix: Water

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
<b>Volatile Organic Compounds by EPA 8260</b>										
trans-1,2-Dichloroethene	ND	2.0	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 17:01	1090514	CJH	
1,2-Dichloropropane	ND	2.0	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 17:01	1090514	CJH	
1,3-Dichloropropane	ND	2.0	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 17:01	1090514	CJH	
2,2-Dichloropropane	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 17:01	1090514	CJH	
1,1-Dichloropropene	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 17:01	1090514	CJH	
cis-1,3-Dichloropropene	ND	2.0	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 17:01	1090514	CJH	
trans-1,3-Dichloropropene	ND	2.0	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 17:01	1090514	CJH	
Ethylbenzene	ND	2.0	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 17:01	1090514	CJH	
Ethyl Methacrylate	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 17:01	1090514	CJH	
Hexachlorobutadiene	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 17:01	1090514	CJH	
p-Isopropyltoluene	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 17:01	1090514	CJH	
Hexachloroethane	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 17:01	1090514	CJH	
Iodomethane	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 17:01	1090514	CJH	
Isopropylbenzene	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 17:01	1090514	CJH	
Methacrylonitrile	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 17:01	1090514	CJH	
Methyl Acrylate	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 17:01	1090514	CJH	
Methyl Butyl Ketone (2-Hexanone)	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 17:01	1090514	CJH	
Methylene Chloride	ND	5.0	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 17:01	1090514	CJH	
Methyl Ethyl Ketone (2-Butanone)	ND	100	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 17:01	1090514	CJH	
Methyl Methacrylate	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 17:01	1090514	CJH	
4-Methyl-2-pentanone (MIBK)	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 17:01	1090514	CJH	
Methyl-tert-Butyl Ether	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 17:01	1090514	CJH	
Naphthalene	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 17:01	1090514	CJH	
2-Nitropropane	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 17:01	1090514	CJH	
Propionitrile (Ethyl Cyanide)	ND	20	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 17:01	1090514	CJH	
n-Propylbenzene	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 17:01	1090514	CJH	
Styrene	ND	5.0	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 17:01	1090514	CJH	
1,1,1,2-Tetrachloroethane	ND	2.0	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 17:01	1090514	CJH	
1,1,2,2-Tetrachloroethane	ND	2.0	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 17:01	1090514	CJH	
Tetrachloroethene	ND	2.0	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 17:01	1090514	CJH	
Toluene	ND	2.0	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 17:01	1090514	CJH	
1,2,3-Trichlorobenzene	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 17:01	1090514	CJH	
1,2,4-Trichlorobenzene	ND	10	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 17:01	1090514	CJH	
1,1,1-Trichloroethane	ND	2.0	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 17:01	1090514	CJH	
1,1,2-Trichloroethane	ND	2.0	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 17:01	1090514	CJH	
Trichloroethene	ND	2.0	ug/L	EPA 8260B	1	9/22/11 12:30	9/22/11 17:01	1090514	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

September 30, 2011

Report No.: AUI0545

Project: Medley, FL

Client ID: Trip Blank

Lab Number ID: AUI0545-05

Date/Time Sampled: 9/21/2011 12:00:00AM

Date/Time Received: 9/22/2011 9:00:00AM

Matrix: Water

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
<b>Volatile Organic Compounds by EPA 8260</b>										
Trichlorofluoromethane	ND	10	ug/L	EPA 8260B		1	9/22/11 12:30	9/22/11 17:01	1090514	CJH
1,2,3-Trichloropropane	ND	10	ug/L	EPA 8260B		1	9/22/11 12:30	9/22/11 17:01	1090514	CJH
1,2,4-Trimethylbenzene	ND	10	ug/L	EPA 8260B		1	9/22/11 12:30	9/22/11 17:01	1090514	CJH
1,3,5-Trimethylbenzene	ND	10	ug/L	EPA 8260B		1	9/22/11 12:30	9/22/11 17:01	1090514	CJH
Vinyl Acetate	ND	10	ug/L	EPA 8260B		1	9/22/11 12:30	9/22/11 17:01	1090514	CJH
Vinyl Chloride	ND	1.0	ug/L	EPA 8260B		1	9/22/11 12:30	9/22/11 17:01	1090514	CJH
m+p-Xylene	ND	5.0	ug/L	EPA 8260B		1	9/22/11 12:30	9/22/11 17:01	1090514	CJH
o-Xylene	ND	5.0	ug/L	EPA 8260B		1	9/22/11 12:30	9/22/11 17:01	1090514	CJH
Xylenes, total	ND	5.0	ug/L	EPA 8260B		1	9/22/11 12:30	9/22/11 17:01	1090514	CJH
Surrogate: Dibromofluoromethane	101 %	75-123		EPA 8260B			9/22/11 12:30	9/22/11 17:01	1090514	
Surrogate: 1,2-Dichloroethane-d4	112 %	72-118		EPA 8260B			9/22/11 12:30	9/22/11 17:01	1090514	
Surrogate: Toluene-d8	104 %	75-112		EPA 8260B			9/22/11 12:30	9/22/11 17:01	1090514	
Surrogate: 4-Bromofluorobenzene	104 %	80-120		EPA 8260B			9/22/11 12:30	9/22/11 17:01	1090514	



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September 30, 2011

Report No.: AUI0545

## Volatile Organic Compounds by EPA 8260 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
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### Batch 1090514 - EPA 5030B

Blank (1090514-BLK1)	Prepared & Analyzed: 09/22/11								
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Acetone	ND	100	ug/L
Acrolein	ND	50	ug/L
Acrylonitrile	ND	50	ug/L
Allyl Chloride (3-Chloropropylene)	ND	10	ug/L
Benzene	ND	2.0	ug/L
Bromobenzene	ND	10	ug/L
Bromochloromethane	ND	10	ug/L
Bromodichloromethane	ND	10	ug/L
Bromoform	ND	10	ug/L
Bromomethane	ND	10	ug/L
n-Butylbenzene	ND	10	ug/L
sec-Butylbenzene	ND	10	ug/L
tert-Butylbenzene	ND	10	ug/L
Carbon Disulfide	ND	10	ug/L
Carbon Tetrachloride	ND	2.0	ug/L
Chlorobenzene	ND	10	ug/L
1-Chlorobutane	ND	10	ug/L
Chloroethane	ND	5.0	ug/L
2-Chloroethyl Vinyl Ether	ND	10	ug/L
Chloroform	ND	2.0	ug/L
Chloromethane	ND	10	ug/L
2-Chlorotoluene	ND	10	ug/L
4-Chlorotoluene	ND	10	ug/L
Dibromochloromethane	ND	10	ug/L
1,2-Dibromo-3-chloropropane	ND	10	ug/L
1,2-Dibromoethane	ND	10	ug/L
Dibromomethane	ND	10	ug/L
1,2-Dichlorobenzene	ND	10	ug/L
1,3-Dichlorobenzene	ND	10	ug/L
1,4-Dichlorobenzene	ND	10	ug/L
trans-1,4-Dichloro-2-butene	ND	5.0	ug/L
Dichlorodifluoromethane	ND	10	ug/L
1,1-Dichloroethane	ND	2.0	ug/L
1,2-Dichloroethane	ND	2.0	ug/L
1,1-Dichloroethene	ND	2.0	ug/L
cis-1,2-Dichloroethene	ND	2.0	ug/L
trans-1,2-Dichloroethene	ND	2.0	ug/L
1,2-Dichloropropane	ND	2.0	ug/L
1,3-Dichloropropane	ND	2.0	ug/L
2,2-Dichloropropane	ND	10	ug/L
1,1-Dichloropropene	ND	10	ug/L



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1502 E. Villa Street  
Elgin IL, 60120  
Attention: Mr. Bob Schoepke

September 30, 2011

Report No.: AUI0545

## Volatile Organic Compounds by EPA 8260 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
<b>Batch 1090514 - EPA 5030B</b>										
<b>Blank (1090514-BLK1)</b>										
Prepared & Analyzed: 09/22/11										
cis-1,3-Dichloropropene	ND	2.0	ug/L							
trans-1,3-Dichloropropene	ND	2.0	ug/L							
Ethylbenzene	ND	2.0	ug/L							
Ethyl Methacrylate	ND	10	ug/L							
Hexachlorobutadiene	ND	10	ug/L							
p-Isopropyltoluene	ND	10	ug/L							
Hexachloroethane	ND	10	ug/L							
Iodomethane	ND	10	ug/L							
Isopropylbenzene	ND	10	ug/L							
Methacrylonitrile	ND	10	ug/L							
Methyl Acrylate	ND	10	ug/L							
Methyl Butyl Ketone (2-Hexanone)	ND	10	ug/L							
Methylene Chloride	ND	5.0	ug/L							
Methyl Ethyl Ketone (2-Butanone)	ND	100	ug/L							
Methyl Methacrylate	ND	10	ug/L							
4-Methyl-2-pentanone (MIBK)	ND	10	ug/L							
Methyl-tert-Butyl Ether	ND	10	ug/L							
Naphthalene	ND	10	ug/L							
2-Nitropropane	ND	10	ug/L							
Propionitrile (Ethyl Cyanide)	ND	20	ug/L							
n-Propylbenzene	ND	10	ug/L							
Styrene	ND	5.0	ug/L							
1,1,1,2-Tetrachloroethane	ND	2.0	ug/L							
1,1,2,2-Tetrachloroethane	ND	2.0	ug/L							
Tetrachloroethene	ND	2.0	ug/L							
Toluene	ND	2.0	ug/L							
1,2,3-Trichlorobenzene	ND	10	ug/L							
1,2,4-Trichlorobenzene	ND	10	ug/L							
1,1,1-Trichloroethane	ND	2.0	ug/L							
1,1,2-Trichloroethane	ND	2.0	ug/L							
Trichloroethene	ND	2.0	ug/L							
Trichlorofluoromethane	ND	10	ug/L							
1,2,3-Trichloropropane	ND	10	ug/L							
1,2,4-Trimethylbenzene	ND	10	ug/L							
1,3,5-Trimethylbenzene	ND	10	ug/L							
Vinyl Acetate	ND	10	ug/L							
Vinyl Chloride	ND	1.0	ug/L							
m+p-Xylene	ND	5.0	ug/L							
o-Xylene	ND	5.0	ug/L							
Xylenes, total	ND	5.0	ug/L							
Surrogate: Dibromofluoromethane	51		ug/L	50.000		102	75-123			



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1502 E. Villa Street  
Elgin IL, 60120  
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September 30, 2011

Report No.: AUI0545

## Volatile Organic Compounds by EPA 8260 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
<b>Batch 1090514 - EPA 5030B</b>										
<b>Blank (1090514-BLK1)</b>										
Prepared & Analyzed: 09/22/11										
Surrogate: 1,2-Dichloroethane-d4										
55 ug/L 50.000 109 72-118										
Surrogate: Toluene-d8										
52 ug/L 50.000 103 75-112										
Surrogate: 4-Bromofluorobenzene										
52 ug/L 50.000 105 80-120										
<b>LCS (1090514-BS1)</b>										
Prepared & Analyzed: 09/22/11										
Benzene										
46 ug/L 50.000 92 80-120										
Chlorobenzene										
46 ug/L 50.000 91 80-120										
1,1-Dichloroethene										
58 ug/L 50.000 116 77-121										
Toluene										
46 ug/L 50.000 92 78-120										
Trichloroethene										
46 ug/L 50.000 92 80-122										
Surrogate: Dibromofluoromethane										
51 ug/L 50.000 102 75-123										
Surrogate: 1,2-Dichloroethane-d4										
55 ug/L 50.000 109 72-118										
Surrogate: Toluene-d8										
52 ug/L 50.000 103 75-112										
Surrogate: 4-Bromofluorobenzene										
51 ug/L 50.000 102 80-120										
<b>Matrix Spike (1090514-MS1)</b>										
<b>Source: AUI0545-01</b>										
Prepared & Analyzed: 09/22/11										
Benzene										
35 ug/L 50.000 ND 70 80-123 QM-07										
Chlorobenzene										
43 ug/L 50.000 ND 87 75-120										
1,1-Dichloroethene										
54 ug/L 50.000 ND 107 80-120										
Toluene										
44 ug/L 50.000 0.2 87 80-120										
Trichloroethene										
45 ug/L 50.000 0.5 88 80-125										
Surrogate: Dibromofluoromethane										
51 ug/L 50.000 101 75-123										
Surrogate: 1,2-Dichloroethane-d4										
52 ug/L 50.000 105 72-118										
Surrogate: Toluene-d8										
52 ug/L 50.000 104 75-112										
Surrogate: 4-Bromofluorobenzene										
51 ug/L 50.000 103 80-120										
<b>Matrix Spike Dup (1090514-MSD1)</b>										
<b>Source: AUI0545-01</b>										
Prepared & Analyzed: 09/22/11										
Benzene										
42 ug/L 50.000 ND 85 80-123 QR-04										
Chlorobenzene										
42 ug/L 50.000 ND 84 75-120										
1,1-Dichloroethene										
51 ug/L 50.000 ND 103 80-120										
Toluene										
42 ug/L 50.000 0.2 84 80-120										
Trichloroethene										
44 ug/L 50.000 0.5 87 80-125										
Surrogate: Dibromofluoromethane										
50 ug/L 50.000 100 75-123										
Surrogate: 1,2-Dichloroethane-d4										
55 ug/L 50.000 110 72-118										
Surrogate: Toluene-d8										
52 ug/L 50.000 104 75-112										
Surrogate: 4-Bromofluorobenzene										
52 ug/L 50.000 104 80-120										



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September 30, 2011

## Laboratory Certifications

Code	Description	Number	Expires
LA	Louisiana	02069	06/30/2012
NC	North Carolina	381	12/31/2011
NELAC	NELAC (Non-Potable Water, Solids)	E87315	06/30/2012
SC	South Carolina	98011001	09/30/2011
TX	Texas	T104704397-08-TX	03/31/2012



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September 30, 2011

## Legend

### Definition of Laboratory Terms

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

### Sample Information

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

Phthalic acid and phthalic anhydride are reported as dimethyl phthalate

Maleic acid and maleic anhydride are reported as dimethyl malate

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

### Definition of Qualifiers

- QR-04** The RPD result for the MS/MSD exceeded the established QC control limits. Sample results for the QC batch were accepted based on LCS recovery.
- QM-07** The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.

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



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September 30, 2011

200470

**CHAIN OF CUSTODY RECORD**

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

ANALYSIS REQUESTED										REMARKS/ADDITIONAL INFORMATION									
CLIENT NAME:	ECT M			CONTAINER TYPE	PRESERVATION														
CLIENT ADDRESS/FAX NUMBER:	1408 N. Westview Blvd., Suite 115			A	P- PLASTIC	1- HCl, 4°													
TAMPA, FL 33607 (813) 280-9338	CONTAINER CODE:	6	Preservation:	B	A- AMBER GLASS	2- H2SO4, 4°													
REPORT TO:	ICK STEBINSKY			C	G- CLEAR GLASS	3- HNO3, 4°													
CC:				D	V- VIAL	4- NaOH, 4°													
REQUESTED COMPLETION DATE:	PO#:			E	S- STERILE	5- NaOCl/Ag, 4°													
SD TAT.				F	O- OTHER	6- Na2S2O3, 4°													
PROJECT NAME/STATE:	SAFETY-KLEEN, MEDLEY FL			G	MATRIX CODES:	7- 4°													
PROJECT #:	10-0666/2000			H	DW- DRINKING WATER	S- SOIL													
REQUESTED COMPLETION DATE:				I	VW- WASTEWATER	SL- SLUDGE													
SD TAT.				J	GW- GROUNDWATER	SD- SOLID													
PROJECT NAME/STATE:	SAFETY-KLEEN, MEDLEY FL			K	SW- SURFACE WATER	A- AIR													
PROJECT #:	10-0666/2000			L	ST- STORM WATER	L- LIQUID													
DATE	TIME	MATRIX CODE	C O R	M A	R	P	PRODUCT	W- WATER											
DATE	TIME	MATRIX CODE	C O R	M A	R	P	PRODUCT	F. PRODUCT											
9/20/11	1340	6W	C	MW-3 092111	3	3		G. PRODUCT											
9/20/11	1355	6W	C	MW-4 092111	3	3		H. PRODUCT											
9/20/11	1436	6W	C	MW-5 092111	3	3		I. PRODUCT											
9/20/11	1455	6W	C	MW-1 092111	3	3		J. PRODUCT											
								K. PRODUCT											
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								HH. PRODUCT											
								II. PRODUCT											
								JJ. PRODUCT											
								KK. PRODUCT											
								LL. PRODUCT											
								MM. PRODUCT											
								NN. PRODUCT											



# ANALYTICAL SERVICES, INC.

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

## LOG-IN CHECKLIST

Printed: 9/30/2011 4:33:55PM

**Attn:** Mr. Bob Schoepke

**Client:** Safety-Kleen Corporation - Elgin

**Project:** Medley, FL

**Date Received:** 09/22/11 09:00

**Work Order:** AUI0545

**Logged In By:** Charles Hawks

### OBSERVATIONS

<b>#Samples:</b> 5	<b>#Containers:</b> 15
<b>Minimum Temp(C):</b> 2.0	<b>Maximum Temp(C):</b> 2.0
<b>Custody Seal(s) Used:</b> Yes	

### CHECKLIST ITEMS

COC included with Samples	YES
Sample Container(s) Intact	YES
Chain of Custody Complete	NO
Sample Container(s) Match COC	YES
Custody seal Intact	YES
Temperature in Compliance	YES
Sufficient Sample Volume for Analysis	YES
Zero Headspace Maintained for VOA Analyses	YES
Samples labeled preserved (If Applicable)	YES
Samples received within Allowable Hold Times	YES
Samples Received on Ice	YES
Preservation Confirmed	YES

### **Comments:**

The Trip Blank was not listed on the COC. CFH

## **APPENDIX C**

### **OPERATION AND MAINTENANCE LOGS AND SOIL SAMPLING NOTES**

Safety Kleen

8755 NW 95th Street, Medley, FL

## SYSTEM O&amp;M LOG

Project #:

System status (on/off):

Arrive

Depart

EPA ID No. 984 171 694

AS

1

1

Date: 8/16/11 Time: 10:30

Recorded by: S. Thakar

Site Conditions:

Clear, wet

Additional Personnel on site: \_\_\_\_\_

	Arrive	Depart
AS	1	1

\*0=off, 1=on

AIR SPARGE POINTS		
ID	Pressure (psi)	Flow (scfm)
AS-1	10	2
AS-2	18	3.5
AS-3	22	3
AS-4	24	<2
MW-4D	10	2
MW-5D	22	<2

MONITORING WELLS			
	Pressure (inches H <sub>2</sub> O)	DO mg/L	DTW (ft TOC)
MW-1	3.0	8.29	3.05
MW-3	2.5	4.48	1.8
MW-4	4.0	7.92	TDC
MW-5	4.0	7.6	TDC
MW-7	1.0	1.47	3.68

B-Bubbling

Temp (°F) heat exchanger:

Pre 210

Post 95

System pressure (psi, pre heat eachanger): 24

System pressure (psi, post heat exchanger): 23.8

Hour meter 1115.3 @ 11:40 am

Check Air Compressor Intake Filter OK

Check Compressor Bleed Air Filter OK

Notes/Observations/Repairs: \_\_\_\_\_

shutting off &lt; 5min to take DTW readings.

MW4, MW5 - still bubbling TDC

MW1, MW3 - bubbles down

3/16/11

SK Medley

obj O&M visit @ plant

930 leave office, load truck

~1015 Site, system running

- shutdown system to collect DTW readings
- instant
- collect system readings
- using peristaltic pump, YSI take DO, readings
- MW 5, MW 4, MW 3. - bubbling TOC
- MW 1 - can see bubbling
- MW 7 - no or very little bubbling

1215 leave site

1300 office

Satyen T.

Safety Kleen

8755 NW 95th Street, Medley, FL

SYSTEM O&M LOG

Date: 9/2 Time: 2:00 pm Site Conditions:

Recorded by: Prabas Adelk Rainy

Additional Personnel on site: NA

Project #:

System status (on/off):

Arrive

Depart

EPA ID No. 984 171 694

AS

1

1

\*0=off, 1=on

AIR SPARGE POINTS		
ID	Pressure (psi)	Flow (scfm)
AS-1	11	2.2
AS-2	14	3.0
AS-3	20	3.5
AS-4	22	2.0
MW-4D	12	2.0
MW-5D	20	2.0

MONITORING WELLS			
	Pressure (inches H <sub>2</sub> O)	DO mg/L	DTW (ft TOC)
MW-1	3.1	3.75	2.92
MW-3	2.7	4.30	2.05
MW-4	4.2	8.30	TOC
MW-5	4.2	7.15	TOC
MW-7	15	6.50	3.40

Temp (°F) heat exchanger:

Pre 210

Post 95

System pressure (psi, pre heat eachanger): 25

System pressure (psi, post heat exchanger): 22

Hour meter 11-85.2 @ 3:50 pm.

Check Air Compressor Intake Filter ok

Check Compressor Bleed Air Filter ok

Notes/Observations/Repairs:

rotameter reads gurgly, water logged

Safety Kleen

8755 NW 95th Street, Medley, FL

## SYSTEM O&amp;M LOG

Project #:

System status (on/off):

Arrive

Depart

EPA ID No. 984 171 694

AS

1

1

Date: 9/29 Time:

Recorded by: J. Adak

Site Conditions:

Clear

Drizzle

Additional Personnel on site: none

Safety Kleen

8755 NW 95th Street, Medley, FL

SYSTEM O&M LOG

Project #:

System status (on/off):

Arrive

Depart

EPA ID No. 984 171 694

AS

0

\*0=off, 1=on

AIR SPARGE POINTS		
ID	Pressure (psi)	Flow (scfm)
AS-1	14	2
AS-2	14	2
AS-3	12	2
AS-4	14	2.5
MW-4D	9	2.5
MW-5D	12	2

MONITORING WELLS			
	Pressure (inches H <sub>2</sub> O)	DO mg/L	DTW (ft TOC)
MW-1	--	1.7	2.9
MW-3	-	1.5	3.2
MW-4	-	1.2	TOC
MW-5	-	1.7	TOC
MW-7	--	0.8	2.6

Temp (°F) heat exchanger:

Pre 190

Post 90

System pressure (psi, pre heat eachanger): 15 psi

System pressure (psi, post heat exchanger): 15 psi

Hour meter 2788.6 @ 1:00 pm.

Check Air Compressor Intake Filter OK

Check Compressor Bleed Air Filter OK

Notes/Observations/Repairs:

System shutdown off for DERM permit sampling on  
10/25/11

Safety Kleen

8755 NW 95th Street, Medley, FL

## SYSTEM O&amp;M LOG

Project #:

System status (on/off):

Arrive

Depart

EPA ID No. 984 171 694

AS

0

Recorded by: P. Adak

Additional Personnel on site: NA

Site Conditions:

Clear, Sunny

\*0=off, 1=on

AIR SPARGE POINTS		
ID	Pressure (psi)	Flow (scfm)
AS-1	/	/
AS-2	/	/
AS-3		
AS-4		
MW-4D		
MW-5D		

MONITORING WELLS			
	Pressure (inches H <sub>2</sub> O)	DO mg/L	DTW (ft TOC)
MW-1			3.20
MW-3	/	/	2.65
MW-4	/	/	4.05
MW-5	/	/	4.5
MW-7			3.70

Temp (°F) heat exchanger:

Pre \_\_\_\_\_

Post \_\_\_\_\_

System pressure (psi, pre heat eachanger): Normal conditionSystem pressure (psi, post heat exchanger): 11Hour meter 2788.8 @ 1615Check Air Compressor Intake Filter Needs to be changedCheck Compressor Bleed Air Filter Needs to be changedNotes/Observations/Repairs: System off on arrival

Sparge compressor was pressure alarm on. Appears that system was not running since 10/26. Check if system was restarted after previous sampling event. System keeps shutting off after several attempts of restarting system and trying several pressure parameters. System pressure (pre and post heat exchanger) seem to keep steady after restarting but switches off without any indication of pressure drop off. Called Chris Schmidt and left a message for technical assistance. Site about to close for business, left site (HFC 1645)

Safety Kleen

8755 NW 95th Street, Medley, FL

## SYSTEM O&amp;M LOG

Project #:

System status (on/off):

Arrive

Depart

EPA ID No. 984 171 694

AS

1

1

Date: 12/28/11 Time: 9:00

Recorded by: S. Thakar

Site Conditions:

Sunny + chilly (SD°F)

Additional Personnel on site: \_\_\_\_\_

Project #:	System status (on/off):	Arrive	Depart
EPA ID No. 984 171 694	AS	1	1

\*0=off, 1=on

AIR SPARGE POINTS		
ID	Pressure (psi)	Flow (scfm)
AS-1	12	2.5
AS-2	11	2.0
AS-3	11	2.0
AS-4	16	2.5
MW-4D	13	3.5
MW-5D	16	2.0

tech cleanin

the in stramflow

MONITORING WELLS			
	Pressure (inches H <sub>2</sub> O)	DO mg/L	DTW (ft TOC)
MW-1	-	1.31	3.37
MW-3	-	1.8	TOL
MW-4	-	1.31	TOL
MW-5	-	1.76	TOL
MW-7	-	0.69	3.9

Temp (°F) heat exchanger:

Pre 162°F

Post 70°F

System pressure (psi, pre heat eachanger): 19

System pressure (psi, post heat exchanger): 17

Hour meter 3291.1 @ 10:10am

Check Air Compressor Intake Filter DK

Check Compressor Bleed Air Filter DK

Notes/Observations/Repairs:

system on, when leave site @ 10:15

11/8/11

obj: complete 4+5 soil borings @ SK MEDLEY

perm: SATYEN T. & JACKSON HUBBARD / ECT  
JIM EDWARDS / DRILLER

8:45 LOAD TRUCK + BEGIN MOBILIZATION TO SITE

~ 10:00 MEET SUB-CONTRACTOR ON SITE, CHECK IN @ FRONT OFFICE

BEGIN SB @ SB #18, ~ 4-5 INCH CONCRETE  
SUB SURFACE CORING MACHINE, MADE 4 BORINGS  
AROUND MW +5

+ ST CALLED RICK S. (P.M.) TO VERIFY THE LOCATION

@ SB +18

11:00 - ECT DUG UPTO 1FT BLS AND COLLECT ARSENIC SAMPLE

11:15 - ADVANCED 1/2 FOOT FURTHER & COLLECT VOLATILE SOIL SAMPLES [FOR VOLATILE ANALYSIS]

@ SB -19

11:40 - ECT DUG 1FT BLS AND COLLECT SOIL SAMPLES FOR ARSENIC ANALYSIS

11:45 - ADVANCE 1/2 FT FURTHER & COLLECT SOIL SAMPLES [FOR VOLATILE ANALYSIS]

@ SB -17

12:00 + 1FT BLS SOIL FOR ARSENIC ANALYSIS

12:15 - 1.5FT BLS SOIL FOR VOLATILE ANALYSIS

@ SB +16

12:30 - 1FT BLS SOIL SAMPLES FOR ARSENIC ANALYSIS

12:45 - 1.5FT BLS SOIL SAMPLES FOR VOLATILE ANALYSIS

Continued on Page

Read and Understood By

Cathy T.

Signed

4/09/11

Date

Signed

Date

SK Medbay / ID-0666

080000 0

contd.

- SUBCONTRACTOR FILLED / COVERED ALL FOUR (4) LOCATIONS BACKFILL WI ASPHALT [TOP LAYER]
- HE LEAVE
- ECT MOVED TO SB-2 LOCATION [MAP 13, RAT]  
@ 2FT RADNS FR  
DVB EAST ST.

1300 - 2FT EAST OF SB-2, DIG 1FT BLs, COLLECT SOIL SAMPLES @ 1FT BLs [for Arsenic]

1320 - 2FT, SOUTH OF SB-2, DIG 1FT BLs, COLLECT SOIL SAMPLES @ 1FT BLs [for Arsenic]

1340 - 2FT, NORTH WEST OF SB-2, DIG & COLLECT SOIL SAMPLES @ 1FT BLs [for Arsenic]

NOTE: EQUIPMENT BLANK COLLECTED FOR ARSENIC ~ 122 EB, BLANK FDR VOLATILES COLLECTED ~ 11:50

- COLLECT ALL TRASH, SECURE SITE & LEAVE
- ✓ 1445 - OFFICE UNLOAD TRUCK,

Continued on Page

Read and Underood By

Satyendra

1/18/12  
Date

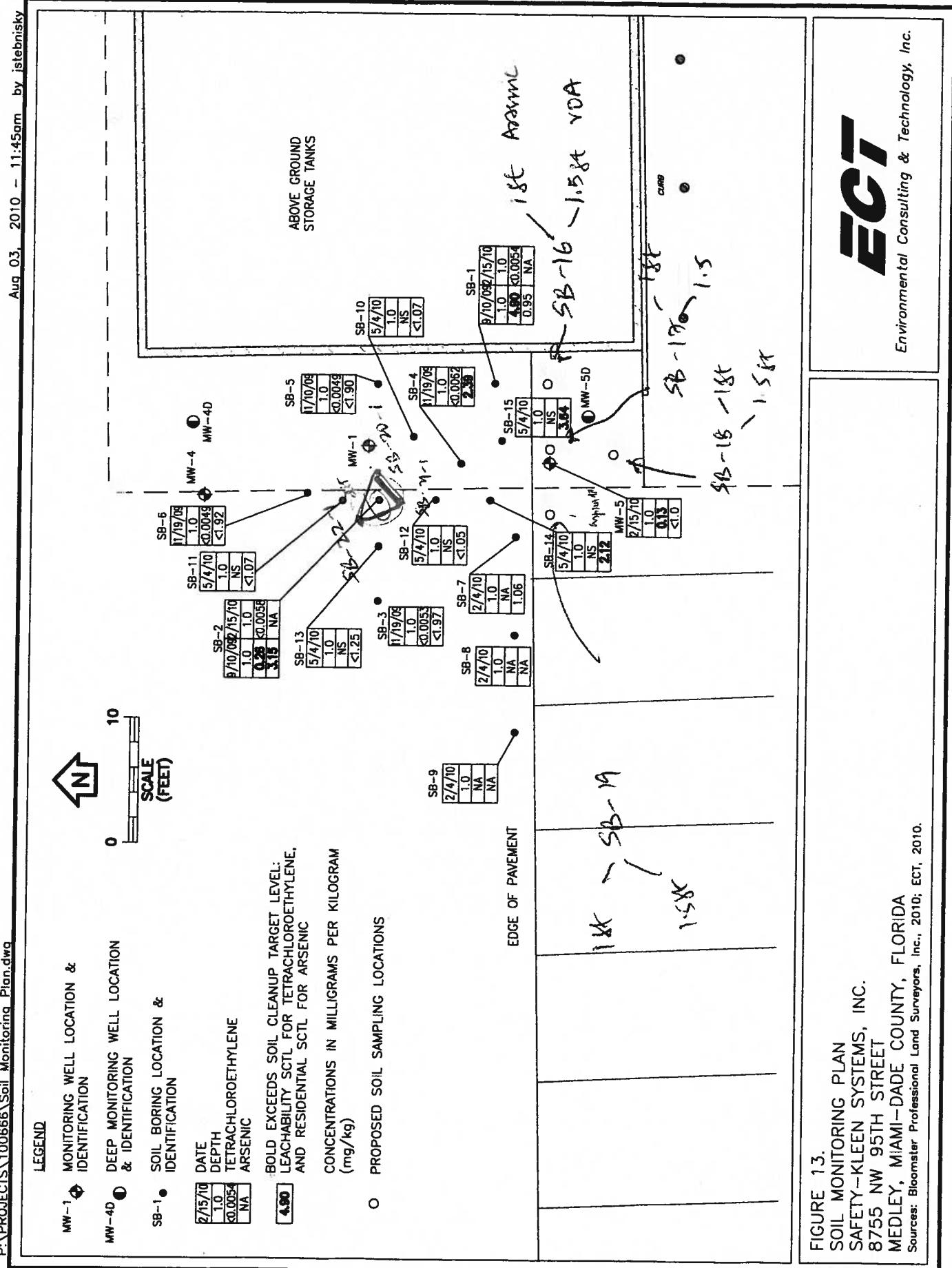
Signed

Date

246K S → 813 - 610 - 8811

P:\PROJECTS\100666\Soil Monitoring Plan.dwg

Aug 03, 2010 = 11:45am by istebinski



20-09

# CHAIN OF CUSTODY RECORD



**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 or 1

ANALYSIS REQUESTED										PRESERVATION			
CLIENT NAME:	CLIENT ADDRESS/PHONE NUMBER/FAX NUMBER:			CONTAINER TYPE	P	CONTAINER TYPE	P						
RICK STEBNISKY	1408 N. WESTSHORE Blvd, SUITE 115 TAMPA, FL 33607			Preservation	A	PLASTIC	HCl, 4°						
REPORT TO:	CC: PO #:			# of	B	AMBER GLASS	H <sub>2</sub> SO <sub>4</sub> , 4°						
REQUESTED COMPLETION DATE:	STD TAT			C	G	CLEAR GLASS	HNO <sub>3</sub> , 4°						
PROJECT NAME/STATE:	SK MEDLEY / FL			O	V	VO VIAL	NaOH, 4°						
PROJECT #: 10-0666/2222				N	S	STERILE	NaOH/ZnAc, 4°						
				O	D	OTHER	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> , 4°						
				N	U	MATRIX CODES:	7-4°						
				M	DW	DRINKING WATER	S - SOIL						
				WW	WW	WASTEWATER	SL - SLUDGE						
				GW	GW	GROUNDWATER	SD - SOLID						
				SW	SW	SURFACE WATER	A - AIR						
				ST	ST	STORM WATER	L - LIQUID						
				W	W	WATER	P - PRODUCT						
ARSENIC										REMARKS/ADDITIONAL INFORMATION			
11/16/12	11:00	5	C	SB-18-1.0	1	X							
	11:15	5	C	SB-18-1.5	4	X							
	11:40	5	C	SB-19-1.0	1	X							
	11:45	5	C	SB-19-1.5	4	X							
	12:00	5	C	SB-19-1.0	1	X							
	12:15	5	C	SB-19-1.5	4	X							
	12:30	5	C	SB-16-1.0	1	X							
	12:45	5	C	SB-16-1.5	4	X							
	13:00	5	C	SB-20-1.0	1	X							
	13:20	5	C	SB-21-1.0	1	X							
	13:40	5	C	SB-22-1.0	1	X							
	11:55	W	C	ESCRIMENT BLANK	3	✓							
	12:20	W		ESCRIMENT BLANK	1	✓							
SAMPLED BY AND TITLE: CAT YEN T. FECT				DATE/TIME:	RELINQUISHED BY:				DATE/TIME:	FOR LAB USE ONLY			
				DATE/TIME:					DATE/TIME:				
RECEIVED BY LAB:				DATE/TIME:	SAMPLE SHIPPED VIA:				DATE/TIME:				
pH:	Labeled Preserved			DATE/TIME:	UPS	FED-EX	COURIER	CLIENT	OTHER:	LAB #:			
	Ice: Yes or No			Temperature:	Custody Seal:		Intact	Broken	Missing	Entered Into LIMS:			
Please use Black Ink to complete form.													

## **APPENDIX D**

### **LABORATORY SOIL 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 - Norcross**  
**1502 E. Villa Street**  
**Elgin, IL 60120**

**Attention: Mr. Bob Schoepke**

**Report Number: ATE0104**

**January 13, 2012**

**Project: Medley, FL**

**Project #:090634-2222**

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

Approved:

Elizabeth Bryant  
Project Manager

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.

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

Attention: Mr. Bob Schoepke

January 13, 2012

## ANALYTICAL REPORT FOR SAMPLES

<u>Sample ID</u>	<u>Laboratory ID</u>	<u>Matrix</u>	<u>Date Sampled</u>	<u>Date Received</u>
SB-10	ATE0104-06	Soil	05/04/10 12:30	05/05/10 09:15
SB-11	ATE0104-07	Soil	05/04/10 12:45	05/05/10 09:15
SB-12	ATE0104-08	Soil	05/04/10 13:10	05/05/10 09:15
SB-13	ATE0104-09	Soil	05/04/10 13:30	05/05/10 09:15
SB-14	ATE0104-10	Soil	05/04/10 13:45	05/05/10 09:15
SB-15	ATE0104-11	Soil	05/04/10 14:00	05/05/10 09:15



## **ANALYTICAL SERVICES, INC.**

---

Environmental Monitoring & Laboratory Analysis  
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Safety-Kleen Corporation - Norcross  
1502 E. Villa Street  
Elgin IL, 60120

Attention: Mr. Bob Schoepke

January 13, 2012

### **Case Narrative**

Revised report 01/13/12:

Per client request, report metals down to the MDL. Only metals samples included in final report. EAB



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

Attention: Mr. Bob Schoepke

January 13, 2012

Report No.: ATE0104

Project: Medley, FL

Client ID: SB-10

Lab Number ID: ATE0104-06

Date/Time Sampled: 5/4/2010 12:30:00PM

Date/Time Received: 5/5/2010 9:15:00AM

Matrix: Soil

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
<b>General Chemistry</b>											
% Solids	86.8	0.04	0.04	% by Weight	SOP Moisture		1	05/10/10 14:40	05/10/10 14:40	0050160	MZP
<b>Metals, Total</b>											
Arsenic	ND	1.07	0.42	mg/kg dry	EPA 6010C		1	05/11/10 11:30	05/17/10 14:03	0050252	FBS



# ANALYTICAL SERVICES, INC.

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110 Technology Parkway, Norcross, GA 30092  
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Safety-Kleen Corporation - Norcross  
1502 E. Villa Street  
Elgin IL, 60120

Attention: Mr. Bob Schoepke

January 13, 2012

Report No.: ATE0104

Project: Medley, FL

Client ID: SB-11

Lab Number ID: ATE0104-07

Date/Time Sampled: 5/4/2010 12:45:00PM

Date/Time Received: 5/5/2010 9:15:00AM

Matrix: Soil

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
<b>General Chemistry</b>											
% Solids	88.5	0.04	0.04	% by Weight	SOP Moisture		1	05/10/10 14:40	05/10/10 14:40	0050160	MZP
<b>Metals, Total</b>											
Arsenic	ND	1.07	0.42	mg/kg dry	EPA 6010C		1	05/11/10 11:30	05/17/10 14:09	0050252	FBS



# ANALYTICAL SERVICES, INC.

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110 Technology Parkway, Norcross, GA 30092  
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Safety-Kleen Corporation - Norcross  
1502 E. Villa Street  
Elgin IL, 60120

Attention: Mr. Bob Schoepke

January 13, 2012

Report No.: ATE0104

Project: Medley, FL

Client ID: SB-12

Lab Number ID: ATE0104-08

Date/Time Sampled: 5/4/2010 1:10:00PM

Date/Time Received: 5/5/2010 9:15:00AM

Matrix: Soil

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
<b>General Chemistry</b>											
% Solids	95.2	0.04	0.04	% by Weight	SOP Moisture		1	05/10/10 14:40	05/10/10 14:40	0050160	MZP
<b>Metals, Total</b>											
Arsenic	0.42	1.05	0.41	mg/kg dry	EPA 6010C	J	1	05/11/10 11:30	05/17/10 14:14	0050252	FBS



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110 Technology Parkway, Norcross, GA 30092  
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Safety-Kleen Corporation - Norcross  
1502 E. Villa Street  
Elgin IL, 60120

Attention: Mr. Bob Schoepke

January 13, 2012

Report No.: ATE0104

Project: Medley, FL

Client ID: SB-13

Lab Number ID: ATE0104-09

Date/Time Sampled: 5/4/2010 1:30:00PM

Date/Time Received: 5/5/2010 9:15:00AM

Matrix: Soil

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
<b>General Chemistry</b>											
% Solids	79.8	0.04	0.04	% by Weight	SOP Moisture		1	05/10/10 14:40	05/10/10 14:40	0050160	MZP
<b>Metals, Total</b>											
Arsenic	1.24	1.25	0.49	mg/kg dry	EPA 6010C	J	1	05/11/10 11:30	05/17/10 14:20	0050252	FBS



# ANALYTICAL SERVICES, INC.

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

Attention: Mr. Bob Schoepke

January 13, 2012

Report No.: ATE0104

Project: Medley, FL

Client ID: SB-14

Lab Number ID: ATE0104-10

Date/Time Sampled: 5/4/2010 1:45:00PM

Date/Time Received: 5/5/2010 9:15:00AM

Matrix: Soil

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
<b>General Chemistry</b>											
% Solids	90.8	0.04	0.04	% by Weight	SOP Moisture		1	05/10/10 14:40	05/10/10 14:40	0050160	MZP
<b>Metals, Total</b>											
Arsenic	2.12	1.06	0.42	mg/kg dry	EPA 6010C		1	05/11/10 11:30	05/17/10 14:25	0050252	FBS



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

Attention: Mr. Bob Schoepke

January 13, 2012

Report No.: ATE0104

Project: Medley, FL

Client ID: SB-15

Lab Number ID: ATE0104-11

Date/Time Sampled: 5/4/2010 2:00:00PM

Date/Time Received: 5/5/2010 9:15:00AM

Matrix: Soil

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
<b>General Chemistry</b>											
% Solids	69.5	0.04	0.04	% by Weight	SOP Moisture		1	05/10/10 14:40	05/10/10 14:40	0050160	MZP
<b>Metals, Total</b>											
Arsenic	3.64	1.44	0.57	mg/kg dry	EPA 6010C		1	05/11/10 11:30	05/17/10 14:45	0050252	FBS



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

Attention: Mr. Bob Schoepke

January 13, 2012

**Report No.: ATE0104**

## General Chemistry - Quality Control

Analyte	Result	RL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	----	-----	-------	-------------	---------------	------	-------------	-----	-----------	-------

### **Batch 0050160 - % Solids**

Duplicate (0050160-DUP1)	Source: ATE0246-01				Prepared & Analyzed: 05/10/10						
% Solids	86.9	0.04	0.04	% by Weight	86.5		0.4	12			



# ANALYTICAL SERVICES, INC.

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

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

Attention: Mr. Bob Schoepke

January 13, 2012

**Report No.: ATE0104**

## Metals, Total - Quality Control

Analyte	Result	RL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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### **Batch 0050252 - EPA 3050B**

Blank (0050252-BLK1)							Prepared: 05/11/10 Analyzed: 05/17/10			
Arsenic	ND	1.00	0.40	mg/kg wet						
LCS (0050252-BS1)							Prepared: 05/11/10 Analyzed: 05/17/10			
Arsenic	102	3.00	0.40	mg/kg wet	100.00		102	80-120		
Matrix Spike (0050252-MS1)							Source: ATE0104-08 Prepared: 05/11/10 Analyzed: 05/17/10			
Arsenic	114	3.15	0.41	mg/kg dry	105.01	0.42	108	75-125		
Matrix Spike Dup (0050252-MSD1)							Source: ATE0104-08 Prepared: 05/11/10 Analyzed: 05/17/10			
Arsenic	110	3.15	0.41	mg/kg dry	105.01	0.42	105	75-125	3	20
Post Spike (0050252-PS1)							Source: ATE0104-08 Prepared: 05/11/10 Analyzed: 05/17/10			
Arsenic	1.09			mg/L	1.0000	0.004	109	80-120		



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Attention: Mr. Bob Schoepke

January 13, 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



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Attention: Mr. Bob Schoepke

January 13, 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.**



## **ANALYTICAL SERVICES, INC.**

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Elgin IL. 60120

Attention: Mr. Bob Schoepke

January 13, 2012

## Report Notes

The samples MW-5 Dup and Trip Blank for volatiles were present in the cooler but were not listed on the COC. CFH

ANALYSIS REQUESTED									
CLIENT NAME: <b>ECT</b>		CLIENT ADDRESS/PHONE NUMBER/FAX NUMBER:		CONTAINER TYPE:		PRESERVATION:			
<i>Electro Scientific</i> REBORT TO: <i>Circle St. &amp; 3rd St.</i>		CC: #41		A. PLASTIC B. AMBER GLASS C. CLEAR GLASS D. VIAL E. STERILE F. OTHER		1-HCl, 4° 2-H2SO4, 4° 3-HNO3, 4° 4-NaOH, 4° 5-NaOAc, 4° 6-Na2S2O3, 4°			
REQUESTED COMPLETION DATE: PROJECT #: <b>090634-2222</b>		PO #: T		N		7.4°			
PROJECT NAME/STATE: <i>Safety Elem. Medley, FL</i>		TIME		MATRIX CODE:		MATRIX CODES:		REMARKS/ADDITIONAL INFORMATION	
DATE	TIME	MATRIX CODE	C O R	H A	P B	DW - DRINKING WATER WW - WASTEWATER GW - GROUNDWATER SW - SURFACE WATER ST - STORM WATER W - WATER	S - SOIL SL - SLUDGE SD - SOLID A - AIR L - LIQUID P - PRODUCT	1	
5/4	1025'	GW	6	MW-5		3	1	2	
	1040'		1	MW-5D				3	
	1105'			MW-4				4	
	1125'			MW-4D				5	
	1205'		✓	MW-3	✓			6	
	1230'	SD	✓	SB-10	1			7	
	1245'		1	SB-11				8	
	1310'			SB-12				9	
	1330'			SB-13				10	
	1345'			SB-14				11	
	1400'	✓		SB-15				12	
	1405'	W	✓	E&				13	
SAMPLED BY AND TITLE: <i>Pauline J. A.</i>		DATE/TIME: 5/4/10		REINFORCED BY: <i>Ashley</i>		DATE/TIME: 5/11/10		FOR LAB USE ONLY <i>ATE 004</i>	
RECEIVED BY: <i>Pauline J. A.</i>		DATE/TIME: 5/5/10		SAMPLE SHARDED VIA: UPS or Air Mail		DATE/TIME: 5/5/10		LAB #: <i>V6</i>	
RELENTED BY: <i>Pauline J. A.</i>		DATE/TIME: 5/5/10		COURIER Temp Req: or No Contact		CLIENT Temp Req: or No Contact		Inhouse location: <i>2nd fl</i>	
				OTHER: Broken Missing				Entered into LIMS: <i>PAULINE J. A.</i>	

171050

**CHAIN OF CUSTODY RECORD**



# ANALYTICAL SERVICES, INC.

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

## LOG-IN CHECKLIST

Printed: 1/13/2012 5:00:09PM

**Attn:** Mr. Bob Schoepke

**Client:** Safety-Kleen Corporation - Norcross  
**Project:** Medley, FL  
**Date Received:** 05/05/10 09:15

**Work Order:** ATE0104  
**Logged In By:** Charles Hawks

### OBSERVATIONS

**#Samples:** 14                    **#Containers:** 27  
**Minimum Temp(C):** 2.0        **Maximum Temp(C):** 2.0        **Custody Seal(s) Used:** Yes

### CHECKLIST ITEMS

COC included with Samples	YES
Sample Container(s) Intact	YES
Chain of Custody Complete	YES
Sample Container(s) Match COC	NO
Custody seal Intact	YES
Temperature in Compliance	YES
Sufficient Sample Volume for Analysis	YES
Zero Headspace Maintained for VOA Analyses	YES
Samples labeled preserved (If Applicable)	YES
Samples received within Allowable Hold Times	YES
Samples Received on Ice	YES
Preservation Confirmed	YES

### **Comments:**

The samples MW-5 Dup and Trip Blank for volatiles were present in the cooler but were not listed on the COC. CFH



# 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 - Norcross**  
**1502 E. Villa Street**  
**Elgin, IL 60120**

**Attention: Mr. Bob Schoepke**

**Report Number: ASK0731**

**January 13, 2012**

**Project: Medley, FL**

**Project #:[none]**

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

Approved:

Elizabeth Bryant  
Project Manager

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.



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Elgin IL, 60120

Attention: Mr. Bob Schoepke

January 13, 2012

## ANALYTICAL REPORT FOR SAMPLES

<b><u>Sample ID</u></b>	<b><u>Laboratory ID</u></b>	<b><u>Matrix</u></b>	<b><u>Date Sampled</u></b>	<b><u>Date Received</u></b>
SB-3	ASK0731-01	Soil	11/19/09 09:55	11/20/09 08:45
SB-4	ASK0731-02	Soil	11/19/09 09:55	11/20/09 08:45
SB-5	ASK0731-03	Soil	11/19/09 11:10	11/20/09 08:45
SB-6	ASK0731-04	Soil	11/19/09 11:45	11/20/09 08:45



## **ANALYTICAL SERVICES, INC.**

---

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1502 E. Villa Street  
Elgin IL, 60120

Attention: Mr. Bob Schoepke

January 13, 2012

### **Case Narrative**

Report revised 12/10/2009:  
Lowered As reporting limits per client request. EAB

Report revised 01/13/2012:  
Per client request, report metals down to the MDL . Only Metals included in revised report. EAB



# ANALYTICAL SERVICES, INC.

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Elgin IL, 60120

Attention: Mr. Bob Schoepke

January 13, 2012

Report No.: ASK0731

Project: Medley, FL

Client ID: SB-3

Lab Number ID: ASK0731-01

Date/Time Sampled: 11/19/2009 9:55:00AM

Date/Time Received: 11/20/2009 8:45:00AM

Matrix: Soil

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
<b>General Chemistry</b>											
% Solids	92.2	0.04	0.04	% by Weight	SOP Moisture		1	11/23/09 13:25	11/23/09 13:25	A911688	GOV
<b>Metals, Total</b>											
Arsenic	1.76	1.97	0.49	mg/kg dry	EPA 6010C	J	1	12/01/09 11:15	12/02/09 16:25	A911795	FBS
Barium	17.5	0.99	0.36	mg/kg dry	EPA 6010C		1	12/01/09 11:15	12/02/09 16:25	A911795	FBS



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1502 E. Villa Street  
Elgin IL, 60120

Attention: Mr. Bob Schoepke

January 13, 2012

Report No.: ASK0731

Project: Medley, FL

Client ID: SB-4

Lab Number ID: ASK0731-02

Date/Time Sampled: 11/19/2009 9:55:00AM

Date/Time Received: 11/20/2009 8:45:00AM

Matrix: Soil

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
<b>General Chemistry</b>											
% Solids	85.6	0.04	0.04	% by Weight	SOP Moisture		1	11/23/09 13:25	11/23/09 13:25	A911688	GOV
<b>Metals, Total</b>											
Arsenic	2.39	2.34	0.58	mg/kg dry	EPA 6010C		1	12/01/09 11:15	12/02/09 16:31	A911795	FBS
Barium	26.4	1.17	0.43	mg/kg dry	EPA 6010C		1	12/01/09 11:15	12/02/09 16:31	A911795	FBS



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1502 E. Villa Street  
Elgin IL, 60120

Attention: Mr. Bob Schoepke

January 13, 2012

Report No.: ASK0731

Project: Medley, FL

Client ID: SB-5

Lab Number ID: ASK0731-03

Date/Time Sampled: 11/19/2009 11:10:00AM

Date/Time Received: 11/20/2009 8:45:00AM

Matrix: Soil

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
<b>General Chemistry</b>											
% Solids	97.5	0.04	0.04	% by Weight	SOP Moisture		1	11/23/09 13:25	11/23/09 13:25	A911688	GOV
<b>Metals, Total</b>											
Arsenic	0.82	1.90	0.47	mg/kg dry	EPA 6010C	J	1	12/01/09 11:15	12/02/09 16:39	A911795	FBS
Barium	15.6	0.95	0.35	mg/kg dry	EPA 6010C		1	12/01/09 11:15	12/02/09 16:39	A911795	FBS



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

Attention: Mr. Bob Schoepke

January 13, 2012

Report No.: ASK0731

Project: Medley, FL

Client ID: SB-6

Lab Number ID: ASK0731-04

Date/Time Sampled: 11/19/2009 11:45:00AM

Date/Time Received: 11/20/2009 8:45:00AM

Matrix: Soil

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
<b>General Chemistry</b>											
% Solids	96.6	0.04	0.04	% by Weight	SOP Moisture		1	11/23/09 13:25	11/23/09 13:25	A911688	GOV
<b>Metals, Total</b>											
Arsenic	0.68	1.92	0.47	mg/kg dry	EPA 6010C	J	1	12/01/09 11:15	12/02/09 16:44	A911795	FBS
Barium	17.0	0.96	0.35	mg/kg dry	EPA 6010C		1	12/01/09 11:15	12/02/09 16:44	A911795	FBS



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1502 E. Villa Street  
Elgin IL, 60120

Attention: Mr. Bob Schoepke

January 13, 2012

**Report No.: ASK0731**

## General Chemistry - Quality Control

Analyte	Result	RL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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### Batch A911688 - % Solids

Duplicate (A911688-DUP1)	Source: ASK0731-03				Prepared & Analyzed: 11/23/09						
% Solids	95.9	0.04	0.04	% by Weight	97.5		2	12			



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Elgin IL, 60120

Attention: Mr. Bob Schoepke

January 13, 2012

**Report No.: ASK0731**

## Metals, Total - Quality Control

Analyte	Result	RL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch A911795 - EPA 3050B</b>											
<b>Blank (A911795-BLK1)</b>											
Arsenic	ND	3.00	0.49	mg/kg wet							
Barium	ND	1.00	0.36	mg/kg wet							
Cadmium	ND	1.00	0.26	mg/kg wet							
Chromium	ND	1.00	0.31	mg/kg wet							
Lead	ND	2.50	0.32	mg/kg wet							
Selenium	ND	4.00	2.03	mg/kg wet							
Silver	ND	1.00	0.27	mg/kg wet							
<b>Blank (A911795-BLK2)</b>											
Arsenic	ND	3.00	0.49	mg/kg wet							
Barium	ND	1.00	0.36	mg/kg wet							
Cadmium	ND	1.00	0.26	mg/kg wet							
Chromium	ND	1.00	0.31	mg/kg wet							
Lead	0.37	2.50	0.32	mg/kg wet							J
Selenium	ND	4.00	2.03	mg/kg wet							
Silver	ND	1.00	0.27	mg/kg wet							
<b>LCS (A911795-BS1)</b>											
Arsenic	97.6	3.00	0.49	mg/kg wet	100.00		98	80-120			
Barium	101	1.00	0.36	mg/kg wet	100.00		101	80-120			
Cadmium	98.8	1.00	0.26	mg/kg wet	100.00		99	80-120			
Chromium	101	1.00	0.31	mg/kg wet	100.00		101	80-120			
Lead	99.9	2.50	0.32	mg/kg wet	100.00		100	80-120			
Selenium	95.7	4.00	2.03	mg/kg wet	100.00		96	80-120			
Silver	103	1.00	0.27	mg/kg wet	100.00		103	80-120			
<b>Matrix Spike (A911795-MS1)</b>											
				<b>Source: ASK0731-02</b>							
Arsenic	98.4	3.50	0.58	mg/kg dry	116.82	2.39	82	75-125			
Barium	120	1.17	0.43	mg/kg dry	116.82	26.4	80	75-125			
Cadmium	89.1	1.17	0.31	mg/kg dry	116.82	0.46	76	75-125			
Chromium	104	1.17	0.37	mg/kg dry	116.82	12.5	78	75-125			
Lead	105	2.92	0.38	mg/kg dry	116.82	18.0	75	75-125			
Selenium	77.5	4.67	2.38	mg/kg dry	116.82	ND	66	75-125			QM-12
Silver	100	1.17	0.32	mg/kg dry	116.82	ND	86	75-125			



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1502 E. Villa Street  
Elgin IL, 60120

Attention: Mr. Bob Schoepke

January 13, 2012

**Report No.: ASK0731**

## Metals, Total - Quality Control

Analyte	Result	RL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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### Batch A911795 - EPA 3050B

Matrix Spike Dup (A911795-MSD1)				Source: ASK0731-02			Prepared: 12/01/09 Analyzed: 12/02/09				
Arsenic	60.9	3.50	0.58	mg/kg dry	116.82	2.39	50	75-125	47	20	QM-12, QR-03
Barium	70.3	1.17	0.43	mg/kg dry	116.82	26.4	38	75-125	52	20	QM-12, QR-03
Cadmium	58.0	1.17	0.31	mg/kg dry	116.82	0.46	49	75-125	42	20	QM-12, QR-03
Chromium	63.1	1.17	0.37	mg/kg dry	116.82	12.5	43	75-125	49	20	QM-12, QR-03
Lead	67.7	2.92	0.38	mg/kg dry	116.82	18.0	43	75-125	43	20	QM-12, QR-03
Selenium	49.1	4.67	2.38	mg/kg dry	116.82	ND	42	75-125	45	20	QM-12, QR-03
Silver	67.8	1.17	0.32	mg/kg dry	116.82	ND	58	75-125	39	20	QM-12, QR-03

Post Spike (A911795-PS1)				Source: ASK0731-02			Prepared: 12/01/09 Analyzed: 12/02/09				
Arsenic	0.97			mg/kg	1.0000	0.02	95	80-120			
Barium	1.13			mg/kg	1.0000	0.23	90	80-120			
Cadmium	0.88			mg/kg	1.0000	0.004	87	80-120			
Chromium	0.99			mg/kg	1.0000	0.11	89	80-120			
Lead	1.01			mg/kg	1.0000	0.15	86	80-120			
Selenium	0.77			mg/kg	1.0000	ND	77	80-120			QM-12
Silver	0.97			mg/kg	1.0000	ND	97	80-120			



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Attention: Mr. Bob Schoepke

January 13, 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



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Attention: Mr. Bob Schoepke

January 13, 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

- QR-03** The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to suspected matrix interference and/or non-homogeneous sample matrix.
- QM-12** The spike recovery was outside acceptance limits for the MS and/or MSD and the PDS due to suspected matrix interference. The LCS was within acceptance limits.
- 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.**



## **ANALYTICAL SERVICES, INC.**

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

Attention: Mr. Bob Schoepke

January 13, 2012

## Report Notes

The sample type and trip blank was not listed on the COC. CFH

168525

CHAIN OF CUSTODY RECORD

ASI

**ANALYTICAL SERVICES, INC.**  
ENVIRONMENTAL MONITORING & LABORATORY ANALYSIS  
110 TECHNOLOGY PARKWAY NORCROSS, GA 30092  
(770) 734-4200 • FAX (770) 734-4201 • [www.ashlab.com](http://www.ashlab.com)

PAGE: 1 OF 1

1 DECEMBER 2000



# 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 - Norcross**  
**1502 E. Villa Street**  
**Elgin, IL 60120**

**Attention: Mr. Bob Schoepke**

**Report Number: ATE0584**

**January 16, 2012**

**Project: Medley, FL**

**Project #:09-0634**

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

Approved:

Elizabeth Bryant  
Project Manager

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Analytical Services, Inc. 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.



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Attention: Mr. Bob Schoepke

January 16, 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-5	ATE0584-01	Soil	02/05/10 11:35	02/09/10 10:30



## **ANALYTICAL SERVICES, INC.**

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### **Case Narrative**

Revised report 01/16/12:  
Per client request, result reported down to the MDL. EAB



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Attention: Mr. Bob Schoepke

January 16, 2012

Report No.: ATE0584

Project: Medley, FL

Client ID: MW-5

Lab Number ID: ATE0584-01

Date/Time Sampled: 2/5/2010 11:35:00AM

Date/Time Received: 2/9/2010 10:30:00AM

Matrix: Soil

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
<b>General Chemistry</b>											
% Solids	95.0	0.04	0.04	% by Weight	SOP Moisture	H-01	1	05/20/10 14:55	05/20/10 14:55	0050408	MZP
<b>Metals, Total</b>											
Arsenic	0.69	1.00	0.40	mg/kg dry	EPA 6010C	J	1	05/20/10 11:00	05/21/10 14:49	0050488	FBS



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January 16, 2012

**Report No.: ATE0584**

## General Chemistry - Quality Control

Analyte	Result	RL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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### **Batch 0050408 - % Solids**

Duplicate (0050408-DUP1)	Source: ATE0584-01				Prepared & Analyzed: 05/20/10						
% Solids	95.0	0.04	0.04	% by Weight	95.0		0.03	12			



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January 16, 2012

**Report No.: ATE0584**

## Metals, Total - Quality Control

Analyte	Result	RL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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### **Batch 0050488 - EPA 3050B**

Blank (0050488-BLK1)							Prepared: 05/19/10 Analyzed: 05/21/10			
Arsenic	ND	1.00	0.40	mg/kg wet						
Blank (0050488-BLK2)							Prepared: 05/20/10 Analyzed: 05/21/10			
Arsenic	ND	1.00	0.40	mg/kg wet						
LCS (0050488-BS1)							Prepared: 05/19/10 Analyzed: 05/21/10			
Arsenic	95.9	3.00	0.40	mg/kg wet	100.00		96	80-120		
LCS (0050488-BS2)							Prepared: 05/20/10 Analyzed: 05/21/10			
Arsenic	96.6	3.00	0.40	mg/kg wet	100.00		97	80-120		
Matrix Spike (0050488-MS1)							Prepared: 05/19/10 Analyzed: 05/21/10			
Arsenic	99.4	3.00	0.40	mg/kg dry	100.10	1.71	98	75-125		
Matrix Spike Dup (0050488-MSD1)							Prepared: 05/19/10 Analyzed: 05/21/10			
Arsenic	99.5	3.00	0.40	mg/kg dry	100.10	1.71	98	75-125	0.09	20
Post Spike (0050488-PS1)							Prepared: 05/19/10 Analyzed: 05/21/10			
Arsenic	1.00			mg/L	1.0000	0.02	99	80-120		



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January 16, 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



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January 16, 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

- R-01** Elevated reporting limit due to matrix interference.  
**J** Estimated value less than Reporting Limit (RL) but greater than Method Detection Limit(MDL) (CLP J-Flag).  
**H-01** Sample was received outside of the EPA recommended holding time or was received with insufficient time to run sample within the EPA recommended holding time.

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



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January 16, 2012

### Report Notes

The sample MW-5 was taken off hold for As on 05/19/2010. The sample type was not listed on the COC for MW-5. CFH



# ANALYTICAL SERVICES, INC.

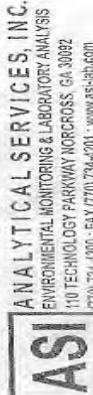
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Attention: Mr. Bob Schoepke

January 16, 2012

Case lot # 5205



## CHAIN OF CUSTODY RECORD

ANALYSIS REQUESTED					
CLIENT NAME: <b>EC-T</b>	CLIENT ADDRESS/PHONE NUMBER/EX. NUMBER:	SAMPLE ID#:	DATE/TIME:	LAB/TESTER:	PRESERVATION:
1448 N. W. 53rd St. 7th floor, FL 33136	1/3/2011 - 9338	F-8131226.95F8	1/4/11 11:15	ASL	P- PLASTIC 1-INCH <sup>4</sup> A- ALUMINUM GLASS 2-INCH <sup>4</sup> C- CLEAR GLASS 3-INCH <sup>4</sup> V- VIAL 4-INCH <sup>4</sup> S- STERILE 5-INCH <sup>4</sup> O- OTHER 6-INCH <sup>4</sup> H- HAZARDOUS 7-INCH <sup>4</sup> U- MEDIUM CODES D- DRAINING WATER 5-GAL W- WASTEWATER 5-LITERS G- GROUNDWATER SD - SOLID R- SURFACE WATER A- AIR ST- STORM WATER L- LIQUID V- WATER P- PRODUCT
PROJECT NAME/STATE: <b>Safety-Kleen Inc./FL</b>	PROJECT #: <b>Q-064</b>	SAMPLE IDENTIFICATION:			
DATE	TIME	MATRIX CODE	TESTER	REMARKS/CONDITION/DEGRADATION	
2/4/10	14:30	S	SB-1	✓	HOLD
	14:35	/	SB-2	✓	HOLD
	14:45	/	SB-1 - Reqd	✓	
	15:10	/	SB-2 - Reqd	✓	
2/4/10	15:22	W	Calibration/Blank	✓	HOLD
2/5/10	9:15	S	Water - 4	✓	
	9:40	W	Exempt/Blank	✓	
	9:45	S	Water - 6	✓	
	10:20	S	4110-7	✓	
	11:25	S	Water - 5	✓	1/4610 - As on w
	12:20	S	Water - 8	✓	HOLD
SAMPLE BY/NOTICE:	REQUISITION BY:	DATE/TIME:	REQUISITED BY:	DATE/TIME:	LAB #:
Bob Schoepke	John [Signature]	1/4/11 10:30	John [Signature]	1/4/11 10:30	John [Signature]
Printed Name and Initials	Date	Sample Shipped via:	Courier:	Other:	Initials:
		UPS	Courier	Other	
		or No			
		Temperature:	Quality Status:	Comments:	
			Cool	Broken	

Please use Black ink to complete form.



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January 16, 2012



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## LOG-IN CHECKLIST

Printed: 1/16/2012 1:52:10PM

**Attn:** Mr. Bob Schoepke

**Client:** Safety-Kleen Corporation - Norcross  
**Project:** Medley, FL  
**Date Received:** 02/09/10 10:30

**Work Order:** ATE0584  
**Logged In By:** Charles Hawks

### OBSERVATIONS

<b>#Samples:</b> 1	<b>#Containers:</b> 1
<b>Minimum Temp(C):</b> 2.0	<b>Maximum Temp(C):</b> 2.0
<b>Custody Seal(s) Used:</b> Yes	

### CHECKLIST ITEMS

COC included with Samples	YES
Sample Container(s) Intact	YES
Chain of Custody Complete	NO
Sample Container(s) Match COC	YES
Custody seal Intact	YES
Temperature in Compliance	YES
Sufficient Sample Volume for Analysis	YES
Zero Headspace Maintained for VOA Analyses	YES
Samples labeled preserved (If Applicable)	YES
Samples received within Allowable Hold Times	YES
Samples Received on Ice	YES
Preservation Confirmed	YES

### **Comments:**

The sample MW-5 was taken off hold for As on 05/19/2010. The sample type was not listed on the COC for MW-5. CFH



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## Laboratory Report

**Prepared For:**

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

**Attention: Mr. Bob Schoepke**

**Report Number: AVA0503**

**February 03, 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:

Elizabeth Bryant  
Project Manager

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1502 E. Villa Street  
Elgin IL, 60120

Attention: Mr. Bob Schoepke

February 03, 2012

## ANALYTICAL REPORT FOR SAMPLES

<u>Sample ID</u>	<u>Laboratory ID</u>	<u>Matrix</u>	<u>Date Sampled</u>	<u>Date Received</u>
SB-18-1.0	AVA0503-01	Soil	01/18/12 11:00	01/19/12 08:40
SB-18-1.5	AVA0503-02	Soil	01/18/12 11:15	01/19/12 08:40
SB-19-1.0	AVA0503-03	Soil	01/18/12 11:40	01/19/12 08:40
SB-19-1.5	AVA0503-04	Soil	01/18/12 11:45	01/19/12 08:40
SB-17-1.0	AVA0503-05	Soil	01/18/12 12:00	01/19/12 08:40
SB-17-1.5	AVA0503-06	Soil	01/18/12 12:15	01/19/12 08:40
SB-16-1.0	AVA0503-07	Soil	01/18/12 12:30	01/19/12 08:40
SB-16-1.5	AVA0503-08	Soil	01/18/12 12:45	01/19/12 08:40
SB-20-1.0	AVA0503-09	Soil	01/18/12 13:00	01/19/12 08:40
SB-21-1.0	AVA0503-10	Soil	01/18/12 13:20	01/19/12 08:40
SB-22-1.0	AVA0503-11	Soil	01/18/12 13:40	01/19/12 08:40
Equipment Blank	AVA0503-12	Water	01/18/12 11:50	01/19/12 08:40
Equipment Blank	AVA0503-13	Water	01/18/12 12:20	01/19/12 08:40



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1502 E. Villa Street  
Elgin IL, 60120

Attention: Mr. Bob Schoepke

February 03, 2012

Report No.: AVA0503

Project: Medley, FL

Client ID: SB-18-1.0

Lab Number ID: AVA0503-01

Date/Time Sampled: 1/18/2012 11:00:00AM

Date/Time Received: 1/19/2012 8:40:00AM

Matrix: Soil

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
<b>General Chemistry</b>											
% Solids	87.4	0.04	0.04	% by Weight	SOP Moisture		1	01/19/12 15:34	01/19/12 15:34	2010430	RLC
<b>Metals, Total</b>											
Arsenic	2.41	1.12	0.86	mg/kg dry	EPA 6010C		1	01/27/12 11:50	01/30/12 13:04	2010659	FBS



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Attention: Mr. Bob Schoepke

February 03, 2012

Report No.: AVA0503

Project: Medley, FL

Client ID: SB-18-1.5

Lab Number ID: AVA0503-02

Date/Time Sampled: 1/18/2012 11:15:00AM

Date/Time Received: 1/19/2012 8:40:00AM

Matrix: Soil

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
<b>General Chemistry</b>											
% Solids	93.5	0.04	0.04	% by Weight	SOP Moisture		1	01/19/12 15:34	01/19/12 15:34	2010430	RLC
<b>Volatile Organic Compounds by EPA 8260</b>											
Acetone	ND	110	1.8	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:24	2010770	GCN
Acrolein	ND	55	1.4	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:24	2010770	GCN
Acrylonitrile	ND	55	0.5	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:24	2010770	GCN
Benzene	ND	5.5	0.2	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:24	2010770	GCN
Bromobenzene	ND	11	0.2	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:24	2010770	GCN
Bromochloromethane	ND	11	0.3	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:24	2010770	GCN
Bromodichloromethane	ND	11	0.1	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:24	2010770	GCN
Bromoform	ND	11	0.2	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:24	2010770	GCN
Bromomethane	ND	11	0.4	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:24	2010770	GCN
n-Butylbenzene	ND	11	0.2	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:24	2010770	GCN
sec-Butylbenzene	ND	11	0.2	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:24	2010770	GCN
tert-Butylbenzene	ND	11	0.1	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:24	2010770	GCN
Carbon Disulfide	ND	11	1.2	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:24	2010770	GCN
Carbon Tetrachloride	ND	5.5	0.1	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:24	2010770	GCN
Chlorobenzene	ND	11	0.2	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:24	2010770	GCN
Chloroethane	ND	5.5	0.7	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:24	2010770	GCN
2-Chloroethyl Vinyl Ether	ND	11	0.3	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:24	2010770	GCN
Chloroform	ND	5.5	0.1	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:24	2010770	GCN
Chloromethane	ND	11	0.3	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:24	2010770	GCN
2-Chlorotoluene	ND	11	0.2	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:24	2010770	GCN
4-Chlorotoluene	ND	11	0.2	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:24	2010770	GCN



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1502 E. Villa Street  
Elgin IL, 60120

Attention: Mr. Bob Schoepke

February 03, 2012

Report No.: AVA0503

Project: Medley, FL

Client ID: SB-18-1.5

Lab Number ID: AVA0503-02

Date/Time Sampled: 1/18/2012 11:15:00AM

Date/Time Received: 1/19/2012 8:40:00AM

Matrix: Soil

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
<b>Volatile Organic Compounds by EPA 8260</b>											
Dibromochloromethane	ND	5.5	0.4	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:24	2010770	GCN
1,2-Dibromo-3-chloropropane	ND	11	0.6	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:24	2010770	GCN
1,2-Dibromoethane	ND	11	0.2	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:24	2010770	GCN
Dibromomethane	ND	11	0.3	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:24	2010770	GCN
1,2-Dichlorobenzene	ND	11	0.3	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:24	2010770	GCN
1,3-Dichlorobenzene	ND	11	0.2	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:24	2010770	GCN
1,4-Dichlorobenzene	ND	11	0.4	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:24	2010770	GCN
Dichlorodifluoromethane	ND	11	0.2	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:24	2010770	GCN
1,1-Dichloroethane	ND	5.5	0.2	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:24	2010770	GCN
1,2-Dichloroethane	ND	5.5	0.2	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:24	2010770	GCN
1,1-Dichloroethene	ND	5.5	0.3	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:24	2010770	GCN
cis-1,2-Dichloroethene	ND	5.5	0.2	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:24	2010770	GCN
trans-1,2-Dichloroethene	ND	5.5	0.2	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:24	2010770	GCN
1,2-Dichloropropane	ND	5.5	0.2	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:24	2010770	GCN
1,3-Dichloropropane	ND	5.5	0.3	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:24	2010770	GCN
2,2-Dichloropropane	ND	11	0.3	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:24	2010770	GCN
1,1-Dichloropropene	ND	11	0.2	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:24	2010770	GCN
cis-1,3-Dichloropropene	ND	5.5	0.2	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:24	2010770	GCN
trans-1,3-Dichloropropene	ND	5.5	0.2	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:24	2010770	GCN
Ethylbenzene	ND	5.5	0.2	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:24	2010770	GCN
Hexachlorobutadiene	ND	11	0.3	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:24	2010770	GCN
Isopropylbenzene	ND	11	0.7	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:24	2010770	GCN
p-Isopropyltoluene	ND	11	0.1	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:24	2010770	GCN
Methyl Butyl Ketone (2-Hexanone)	ND	55	0.4	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:24	2010770	GCN



# 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

February 03, 2012

Report No.: AVA0503

Project: Medley, FL

Client ID: SB-18-1.5

Lab Number ID: AVA0503-02

Date/Time Sampled: 1/18/2012 11:15:00AM

Date/Time Received: 1/19/2012 8:40:00AM

Matrix: Soil

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
<b>Volatile Organic Compounds by EPA 8260</b>											
Methylene Chloride	ND	11	0.2	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:24	2010770	GCN
Methyl Ethyl Ketone (2-Butanone)	ND	110	0.8	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:24	2010770	GCN
4-Methyl-2-pentanone (MIBK)	ND	55	0.6	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:24	2010770	GCN
Naphthalene	ND	11	0.4	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:24	2010770	GCN
n-Propylbenzene	ND	11	0.2	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:24	2010770	GCN
Styrene	ND	5.5	0.1	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:24	2010770	GCN
1,1,1,2-Tetrachloroethane	ND	11	0.1	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:24	2010770	GCN
1,1,2,2-Tetrachloroethane	ND	5.5	0.2	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:24	2010770	GCN
Tetrachloroethene	ND	5.5	0.2	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:24	2010770	GCN
Toluene	ND	5.5	0.2	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:24	2010770	GCN
1,2,3-Trichlorobenzene	ND	11	0.3	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:24	2010770	GCN
1,2,4-Trichlorobenzene	ND	11	0.2	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:24	2010770	GCN
1,1,1-Trichloroethane	ND	5.5	0.2	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:24	2010770	GCN
1,1,2-Trichloroethane	ND	5.5	0.3	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:24	2010770	GCN
Trichloroethene	ND	5.5	0.9	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:24	2010770	GCN
Trichlorofluoromethane	ND	11	0.3	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:24	2010770	GCN
1,2,3-Trichloropropane	ND	11	0.3	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:24	2010770	GCN
1,2,4-Trimethylbenzene	ND	11	0.2	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:24	2010770	GCN
1,3,5-Trimethylbenzene	ND	11	0.2	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:24	2010770	GCN
Vinyl Acetate	ND	11	0.7	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:24	2010770	GCN
Vinyl Chloride	ND	11	0.2	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:24	2010770	GCN
m+p-Xylene	ND	5.5	1.0	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:24	2010770	GCN
o-Xylene	ND	5.5	1.0	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:24	2010770	GCN
Xylenes, total	ND	5.5	1.0	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:24	2010770	GCN



# 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

February 03, 2012

Report No.: AVA0503

Project: Medley, FL

Client ID: SB-18-1.5

Lab Number ID: AVA0503-02

Date/Time Sampled: 1/18/2012 11:15:00AM

Date/Time Received: 1/19/2012 8:40:00AM

Matrix: Soil

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
<b>Volatile Organic Compounds by EPA 8260</b>											
Allyl Chloride (3-Chloropropylene)	ND	22	0.4	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:24	2010770	GCN
1-Chlorobutane	ND	11	0.2	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:24	2010770	GCN
trans-1,4-Dichloro-2-butene	ND	270	0.3	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:24	2010770	GCN
Hexachloroethane	ND	11	0.4	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:24	2010770	GCN
Iodomethane	ND	11	0.4	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:24	2010770	GCN
Methacrylonitrile	ND	55	0.6	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:24	2010770	GCN
Methyl Acrylate	ND	11	0.5	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:24	2010770	GCN
Propionitrile (Ethyl Cyanide)	ND	270	1.5	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:24	2010770	GCN
Methyl Methacrylate	ND	11	0.3	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:24	2010770	GCN
2-Nitropropane	ND	11	2.0	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:24	2010770	GCN
Surrogate: Dibromofluoromethane	101 %	70-130			EPA 8260B			01/31/12 11:00	01/31/12 15:24	2010770	
Surrogate: 1,2-Dichloroethane-d4	107 %	67-139			EPA 8260B			01/31/12 11:00	01/31/12 15:24	2010770	
Surrogate: Toluene-d8	101 %	74-120			EPA 8260B			01/31/12 11:00	01/31/12 15:24	2010770	
Surrogate: 4-Bromofluorobenzene	103 %	68-140			EPA 8260B			01/31/12 11:00	01/31/12 15:24	2010770	



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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

February 03, 2012

Report No.: AVA0503

Project: Medley, FL

Client ID: SB-19-1.0

Lab Number ID: AVA0503-03

Date/Time Sampled: 1/18/2012 11:40:00AM

Date/Time Received: 1/19/2012 8:40:00AM

Matrix: Soil

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
<b>General Chemistry</b>											
% Solids	94.0	0.04	0.04	% by Weight	SOP Moisture		1	01/19/12 15:34	01/19/12 15:34	2010430	RLC
<b>Metals, Total</b>											
Arsenic	1.36	1.00	0.77	mg/kg dry	EPA 6010C		1	01/27/12 11:50	01/30/12 13:08	2010659	FBS



# 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

February 03, 2012

Report No.: AVA0503

Project: Medley, FL

Client ID: SB-19-1.5

Lab Number ID: AVA0503-04

Date/Time Sampled: 1/18/2012 11:45:00AM

Date/Time Received: 1/19/2012 8:40:00AM

Matrix: Soil

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
<b>General Chemistry</b>											
% Solids	94.4	0.04	0.04	% by Weight	SOP Moisture		1	01/19/12 15:34	01/19/12 15:34	2010430	RLC
<b>Volatile Organic Compounds by EPA 8260</b>											
Acetone	ND	110	1.8	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:54	2010770	GCN
Acrolein	ND	56	1.4	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:54	2010770	GCN
Acrylonitrile	ND	56	0.5	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:54	2010770	GCN
Benzene	ND	5.6	0.2	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:54	2010770	GCN
Bromobenzene	ND	11	0.2	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:54	2010770	GCN
Bromoform	ND	11	0.3	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:54	2010770	GCN
Bromochloromethane	ND	11	0.1	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:54	2010770	GCN
Bromodichloromethane	ND	11	0.2	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:54	2010770	GCN
Bromoform	ND	11	0.2	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:54	2010770	GCN
Bromomethane	ND	11	0.4	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:54	2010770	GCN
n-Butylbenzene	ND	11	0.2	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:54	2010770	GCN
sec-Butylbenzene	ND	11	0.2	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:54	2010770	GCN
tert-Butylbenzene	ND	11	0.1	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:54	2010770	GCN
Carbon Disulfide	ND	11	1.3	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:54	2010770	GCN
Carbon Tetrachloride	ND	5.6	0.1	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:54	2010770	GCN
Chlorobenzene	ND	11	0.2	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:54	2010770	GCN
Chloroethane	ND	5.6	0.7	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:54	2010770	GCN
2-Chloroethyl Vinyl Ether	ND	11	0.3	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:54	2010770	GCN
Chloroform	ND	5.6	0.1	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:54	2010770	GCN
Chloromethane	ND	11	0.3	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:54	2010770	GCN
2-Chlorotoluene	ND	11	0.2	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:54	2010770	GCN
4-Chlorotoluene	ND	11	0.2	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:54	2010770	GCN



# 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

February 03, 2012

Report No.: AVA0503

Project: Medley, FL

Client ID: SB-19-1.5

Lab Number ID: AVA0503-04

Date/Time Sampled: 1/18/2012 11:45:00AM

Date/Time Received: 1/19/2012 8:40:00AM

Matrix: Soil

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
<b>Volatile Organic Compounds by EPA 8260</b>											
Dibromochloromethane	ND	5.6	0.4	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:54	2010770	GCN
1,2-Dibromo-3-chloropropane	ND	11	0.6	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:54	2010770	GCN
1,2-Dibromoethane	ND	11	0.2	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:54	2010770	GCN
Dibromomethane	ND	11	0.3	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:54	2010770	GCN
1,2-Dichlorobenzene	ND	11	0.3	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:54	2010770	GCN
1,3-Dichlorobenzene	ND	11	0.2	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:54	2010770	GCN
1,4-Dichlorobenzene	ND	11	0.4	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:54	2010770	GCN
Dichlorodifluoromethane	ND	11	0.2	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:54	2010770	GCN
1,1-Dichloroethane	ND	5.6	0.2	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:54	2010770	GCN
1,2-Dichloroethane	ND	5.6	0.2	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:54	2010770	GCN
1,1-Dichloroethene	ND	5.6	0.3	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:54	2010770	GCN
cis-1,2-Dichloroethene	ND	5.6	0.2	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:54	2010770	GCN
trans-1,2-Dichloroethene	ND	5.6	0.2	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:54	2010770	GCN
1,2-Dichloropropane	ND	5.6	0.2	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:54	2010770	GCN
1,3-Dichloropropane	ND	5.6	0.3	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:54	2010770	GCN
2,2-Dichloropropane	ND	11	0.3	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:54	2010770	GCN
1,1-Dichloropropene	ND	11	0.2	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:54	2010770	GCN
cis-1,3-Dichloropropene	ND	5.6	0.2	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:54	2010770	GCN
trans-1,3-Dichloropropene	ND	5.6	0.2	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:54	2010770	GCN
Ethylbenzene	ND	5.6	0.2	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:54	2010770	GCN
Hexachlorobutadiene	ND	11	0.3	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:54	2010770	GCN
Isopropylbenzene	ND	11	0.7	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:54	2010770	GCN
p-Isopropyltoluene	ND	11	0.1	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:54	2010770	GCN
Methyl Butyl Ketone (2-Hexanone)	ND	56	0.4	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:54	2010770	GCN



# 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

February 03, 2012

Report No.: AVA0503

Project: Medley, FL

Client ID: SB-19-1.5

Lab Number ID: AVA0503-04

Date/Time Sampled: 1/18/2012 11:45:00AM

Date/Time Received: 1/19/2012 8:40:00AM

Matrix: Soil

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
<b>Volatile Organic Compounds by EPA 8260</b>											
Methylene Chloride	ND	11	0.2	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:54	2010770	GCN
Methyl Ethyl Ketone (2-Butanone)	ND	110	0.8	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:54	2010770	GCN
4-Methyl-2-pentanone (MIBK)	ND	56	0.6	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:54	2010770	GCN
Naphthalene	ND	11	0.4	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:54	2010770	GCN
n-Propylbenzene	ND	11	0.2	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:54	2010770	GCN
Styrene	ND	5.6	0.1	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:54	2010770	GCN
1,1,1,2-Tetrachloroethane	ND	11	0.1	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:54	2010770	GCN
1,1,2,2-Tetrachloroethane	ND	5.6	0.2	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:54	2010770	GCN
Tetrachloroethene	ND	5.6	0.2	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:54	2010770	GCN
Toluene	ND	5.6	0.2	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:54	2010770	GCN
1,2,3-Trichlorobenzene	ND	11	0.3	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:54	2010770	GCN
1,2,4-Trichlorobenzene	ND	11	0.2	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:54	2010770	GCN
1,1,1-Trichloroethane	ND	5.6	0.2	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:54	2010770	GCN
1,1,2-Trichloroethane	ND	5.6	0.3	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:54	2010770	GCN
Trichloroethene	ND	5.6	1.0	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:54	2010770	GCN
Trichlorofluoromethane	ND	11	0.3	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:54	2010770	GCN
1,2,3-Trichloropropane	ND	11	0.3	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:54	2010770	GCN
1,2,4-Trimethylbenzene	ND	11	0.2	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:54	2010770	GCN
1,3,5-Trimethylbenzene	ND	11	0.2	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:54	2010770	GCN
Vinyl Acetate	ND	11	0.8	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:54	2010770	GCN
Vinyl Chloride	ND	11	0.2	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:54	2010770	GCN
m+p-Xylene	ND	5.6	1.0	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:54	2010770	GCN
o-Xylene	ND	5.6	1.0	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:54	2010770	GCN
Xylenes, total	ND	5.6	1.0	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:54	2010770	GCN



# 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

February 03, 2012

Report No.: AVA0503

Project: Medley, FL

Client ID: SB-19-1.5

Lab Number ID: AVA0503-04

Date/Time Sampled: 1/18/2012 11:45:00AM

Date/Time Received: 1/19/2012 8:40:00AM

Matrix: Soil

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
<b>Volatile Organic Compounds by EPA 8260</b>											
Allyl Chloride (3-Chloropropylene)	ND	22	0.4	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:54	2010770	GCN
1-Chlorobutane	ND	11	0.2	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:54	2010770	GCN
trans-1,4-Dichloro-2-butene	ND	280	0.3	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:54	2010770	GCN
Hexachloroethane	ND	11	0.4	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:54	2010770	GCN
Iodomethane	ND	11	0.4	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:54	2010770	GCN
Methacrylonitrile	ND	56	0.6	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:54	2010770	GCN
Methyl Acrylate	ND	11	0.5	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:54	2010770	GCN
Propionitrile (Ethyl Cyanide)	ND	280	1.5	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:54	2010770	GCN
Methyl Methacrylate	ND	11	0.3	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:54	2010770	GCN
2-Nitropropane	ND	11	2.1	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 15:54	2010770	GCN
Surrogate: Dibromofluoromethane	100 %	70-130			EPA 8260B			01/31/12 11:00	01/31/12 15:54	2010770	
Surrogate: 1,2-Dichloroethane-d4	106 %	67-139			EPA 8260B			01/31/12 11:00	01/31/12 15:54	2010770	
Surrogate: Toluene-d8	101 %	74-120			EPA 8260B			01/31/12 11:00	01/31/12 15:54	2010770	
Surrogate: 4-Bromofluorobenzene	103 %	68-140			EPA 8260B			01/31/12 11:00	01/31/12 15:54	2010770	



# 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

February 03, 2012

Report No.: AVA0503

Project: Medley, FL

Client ID: SB-17-1.0

Lab Number ID: AVA0503-05

Date/Time Sampled: 1/18/2012 12:00:00PM

Date/Time Received: 1/19/2012 8:40:00AM

Matrix: Soil

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
<b>General Chemistry</b>											
% Solids	94.5	0.04	0.04	% by Weight	SOP Moisture		1	01/19/12 15:34	01/19/12 15:34	2010430	RLC
<b>Metals, Total</b>											
Arsenic	ND	0.96	0.73	mg/kg dry	EPA 6010C		1	01/27/12 11:50	01/30/12 13:21	2010659	FBS



# 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

February 03, 2012

Report No.: AVA0503

Project: Medley, FL

Client ID: SB-17-1.5

Lab Number ID: AVA0503-06

Date/Time Sampled: 1/18/2012 12:15:00PM

Date/Time Received: 1/19/2012 8:40:00AM

Matrix: Soil

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
<b>General Chemistry</b>											
% Solids	94.2	0.04	0.04	% by Weight	SOP Moisture		1	01/19/12 15:34	01/19/12 15:34	2010430	RLC
<b>Volatile Organic Compounds by EPA 8260</b>											
Acetone	ND	110	1.7	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 16:52	2010770	GCN
Acrolein	ND	54	1.4	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 16:52	2010770	GCN
Acrylonitrile	ND	54	0.4	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 16:52	2010770	GCN
Benzene	ND	5.4	0.2	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 16:52	2010770	GCN
Bromobenzene	ND	11	0.2	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 16:52	2010770	GCN
Bromochloromethane	ND	11	0.3	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 16:52	2010770	GCN
Bromodichloromethane	ND	11	0.1	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 16:52	2010770	GCN
Bromoform	ND	11	0.2	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 16:52	2010770	GCN
Bromomethane	ND	11	0.4	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 16:52	2010770	GCN
n-Butylbenzene	ND	11	0.2	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 16:52	2010770	GCN
sec-Butylbenzene	ND	11	0.2	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 16:52	2010770	GCN
tert-Butylbenzene	ND	11	0.1	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 16:52	2010770	GCN
Carbon Disulfide	ND	11	1.2	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 16:52	2010770	GCN
Carbon Tetrachloride	ND	5.4	0.1	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 16:52	2010770	GCN
Chlorobenzene	ND	11	0.2	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 16:52	2010770	GCN
Chloroethane	ND	5.4	0.7	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 16:52	2010770	GCN
2-Chloroethyl Vinyl Ether	ND	11	0.3	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 16:52	2010770	GCN
Chloroform	ND	5.4	0.1	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 16:52	2010770	GCN
Chloromethane	ND	11	0.2	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 16:52	2010770	GCN
2-Chlorotoluene	ND	11	0.2	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 16:52	2010770	GCN
4-Chlorotoluene	ND	11	0.2	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 16:52	2010770	GCN



# 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

February 03, 2012

Report No.: AVA0503

Project: Medley, FL

Client ID: SB-17-1.5

Lab Number ID: AVA0503-06

Date/Time Sampled: 1/18/2012 12:15:00PM

Date/Time Received: 1/19/2012 8:40:00AM

Matrix: Soil

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
<b>Volatile Organic Compounds by EPA 8260</b>											
Dibromochloromethane	ND	5.4	0.4	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 16:52	2010770	GCN
1,2-Dibromo-3-chloropropane	ND	11	0.6	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 16:52	2010770	GCN
1,2-Dibromoethane	ND	11	0.2	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 16:52	2010770	GCN
Dibromomethane	ND	11	0.3	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 16:52	2010770	GCN
1,2-Dichlorobenzene	ND	11	0.3	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 16:52	2010770	GCN
1,3-Dichlorobenzene	ND	11	0.2	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 16:52	2010770	GCN
1,4-Dichlorobenzene	ND	11	0.4	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 16:52	2010770	GCN
Dichlorodifluoromethane	ND	11	0.1	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 16:52	2010770	GCN
1,1-Dichloroethane	ND	5.4	0.2	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 16:52	2010770	GCN
1,2-Dichloroethane	ND	5.4	0.2	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 16:52	2010770	GCN
1,1-Dichloroethene	ND	5.4	0.3	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 16:52	2010770	GCN
cis-1,2-Dichloroethene	ND	5.4	0.2	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 16:52	2010770	GCN
trans-1,2-Dichloroethene	ND	5.4	0.2	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 16:52	2010770	GCN
1,2-Dichloropropane	ND	5.4	0.2	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 16:52	2010770	GCN
1,3-Dichloropropane	ND	5.4	0.3	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 16:52	2010770	GCN
2,2-Dichloropropane	ND	11	0.3	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 16:52	2010770	GCN
1,1-Dichloropropene	ND	11	0.1	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 16:52	2010770	GCN
cis-1,3-Dichloropropene	ND	5.4	0.2	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 16:52	2010770	GCN
trans-1,3-Dichloropropene	ND	5.4	0.1	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 16:52	2010770	GCN
Ethylbenzene	ND	5.4	0.1	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 16:52	2010770	GCN
Hexachlorobutadiene	ND	11	0.3	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 16:52	2010770	GCN
Isopropylbenzene	ND	11	0.7	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 16:52	2010770	GCN
p-Isopropyltoluene	ND	11	0.1	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 16:52	2010770	GCN
Methyl Butyl Ketone (2-Hexanone)	ND	54	0.4	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 16:52	2010770	GCN



# 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

February 03, 2012

Report No.: AVA0503

Project: Medley, FL

Client ID: SB-17-1.5

Lab Number ID: AVA0503-06

Date/Time Sampled: 1/18/2012 12:15:00PM

Date/Time Received: 1/19/2012 8:40:00AM

Matrix: Soil

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
<b>Volatile Organic Compounds by EPA 8260</b>											
Methylene Chloride	ND	11	0.2	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 16:52	2010770	GCN
Methyl Ethyl Ketone (2-Butanone)	ND	110	0.7	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 16:52	2010770	GCN
4-Methyl-2-pentanone (MIBK)	ND	54	0.6	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 16:52	2010770	GCN
Naphthalene	ND	11	0.4	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 16:52	2010770	GCN
n-Propylbenzene	ND	11	0.1	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 16:52	2010770	GCN
Styrene	ND	5.4	0.1	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 16:52	2010770	GCN
1,1,1,2-Tetrachloroethane	ND	11	0.1	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 16:52	2010770	GCN
1,1,2,2-Tetrachloroethane	ND	5.4	0.2	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 16:52	2010770	GCN
Tetrachloroethene	ND	5.4	0.2	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 16:52	2010770	GCN
Toluene	ND	5.4	0.2	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 16:52	2010770	GCN
1,2,3-Trichlorobenzene	ND	11	0.3	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 16:52	2010770	GCN
1,2,4-Trichlorobenzene	ND	11	0.2	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 16:52	2010770	GCN
1,1,1-Trichloroethane	ND	5.4	0.1	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 16:52	2010770	GCN
1,1,2-Trichloroethane	ND	5.4	0.3	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 16:52	2010770	GCN
Trichloroethene	ND	5.4	0.9	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 16:52	2010770	GCN
Trichlorofluoromethane	ND	11	0.3	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 16:52	2010770	GCN
1,2,3-Trichloropropane	ND	11	0.3	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 16:52	2010770	GCN
1,2,4-Trimethylbenzene	ND	11	0.1	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 16:52	2010770	GCN
1,3,5-Trimethylbenzene	ND	11	0.2	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 16:52	2010770	GCN
Vinyl Acetate	ND	11	0.7	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 16:52	2010770	GCN
Vinyl Chloride	ND	11	0.2	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 16:52	2010770	GCN
m+p-Xylene	ND	5.4	1.0	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 16:52	2010770	GCN
o-Xylene	ND	5.4	1.0	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 16:52	2010770	GCN
Xylenes, total	ND	5.4	1.0	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 16:52	2010770	GCN



# 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

February 03, 2012

Report No.: AVA0503

Project: Medley, FL

Client ID: SB-17-1.5

Lab Number ID: AVA0503-06

Date/Time Sampled: 1/18/2012 12:15:00PM

Date/Time Received: 1/19/2012 8:40:00AM

Matrix: Soil

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
<b>Volatile Organic Compounds by EPA 8260</b>											
Allyl Chloride (3-Chloropropylene)	ND	21	0.4	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 16:52	2010770	GCN
1-Chlorobutane	ND	11	0.2	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 16:52	2010770	GCN
trans-1,4-Dichloro-2-butene	ND	270	0.3	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 16:52	2010770	GCN
Hexachloroethane	ND	11	0.4	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 16:52	2010770	GCN
Iodomethane	ND	11	0.4	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 16:52	2010770	GCN
Methacrylonitrile	ND	54	0.5	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 16:52	2010770	GCN
Methyl Acrylate	ND	11	0.5	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 16:52	2010770	GCN
Propionitrile (Ethyl Cyanide)	ND	270	1.4	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 16:52	2010770	GCN
2-Nitropropane	ND	11	2.0	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 16:52	2010770	GCN
Methyl Methacrylate	ND	11	0.3	ug/kg dry	EPA 8260B		1	01/31/12 11:00	01/31/12 16:52	2010770	GCN
Surrogate: Dibromofluoromethane	101 %	70-130			EPA 8260B			01/31/12 11:00	01/31/12 16:52	2010770	
Surrogate: 1,2-Dichloroethane-d4	108 %	67-139			EPA 8260B			01/31/12 11:00	01/31/12 16:52	2010770	
Surrogate: Toluene-d8	101 %	74-120			EPA 8260B			01/31/12 11:00	01/31/12 16:52	2010770	
Surrogate: 4-Bromofluorobenzene	103 %	68-140			EPA 8260B			01/31/12 11:00	01/31/12 16:52	2010770	



# 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

February 03, 2012

Report No.: AVA0503

Project: Medley, FL

Client ID: SB-16-1.0

Lab Number ID: AVA0503-07

Date/Time Sampled: 1/18/2012 12:30:00PM

Date/Time Received: 1/19/2012 8:40:00AM

Matrix: Soil

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
<b>General Chemistry</b>											
% Solids	93.7	0.04	0.04	% by Weight	SOP Moisture		1	01/19/12 15:34	01/19/12 15:34	2010430	RLC
<b>Metals, Total</b>											
Arsenic	ND	1.05	0.80	mg/kg dry	EPA 6010C		1	01/27/12 11:50	01/30/12 13:25	2010659	FBS



# 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

February 03, 2012

Report No.: AVA0503

Project: Medley, FL

Client ID: SB-16-1.5

Lab Number ID: AVA0503-08

Date/Time Sampled: 1/18/2012 12:45:00PM

Date/Time Received: 1/19/2012 8:40:00AM

Matrix: Soil

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
<b>General Chemistry</b>											
% Solids	93.6	0.04	0.04	% by Weight	SOP Moisture		1	01/19/12 15:34	01/19/12 15:34	2010430	RLC
<b>Volatile Organic Compounds by EPA 8260</b>											
Acetone	ND	100	1.6	ug/kg dry	EPA 8260B		1	01/31/12 17:00	01/31/12 17:50	2010770	GCN
Acrolein	ND	50	1.3	ug/kg dry	EPA 8260B		1	01/31/12 17:00	01/31/12 17:50	2010770	GCN
Acrylonitrile	ND	50	0.4	ug/kg dry	EPA 8260B		1	01/31/12 17:00	01/31/12 17:50	2010770	GCN
Benzene	ND	5.0	0.2	ug/kg dry	EPA 8260B		1	01/31/12 17:00	01/31/12 17:50	2010770	GCN
Bromobenzene	ND	10	0.2	ug/kg dry	EPA 8260B		1	01/31/12 17:00	01/31/12 17:50	2010770	GCN
Bromochloromethane	ND	10	0.3	ug/kg dry	EPA 8260B		1	01/31/12 17:00	01/31/12 17:50	2010770	GCN
Bromodichloromethane	ND	10	0.1	ug/kg dry	EPA 8260B		1	01/31/12 17:00	01/31/12 17:50	2010770	GCN
Bromoform	ND	10	0.2	ug/kg dry	EPA 8260B		1	01/31/12 17:00	01/31/12 17:50	2010770	GCN
Bromomethane	ND	10	0.4	ug/kg dry	EPA 8260B		1	01/31/12 17:00	01/31/12 17:50	2010770	GCN
n-Butylbenzene	ND	10	0.2	ug/kg dry	EPA 8260B		1	01/31/12 17:00	01/31/12 17:50	2010770	GCN
sec-Butylbenzene	ND	10	0.2	ug/kg dry	EPA 8260B		1	01/31/12 17:00	01/31/12 17:50	2010770	GCN
tert-Butylbenzene	ND	10	0.1	ug/kg dry	EPA 8260B		1	01/31/12 17:00	01/31/12 17:50	2010770	GCN
Carbon Disulfide	ND	10	1.1	ug/kg dry	EPA 8260B		1	01/31/12 17:00	01/31/12 17:50	2010770	GCN
Carbon Tetrachloride	ND	5.0	0.1	ug/kg dry	EPA 8260B		1	01/31/12 17:00	01/31/12 17:50	2010770	GCN
Chlorobenzene	ND	10	0.2	ug/kg dry	EPA 8260B		1	01/31/12 17:00	01/31/12 17:50	2010770	GCN
Chloroethane	ND	5.0	0.7	ug/kg dry	EPA 8260B		1	01/31/12 17:00	01/31/12 17:50	2010770	GCN
2-Chloroethyl Vinyl Ether	ND	10	0.3	ug/kg dry	EPA 8260B		1	01/31/12 17:00	01/31/12 17:50	2010770	GCN
Chloroform	ND	5.0	0.1	ug/kg dry	EPA 8260B		1	01/31/12 17:00	01/31/12 17:50	2010770	GCN
Chloromethane	ND	10	0.2	ug/kg dry	EPA 8260B		1	01/31/12 17:00	01/31/12 17:50	2010770	GCN
2-Chlorotoluene	ND	10	0.2	ug/kg dry	EPA 8260B		1	01/31/12 17:00	01/31/12 17:50	2010770	GCN
4-Chlorotoluene	ND	10	0.2	ug/kg dry	EPA 8260B		1	01/31/12 17:00	01/31/12 17:50	2010770	GCN



# 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

February 03, 2012

Report No.: AVA0503

Project: Medley, FL

Client ID: SB-16-1.5

Lab Number ID: AVA0503-08

Date/Time Sampled: 1/18/2012 12:45:00PM

Date/Time Received: 1/19/2012 8:40:00AM

Matrix: Soil

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
<b>Volatile Organic Compounds by EPA 8260</b>											
Dibromochloromethane	ND	5.0	0.3	ug/kg dry	EPA 8260B		1	01/31/12 17:00	01/31/12 17:50	2010770	GCN
1,2-Dibromo-3-chloropropane	ND	10	0.5	ug/kg dry	EPA 8260B		1	01/31/12 17:00	01/31/12 17:50	2010770	GCN
1,2-Dibromoethane	ND	10	0.2	ug/kg dry	EPA 8260B		1	01/31/12 17:00	01/31/12 17:50	2010770	GCN
Dibromomethane	ND	10	0.3	ug/kg dry	EPA 8260B		1	01/31/12 17:00	01/31/12 17:50	2010770	GCN
1,2-Dichlorobenzene	ND	10	0.3	ug/kg dry	EPA 8260B		1	01/31/12 17:00	01/31/12 17:50	2010770	GCN
1,3-Dichlorobenzene	ND	10	0.2	ug/kg dry	EPA 8260B		1	01/31/12 17:00	01/31/12 17:50	2010770	GCN
1,4-Dichlorobenzene	ND	10	0.3	ug/kg dry	EPA 8260B		1	01/31/12 17:00	01/31/12 17:50	2010770	GCN
Dichlorodifluoromethane	ND	10	0.1	ug/kg dry	EPA 8260B		1	01/31/12 17:00	01/31/12 17:50	2010770	GCN
1,1-Dichloroethane	ND	5.0	0.2	ug/kg dry	EPA 8260B		1	01/31/12 17:00	01/31/12 17:50	2010770	GCN
1,2-Dichloroethane	ND	5.0	0.2	ug/kg dry	EPA 8260B		1	01/31/12 17:00	01/31/12 17:50	2010770	GCN
1,1-Dichloroethene	ND	5.0	0.3	ug/kg dry	EPA 8260B		1	01/31/12 17:00	01/31/12 17:50	2010770	GCN
cis-1,2-Dichloroethene	ND	5.0	0.2	ug/kg dry	EPA 8260B		1	01/31/12 17:00	01/31/12 17:50	2010770	GCN
trans-1,2-Dichloroethene	ND	5.0	0.2	ug/kg dry	EPA 8260B		1	01/31/12 17:00	01/31/12 17:50	2010770	GCN
1,2-Dichloropropane	ND	5.0	0.2	ug/kg dry	EPA 8260B		1	01/31/12 17:00	01/31/12 17:50	2010770	GCN
1,3-Dichloropropane	ND	5.0	0.3	ug/kg dry	EPA 8260B		1	01/31/12 17:00	01/31/12 17:50	2010770	GCN
2,2-Dichloropropane	ND	10	0.3	ug/kg dry	EPA 8260B		1	01/31/12 17:00	01/31/12 17:50	2010770	GCN
1,1-Dichloropropene	ND	10	0.1	ug/kg dry	EPA 8260B		1	01/31/12 17:00	01/31/12 17:50	2010770	GCN
cis-1,3-Dichloropropene	ND	5.0	0.2	ug/kg dry	EPA 8260B		1	01/31/12 17:00	01/31/12 17:50	2010770	GCN
trans-1,3-Dichloropropene	ND	5.0	0.1	ug/kg dry	EPA 8260B		1	01/31/12 17:00	01/31/12 17:50	2010770	GCN
Ethylbenzene	ND	5.0	0.1	ug/kg dry	EPA 8260B		1	01/31/12 17:00	01/31/12 17:50	2010770	GCN
Hexachlorobutadiene	ND	10	0.3	ug/kg dry	EPA 8260B		1	01/31/12 17:00	01/31/12 17:50	2010770	GCN
Isopropylbenzene	ND	10	0.6	ug/kg dry	EPA 8260B		1	01/31/12 17:00	01/31/12 17:50	2010770	GCN
p-Isopropyltoluene	ND	10	0.1	ug/kg dry	EPA 8260B		1	01/31/12 17:00	01/31/12 17:50	2010770	GCN
Methyl Butyl Ketone (2-Hexanone)	ND	50	0.4	ug/kg dry	EPA 8260B		1	01/31/12 17:00	01/31/12 17:50	2010770	GCN



# 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

February 03, 2012

Report No.: AVA0503

Project: Medley, FL

Client ID: SB-16-1.5

Lab Number ID: AVA0503-08

Date/Time Sampled: 1/18/2012 12:45:00PM

Date/Time Received: 1/19/2012 8:40:00AM

Matrix: Soil

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
<b>Volatile Organic Compounds by EPA 8260</b>											
Methylene Chloride	ND	10	0.2	ug/kg dry	EPA 8260B		1	01/31/12 17:00	01/31/12 17:50	2010770	GCN
Methyl Ethyl Ketone (2-Butanone)	ND	100	0.7	ug/kg dry	EPA 8260B		1	01/31/12 17:00	01/31/12 17:50	2010770	GCN
4-Methyl-2-pentanone (MIBK)	ND	50	0.6	ug/kg dry	EPA 8260B		1	01/31/12 17:00	01/31/12 17:50	2010770	GCN
Naphthalene	ND	10	0.4	ug/kg dry	EPA 8260B		1	01/31/12 17:00	01/31/12 17:50	2010770	GCN
n-Propylbenzene	ND	10	0.1	ug/kg dry	EPA 8260B		1	01/31/12 17:00	01/31/12 17:50	2010770	GCN
Styrene	ND	5.0	0.1	ug/kg dry	EPA 8260B		1	01/31/12 17:00	01/31/12 17:50	2010770	GCN
1,1,1,2-Tetrachloroethane	ND	10	0.1	ug/kg dry	EPA 8260B		1	01/31/12 17:00	01/31/12 17:50	2010770	GCN
1,1,2,2-Tetrachloroethane	ND	5.0	0.2	ug/kg dry	EPA 8260B		1	01/31/12 17:00	01/31/12 17:50	2010770	GCN
Tetrachloroethene	ND	5.0	0.2	ug/kg dry	EPA 8260B		1	01/31/12 17:00	01/31/12 17:50	2010770	GCN
Toluene	ND	5.0	0.2	ug/kg dry	EPA 8260B		1	01/31/12 17:00	01/31/12 17:50	2010770	GCN
1,2,3-Trichlorobenzene	ND	10	0.3	ug/kg dry	EPA 8260B		1	01/31/12 17:00	01/31/12 17:50	2010770	GCN
1,2,4-Trichlorobenzene	ND	10	0.2	ug/kg dry	EPA 8260B		1	01/31/12 17:00	01/31/12 17:50	2010770	GCN
1,1,1-Trichloroethane	ND	5.0	0.1	ug/kg dry	EPA 8260B		1	01/31/12 17:00	01/31/12 17:50	2010770	GCN
1,1,2-Trichloroethane	ND	5.0	0.3	ug/kg dry	EPA 8260B		1	01/31/12 17:00	01/31/12 17:50	2010770	GCN
Trichloroethene	ND	5.0	0.9	ug/kg dry	EPA 8260B		1	01/31/12 17:00	01/31/12 17:50	2010770	GCN
Trichlorofluoromethane	ND	10	0.3	ug/kg dry	EPA 8260B		1	01/31/12 17:00	01/31/12 17:50	2010770	GCN
1,2,3-Trichloropropane	ND	10	0.3	ug/kg dry	EPA 8260B		1	01/31/12 17:00	01/31/12 17:50	2010770	GCN
1,2,4-Trimethylbenzene	ND	10	0.1	ug/kg dry	EPA 8260B		1	01/31/12 17:00	01/31/12 17:50	2010770	GCN
1,3,5-Trimethylbenzene	ND	10	0.2	ug/kg dry	EPA 8260B		1	01/31/12 17:00	01/31/12 17:50	2010770	GCN
Vinyl Acetate	ND	10	0.7	ug/kg dry	EPA 8260B		1	01/31/12 17:00	01/31/12 17:50	2010770	GCN
Vinyl Chloride	ND	10	0.2	ug/kg dry	EPA 8260B		1	01/31/12 17:00	01/31/12 17:50	2010770	GCN
m+p-Xylene	ND	5.0	0.9	ug/kg dry	EPA 8260B		1	01/31/12 17:00	01/31/12 17:50	2010770	GCN
o-Xylene	ND	5.0	0.9	ug/kg dry	EPA 8260B		1	01/31/12 17:00	01/31/12 17:50	2010770	GCN
Xylenes, total	ND	5.0	0.9	ug/kg dry	EPA 8260B		1	01/31/12 17:00	01/31/12 17:50	2010770	GCN



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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

February 03, 2012

Report No.: AVA0503

Project: Medley, FL

Client ID: SB-16-1.5

Lab Number ID: AVA0503-08

Date/Time Sampled: 1/18/2012 12:45:00PM

Date/Time Received: 1/19/2012 8:40:00AM

Matrix: Soil

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
<b>Volatile Organic Compounds by EPA 8260</b>											
Allyl Chloride (3-Chloropropylene)	ND	20	0.4	ug/kg dry	EPA 8260B		1	01/31/12 17:00	01/31/12 17:50	2010770	GCN
1-Chlorobutane	ND	10	0.2	ug/kg dry	EPA 8260B		1	01/31/12 17:00	01/31/12 17:50	2010770	GCN
trans-1,4-Dichloro-2-butene	ND	250	0.3	ug/kg dry	EPA 8260B		1	01/31/12 17:00	01/31/12 17:50	2010770	GCN
Hexachloroethane	ND	10	0.4	ug/kg dry	EPA 8260B		1	01/31/12 17:00	01/31/12 17:50	2010770	GCN
Iodomethane	ND	10	0.4	ug/kg dry	EPA 8260B		1	01/31/12 17:00	01/31/12 17:50	2010770	GCN
Methacrylonitrile	ND	50	0.5	ug/kg dry	EPA 8260B		1	01/31/12 17:00	01/31/12 17:50	2010770	GCN
Methyl Acrylate	ND	10	0.5	ug/kg dry	EPA 8260B		1	01/31/12 17:00	01/31/12 17:50	2010770	GCN
Propionitrile (Ethyl Cyanide)	ND	250	1.3	ug/kg dry	EPA 8260B		1	01/31/12 17:00	01/31/12 17:50	2010770	GCN
Methyl Methacrylate	ND	10	0.3	ug/kg dry	EPA 8260B		1	01/31/12 17:00	01/31/12 17:50	2010770	GCN
2-Nitropropane	ND	10	1.8	ug/kg dry	EPA 8260B		1	01/31/12 17:00	01/31/12 17:50	2010770	GCN
Surrogate: Dibromofluoromethane	103 %	70-130			EPA 8260B			01/31/12 17:00	01/31/12 17:50	2010770	
Surrogate: 1,2-Dichloroethane-d4	108 %	67-139			EPA 8260B			01/31/12 17:00	01/31/12 17:50	2010770	
Surrogate: Toluene-d8	100 %	74-120			EPA 8260B			01/31/12 17:00	01/31/12 17:50	2010770	
Surrogate: 4-Bromofluorobenzene	106 %	68-140			EPA 8260B			01/31/12 17:00	01/31/12 17:50	2010770	



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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

February 03, 2012

Report No.: AVA0503

Project: Medley, FL

Client ID: SB-20-1.0

Lab Number ID: AVA0503-09

Date/Time Sampled: 1/18/2012 1:00:00PM

Date/Time Received: 1/19/2012 8:40:00AM

Matrix: Soil

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
<b>General Chemistry</b>											
% Solids	90.5	0.04	0.04	% by Weight	SOP Moisture		1	01/19/12 15:34	01/19/12 15:34	2010430	RLC
<b>Metals, Total</b>											
Arsenic	ND	1.11	0.84	mg/kg dry	EPA 6010C		1	01/27/12 11:50	01/30/12 13:28	2010659	FBS



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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

February 03, 2012

Report No.: AVA0503

Project: Medley, FL

Client ID: SB-21-1.0

Lab Number ID: AVA0503-10

Date/Time Sampled: 1/18/2012 1:20:00PM

Date/Time Received: 1/19/2012 8:40:00AM

Matrix: Soil

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
<b>General Chemistry</b>											
% Solids	83.2	0.04	0.04	% by Weight	SOP Moisture		1	01/19/12 15:34	01/19/12 15:34	2010430	RLC
<b>Metals, Total</b>											
Arsenic	3.00	1.16	0.88	mg/kg dry	EPA 6010C		1	01/27/12 11:50	01/30/12 13:32	2010659	FBS



# 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

February 03, 2012

Report No.: AVA0503

Project: Medley, FL

Client ID: SB-22-1.0

Lab Number ID: AVA0503-11

Date/Time Sampled: 1/18/2012 1:40:00PM

Date/Time Received: 1/19/2012 8:40:00AM

Matrix: Soil

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
<b>General Chemistry</b>											
% Solids	93.3	0.04	0.04	% by Weight	SOP Moisture		1	01/19/12 15:34	01/19/12 15:34	2010430	RLC
<b>Metals, Total</b>											
Arsenic	2.50	1.03	0.79	mg/kg dry	EPA 6010C		1	01/27/12 11:50	01/30/12 13:35	2010659	FBS



# 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

February 03, 2012

Report No.: AVA0503

Project: Medley, FL

Client ID: Equipment Blank

Lab Number ID: AVA0503-12

Date/Time Sampled: 1/18/2012 11:50:00AM

Date/Time Received: 1/19/2012 8:40:00AM

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	3.8	ug/L	EPA 8260B		1	01/19/12 16:30	01/19/12 17:02	2010458	GCN
Acrolein	ND	50	2.4	ug/L	EPA 8260B		1	01/19/12 16:30	01/19/12 17:02	2010458	GCN
Acrylonitrile	ND	50	1.3	ug/L	EPA 8260B		1	01/19/12 16:30	01/19/12 17:02	2010458	GCN
Allyl Chloride (3-Chloropropylene)	ND	10	0.6	ug/L	EPA 8260B		1	01/19/12 16:30	01/19/12 17:02	2010458	GCN
Benzene	ND	2.0	0.3	ug/L	EPA 8260B		1	01/19/12 16:30	01/19/12 17:02	2010458	GCN
Bromobenzene	ND	10	0.4	ug/L	EPA 8260B		1	01/19/12 16:30	01/19/12 17:02	2010458	GCN
Bromoform	ND	10	0.4	ug/L	EPA 8260B		1	01/19/12 16:30	01/19/12 17:02	2010458	GCN
Bromochloromethane	ND	10	0.2	ug/L	EPA 8260B	J	1	01/19/12 16:30	01/19/12 17:02	2010458	GCN
Bromodichloromethane	8.3	10	0.2	ug/L	EPA 8260B		1	01/19/12 16:30	01/19/12 17:02	2010458	GCN
Bromoform	ND	10	0.5	ug/L	EPA 8260B		1	01/19/12 16:30	01/19/12 17:02	2010458	GCN
Bromomethane	ND	10	1.3	ug/L	EPA 8260B		1	01/19/12 16:30	01/19/12 17:02	2010458	GCN
n-Butylbenzene	ND	10	0.2	ug/L	EPA 8260B		1	01/19/12 16:30	01/19/12 17:02	2010458	GCN
sec-Butylbenzene	ND	10	0.4	ug/L	EPA 8260B		1	01/19/12 16:30	01/19/12 17:02	2010458	GCN
tert-Butylbenzene	ND	10	0.4	ug/L	EPA 8260B		1	01/19/12 16:30	01/19/12 17:02	2010458	GCN
Carbon Disulfide	ND	10	0.4	ug/L	EPA 8260B		1	01/19/12 16:30	01/19/12 17:02	2010458	GCN
Carbon Tetrachloride	ND	2.0	0.3	ug/L	EPA 8260B		1	01/19/12 16:30	01/19/12 17:02	2010458	GCN
Chlorobenzene	ND	10	0.5	ug/L	EPA 8260B		1	01/19/12 16:30	01/19/12 17:02	2010458	GCN
1-Chlorobutane	ND	10	0.5	ug/L	EPA 8260B		1	01/19/12 16:30	01/19/12 17:02	2010458	GCN
Chloroethane	ND	5.0	0.6	ug/L	EPA 8260B		1	01/19/12 16:30	01/19/12 17:02	2010458	GCN
2-Chloroethyl Vinyl Ether	ND	10	0.6	ug/L	EPA 8260B		1	01/19/12 16:30	01/19/12 17:02	2010458	GCN
Chloroform	50	2.0	0.6	ug/L	EPA 8260B		1	01/19/12 16:30	01/19/12 17:02	2010458	GCN
Chloromethane	ND	10	0.4	ug/L	EPA 8260B		1	01/19/12 16:30	01/19/12 17:02	2010458	GCN
2-Chlorotoluene	ND	10	0.4	ug/L	EPA 8260B		1	01/19/12 16:30	01/19/12 17:02	2010458	GCN
4-Chlorotoluene	ND	10	0.4	ug/L	EPA 8260B		1	01/19/12 16:30	01/19/12 17:02	2010458	GCN
Dibromochloromethane	4.8	10	0.2	ug/L	EPA 8260B	J	1	01/19/12 16:30	01/19/12 17:02	2010458	GCN
1,2-Dibromo-3-chloropropane	ND	10	1.3	ug/L	EPA 8260B		1	01/19/12 16:30	01/19/12 17:02	2010458	GCN
1,2-Dibromoethane	ND	10	0.3	ug/L	EPA 8260B		1	01/19/12 16:30	01/19/12 17:02	2010458	GCN
Dibromomethane	ND	10	0.5	ug/L	EPA 8260B		1	01/19/12 16:30	01/19/12 17:02	2010458	GCN
1,2-Dichlorobenzene	ND	10	0.6	ug/L	EPA 8260B		1	01/19/12 16:30	01/19/12 17:02	2010458	GCN
1,3-Dichlorobenzene	ND	10	0.6	ug/L	EPA 8260B		1	01/19/12 16:30	01/19/12 17:02	2010458	GCN
1,4-Dichlorobenzene	ND	10	0.6	ug/L	EPA 8260B		1	01/19/12 16:30	01/19/12 17:02	2010458	GCN
trans-1,4-Dichloro-2-butene	ND	5.0	1.2	ug/L	EPA 8260B		1	01/19/12 16:30	01/19/12 17:02	2010458	GCN
Dichlorodifluoromethane	ND	10	0.5	ug/L	EPA 8260B		1	01/19/12 16:30	01/19/12 17:02	2010458	GCN



# 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

February 03, 2012

Report No.: AVA0503

Project: Medley, FL

Client ID: Equipment Blank

Lab Number ID: AVA0503-12

Date/Time Sampled: 1/18/2012 11:50:00AM

Date/Time Received: 1/19/2012 8:40:00AM

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	0.3	ug/L	EPA 8260B	1	01/19/12 16:30	01/19/12 17:02	2010458	GCN	
1,2-Dichloroethane	ND	2.0	0.4	ug/L	EPA 8260B	1	01/19/12 16:30	01/19/12 17:02	2010458	GCN	
1,1-Dichloroethene	ND	2.0	0.4	ug/L	EPA 8260B	1	01/19/12 16:30	01/19/12 17:02	2010458	GCN	
cis-1,2-Dichloroethene	ND	2.0	0.4	ug/L	EPA 8260B	1	01/19/12 16:30	01/19/12 17:02	2010458	GCN	
trans-1,2-Dichloroethene	ND	2.0	0.3	ug/L	EPA 8260B	1	01/19/12 16:30	01/19/12 17:02	2010458	GCN	
1,2-Dichloropropane	ND	2.0	0.3	ug/L	EPA 8260B	1	01/19/12 16:30	01/19/12 17:02	2010458	GCN	
1,3-Dichloropropane	ND	2.0	0.3	ug/L	EPA 8260B	1	01/19/12 16:30	01/19/12 17:02	2010458	GCN	
2,2-Dichloropropane	ND	10	0.2	ug/L	EPA 8260B	1	01/19/12 16:30	01/19/12 17:02	2010458	GCN	
1,1-Dichloropropene	ND	10	0.4	ug/L	EPA 8260B	1	01/19/12 16:30	01/19/12 17:02	2010458	GCN	
cis-1,3-Dichloropropene	ND	2.0	0.2	ug/L	EPA 8260B	1	01/19/12 16:30	01/19/12 17:02	2010458	GCN	
trans-1,3-Dichloropropene	ND	2.0	0.2	ug/L	EPA 8260B	1	01/19/12 16:30	01/19/12 17:02	2010458	GCN	
Ethylbenzene	ND	2.0	0.3	ug/L	EPA 8260B	1	01/19/12 16:30	01/19/12 17:02	2010458	GCN	
Ethyl Methacrylate	ND	10	0.6	ug/L	EPA 8260B	1	01/19/12 16:30	01/19/12 17:02	2010458	GCN	
Hexachlorobutadiene	ND	10	1.0	ug/L	EPA 8260B	1	01/19/12 16:30	01/19/12 17:02	2010458	GCN	
p-Isopropyltoluene	ND	10	0.4	ug/L	EPA 8260B	1	01/19/12 16:30	01/19/12 17:02	2010458	GCN	
Hexachloroethane	ND	10	1.2	ug/L	EPA 8260B	1	01/19/12 16:30	01/19/12 17:02	2010458	GCN	
Iodomethane	ND	10	0.5	ug/L	EPA 8260B	1	01/19/12 16:30	01/19/12 17:02	2010458	GCN	
Isopropylbenzene	ND	10	0.4	ug/L	EPA 8260B	1	01/19/12 16:30	01/19/12 17:02	2010458	GCN	
Methacrylonitrile	ND	10	1.4	ug/L	EPA 8260B	1	01/19/12 16:30	01/19/12 17:02	2010458	GCN	
Methyl Acrylate	ND	10	0.6	ug/L	EPA 8260B	1	01/19/12 16:30	01/19/12 17:02	2010458	GCN	
Methyl Butyl Ketone (2-Hexanone)	ND	10	1.1	ug/L	EPA 8260B	1	01/19/12 16:30	01/19/12 17:02	2010458	GCN	
Methylene Chloride	ND	5.0	0.6	ug/L	EPA 8260B	1	01/19/12 16:30	01/19/12 17:02	2010458	GCN	
Methyl Ethyl Ketone (2-Butanone)	ND	100	1.8	ug/L	EPA 8260B	1	01/19/12 16:30	01/19/12 17:02	2010458	GCN	
Methyl Methacrylate	ND	10	0.6	ug/L	EPA 8260B	1	01/19/12 16:30	01/19/12 17:02	2010458	GCN	
4-Methyl-2-pentanone (MIBK)	ND	10	1.1	ug/L	EPA 8260B	1	01/19/12 16:30	01/19/12 17:02	2010458	GCN	
Methyl-tert-Butyl Ether	ND	10	0.4	ug/L	EPA 8260B	1	01/19/12 16:30	01/19/12 17:02	2010458	GCN	
Naphthalene	ND	10	0.4	ug/L	EPA 8260B	1	01/19/12 16:30	01/19/12 17:02	2010458	GCN	
2-Nitropropane	ND	10	1.2	ug/L	EPA 8260B	1	01/19/12 16:30	01/19/12 17:02	2010458	GCN	
Propionitrile (Ethyl Cyanide)	ND	20	1.6	ug/L	EPA 8260B	1	01/19/12 16:30	01/19/12 17:02	2010458	GCN	
n-Propylbenzene	ND	10	0.4	ug/L	EPA 8260B	1	01/19/12 16:30	01/19/12 17:02	2010458	GCN	
Styrene	ND	5.0	0.3	ug/L	EPA 8260B	1	01/19/12 16:30	01/19/12 17:02	2010458	GCN	
1,1,2-Tetrachloroethane	ND	2.0	0.3	ug/L	EPA 8260B	1	01/19/12 16:30	01/19/12 17:02	2010458	GCN	



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Environmental Monitoring & Laboratory Analysis  
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Safety-Kleen Corporation - Elgin  
1502 E. Villa Street  
Elgin IL, 60120

Attention: Mr. Bob Schoepke

February 03, 2012

Report No.: AVA0503

Project: Medley, FL

Client ID: Equipment Blank

Lab Number ID: AVA0503-12

Date/Time Sampled: 1/18/2012 11:50:00AM

Date/Time Received: 1/19/2012 8:40:00AM

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	0.4	ug/L	EPA 8260B	1	01/19/12 16:30	01/19/12 17:02	2010458	GCN	
Tetrachloroethene	ND	2.0	0.4	ug/L	EPA 8260B	1	01/19/12 16:30	01/19/12 17:02	2010458	GCN	
Toluene	ND	2.0	0.4	ug/L	EPA 8260B	1	01/19/12 16:30	01/19/12 17:02	2010458	GCN	
1,2,3-Trichlorobenzene	ND	10	0.7	ug/L	EPA 8260B	1	01/19/12 16:30	01/19/12 17:02	2010458	GCN	
1,2,4-Trichlorobenzene	ND	10	0.5	ug/L	EPA 8260B	1	01/19/12 16:30	01/19/12 17:02	2010458	GCN	
1,1,1-Trichloroethane	ND	2.0	0.3	ug/L	EPA 8260B	1	01/19/12 16:30	01/19/12 17:02	2010458	GCN	
1,1,2-Trichloroethane	ND	2.0	0.7	ug/L	EPA 8260B	1	01/19/12 16:30	01/19/12 17:02	2010458	GCN	
Trichloroethene	ND	2.0	0.3	ug/L	EPA 8260B	1	01/19/12 16:30	01/19/12 17:02	2010458	GCN	
Trichlorofluoromethane	ND	10	0.3	ug/L	EPA 8260B	1	01/19/12 16:30	01/19/12 17:02	2010458	GCN	
1,2,3-Trichloropropane	ND	10	0.7	ug/L	EPA 8260B	1	01/19/12 16:30	01/19/12 17:02	2010458	GCN	
1,2,4-Trimethylbenzene	ND	10	0.4	ug/L	EPA 8260B	1	01/19/12 16:30	01/19/12 17:02	2010458	GCN	
1,3,5-Trimethylbenzene	ND	10	0.3	ug/L	EPA 8260B	1	01/19/12 16:30	01/19/12 17:02	2010458	GCN	
Vinyl Acetate	ND	10	0.2	ug/L	EPA 8260B	1	01/19/12 16:30	01/19/12 17:02	2010458	GCN	
Vinyl Chloride	ND	1.0	0.2	ug/L	EPA 8260B	1	01/19/12 16:30	01/19/12 17:02	2010458	GCN	
m+p-Xylene	ND	5.0	0.6	ug/L	EPA 8260B	1	01/19/12 16:30	01/19/12 17:02	2010458	GCN	
o-Xylene	ND	5.0	0.3	ug/L	EPA 8260B	1	01/19/12 16:30	01/19/12 17:02	2010458	GCN	
Xylenes, total	ND	5.0	0.6	ug/L	EPA 8260B	1	01/19/12 16:30	01/19/12 17:02	2010458	GCN	
Surrogate: Dibromofluoromethane	105 %	75-123		EPA 8260B		01/19/12 16:30 01/19/12 17:02 2010458					
Surrogate: 1,2-Dichloroethane-d4	107 %	72-120		EPA 8260B		01/19/12 16:30 01/19/12 17:02 2010458					
Surrogate: Toluene-d8	97 %	75-120		EPA 8260B		01/19/12 16:30 01/19/12 17:02 2010458					
Surrogate: 4-Bromofluorobenzene	99 %	80-120		EPA 8260B		01/19/12 16:30 01/19/12 17:02 2010458					



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

Attention: Mr. Bob Schoepke

February 03, 2012

Report No.: AVA0503

Project: Medley, FL

Client ID: Equipment Blank

Lab Number ID: AVA0503-13

Date/Time Sampled: 1/18/2012 12:20:00PM

Date/Time Received: 1/19/2012 8:40:00AM

Matrix: Water

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
<b>Metals, Total</b>											
Arsenic	ND	30	9	ug/L	EPA 6010C		1	01/24/12 12:05	01/24/12 16:49	2010577	FBS



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1502 E. Villa Street  
Elgin IL, 60120

Attention: Mr. Bob Schoepke

February 03, 2012

**Report No.: AVA0503**

## General Chemistry - Quality Control

Analyte	Result	RL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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### Batch 2010430 - % Solids

Duplicate (2010430-DUP1)	Source: AVA0503-11				Prepared & Analyzed: 01/19/12						
% Solids	93.0	0.04	0.04	% by Weight	93.3		0.3	10			



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Attention: Mr. Bob Schoepke

February 03, 2012

**Report No.: AVA0503**

## Metals, Total - Quality Control

Analyte	Result	RL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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### Batch 2010577 - EPA 3010A

<b>Blank (2010577-BLK1)</b>						Prepared & Analyzed: 01/24/12				
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Arsenic	ND	30.0	8.70	ug/L						
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<b>LCS (2010577-BS1)</b>						Prepared & Analyzed: 01/24/12				
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Arsenic	953	30.0	8.70	ug/L	1000.0	95	80-120			
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### Batch 2010659 - EPA 3050B

<b>Blank (2010659-BLK1)</b>						Prepared: 01/27/12 Analyzed: 01/30/12				
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Arsenic	ND	1.00	0.76	mg/kg wet						
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<b>LCS (2010659-BS1)</b>						Prepared: 01/27/12 Analyzed: 01/30/12				
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Arsenic	96.8	1.00	0.76	mg/kg wet	100.00	97	80-120			
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<b>Matrix Spike (2010659-MS1)</b>						Source: AVA0503-09 Prepared: 01/27/12 Analyzed: 01/30/12				
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Arsenic	102	1.11	0.84	mg/kg dry	110.55	ND	92	75-125		
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<b>Matrix Spike Dup (2010659-MSD1)</b>						Source: AVA0503-09 Prepared: 01/27/12 Analyzed: 01/30/12				
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Arsenic	105	1.11	0.84	mg/kg dry	110.55	ND	95	75-125	3	20
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<b>Post Spike (2010659-PS1)</b>						Source: AVA0503-09 Prepared: 01/27/12 Analyzed: 01/30/12				
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Arsenic	1.03			mg/L	1.0000	0.004	102	80-120		
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Attention: Mr. Bob Schoepke

February 03, 2012

**Report No.: AVA0503**

## Volatile Organic Compounds by EPA 8260 - Quality Control

Analyte	Result	RL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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### Batch 2010458 - EPA 5030B

Blank (2010458-BLK1)	Prepared & Analyzed: 01/19/12										
Analyte	Result	RL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Acetone	ND	100	3.8	ug/L							
Acrolein	ND	50	2.4	ug/L							
Acrylonitrile	ND	50	1.3	ug/L							
Allyl Chloride (3-Chloropropylene)	ND	10	0.6	ug/L							
Benzene	ND	2.0	0.3	ug/L							
Bromobenzene	ND	10	0.4	ug/L							
Bromoform	ND	10	0.4	ug/L							
Bromomethane	ND	10	0.4	ug/L							
Bromodichloromethane	ND	10	0.2	ug/L							
Bromoform	ND	10	0.5	ug/L							
Bromomethane	ND	10	1.3	ug/L							
n-Butylbenzene	ND	10	0.2	ug/L							
sec-Butylbenzene	ND	10	0.4	ug/L							
tert-Butylbenzene	ND	10	0.4	ug/L							
Carbon Disulfide	ND	10	0.4	ug/L							
Carbon Tetrachloride	ND	2.0	0.3	ug/L							
Chlorobenzene	ND	10	0.5	ug/L							
1-Chlorobutane	ND	10	0.5	ug/L							
Chloroethane	ND	5.0	0.6	ug/L							
2-Chloroethyl Vinyl Ether	ND	10	0.6	ug/L							
Chloroform	ND	2.0	0.6	ug/L							
Chloromethane	ND	10	0.4	ug/L							
2-Chlorotoluene	ND	10	0.4	ug/L							
4-Chlorotoluene	ND	10	0.4	ug/L							
Dibromochloromethane	ND	10	0.2	ug/L							
1,2-Dibromo-3-chloropropane	ND	10	1.3	ug/L							
1,2-Dibromoethane	ND	10	0.3	ug/L							
Dibromomethane	ND	10	0.5	ug/L							
1,2-Dichlorobenzene	ND	10	0.6	ug/L							
1,3-Dichlorobenzene	ND	10	0.6	ug/L							
1,4-Dichlorobenzene	ND	10	0.6	ug/L							
trans-1,4-Dichloro-2-butene	ND	5.0	1.2	ug/L							
Dichlorodifluoromethane	ND	10	0.5	ug/L							
1,1-Dichloroethane	ND	2.0	0.3	ug/L							
1,2-Dichloroethane	ND	2.0	0.4	ug/L							
1,1-Dichloroethene	ND	2.0	0.4	ug/L							
cis-1,2-Dichloroethene	ND	2.0	0.4	ug/L							
trans-1,2-Dichloroethene	ND	2.0	0.3	ug/L							
1,2-Dichloropropane	ND	2.0	0.3	ug/L							
1,3-Dichloropropane	ND	2.0	0.3	ug/L							



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February 03, 2012

**Report No.: AVA0503**

## 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 2010458 - EPA 5030B</b>											
<b>Blank (2010458-BLK1)</b>											Prepared & Analyzed: 01/19/12
2,2-Dichloropropane	ND	10	0.2	ug/L							
1,1-Dichloropropene	ND	10	0.4	ug/L							
cis-1,3-Dichloropropene	ND	2.0	0.2	ug/L							
trans-1,3-Dichloropropene	ND	2.0	0.2	ug/L							
Ethylbenzene	ND	2.0	0.3	ug/L							
Ethyl Methacrylate	ND	10	0.6	ug/L							
Hexachlorobutadiene	ND	10	1.0	ug/L							
p-Isopropyltoluene	ND	10	0.4	ug/L							
Hexachloroethane	ND	10	1.2	ug/L							
Iodomethane	ND	10	0.5	ug/L							
Isopropylbenzene	ND	10	0.4	ug/L							
Methacrylonitrile	ND	10	1.4	ug/L							
Methyl Acrylate	ND	10	0.6	ug/L							
Methyl Butyl Ketone (2-Hexanone)	ND	10	1.1	ug/L							
Methylene Chloride	3.0	5.0	0.6	ug/L							J
Methyl Ethyl Ketone (2-Butanone)	ND	100	1.8	ug/L							
Methyl Methacrylate	ND	10	0.6	ug/L							
4-Methyl-2-pentanone (MIBK)	ND	10	1.1	ug/L							
Methyl-tert-Butyl Ether	ND	10	0.4	ug/L							
Naphthalene	0.4	10	0.4	ug/L							J
2-Nitropropane	ND	10	1.2	ug/L							
Propionitrile (Ethyl Cyanide)	ND	20	1.6	ug/L							
n-Propylbenzene	ND	10	0.4	ug/L							
Styrene	ND	5.0	0.3	ug/L							
1,1,1,2-Tetrachloroethane	ND	2.0	0.3	ug/L							
1,1,2,2-Tetrachloroethane	ND	2.0	0.4	ug/L							
Tetrachloroethene	ND	2.0	0.4	ug/L							
Toluene	ND	2.0	0.4	ug/L							
1,2,3-Trichlorobenzene	ND	10	0.7	ug/L							
1,2,4-Trichlorobenzene	ND	10	0.5	ug/L							
1,1,1-Trichloroethane	ND	2.0	0.3	ug/L							
1,1,2-Trichloroethane	ND	2.0	0.7	ug/L							
Trichloroethene	ND	2.0	0.3	ug/L							
Trichlorofluoromethane	ND	10	0.3	ug/L							
1,2,3-Trichloropropane	ND	10	0.7	ug/L							
1,2,4-Trimethylbenzene	ND	10	0.4	ug/L							
1,3,5-Trimethylbenzene	ND	10	0.3	ug/L							
Vinyl Acetate	ND	10	0.2	ug/L							
Vinyl Chloride	ND	1.0	0.2	ug/L							



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Elgin IL, 60120

Attention: Mr. Bob Schoepke

February 03, 2012

**Report No.: AVA0503**

## Volatile Organic Compounds by EPA 8260 - Quality Control

Analyte	Result	RL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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### Batch 2010458 - EPA 5030B

Blank (2010458-BLK1)						Prepared & Analyzed: 01/19/12			
m+p-Xylene	ND	5.0	0.6	ug/L					
o-Xylene	ND	5.0	0.3	ug/L					
Xylenes, total	ND	5.0	0.6	ug/L					
Surrogate: Dibromofluoromethane	51			ug/L	50.000	102	75-123		
Surrogate: 1,2-Dichloroethane-d4	52			ug/L	50.000	104	72-120		
Surrogate: Toluene-d8	50			ug/L	50.000	100	75-120		
Surrogate: 4-Bromofluorobenzene	51			ug/L	50.000	102	80-120		

### LCS (2010458-BS1)

LCS (2010458-BS1)						Prepared & Analyzed: 01/19/12			
Benzene	47			ug/L	50.000	95	80-120		
Chlorobenzene	47			ug/L	50.000	94	80-120		
1,1-Dichloroethene	56			ug/L	50.000	112	77-121		
Toluene	46			ug/L	50.000	92	78-120		
Trichloroethene	54			ug/L	50.000	108	80-122		
Surrogate: Dibromofluoromethane	51			ug/L	50.000	101	75-123		
Surrogate: 1,2-Dichloroethane-d4	50			ug/L	50.000	101	72-120		
Surrogate: Toluene-d8	49			ug/L	50.000	97	75-120		
Surrogate: 4-Bromofluorobenzene	50			ug/L	50.000	99	80-120		

### Batch 2010770 - EPA 5030B

Blank (2010770-BLK1)						Prepared & Analyzed: 01/31/12			
Acetone	ND	100	1.6	ug/kg wet					
Acrolein	ND	50	1.3	ug/kg wet					
Acrylonitrile	ND	50	0.4	ug/kg wet					
Benzene	ND	5.0	0.2	ug/kg wet					
Bromobenzene	ND	10	0.2	ug/kg wet					
Bromochloromethane	ND	10	0.3	ug/kg wet					
Bromodichloromethane	ND	10	0.1	ug/kg wet					
Bromoform	ND	10	0.2	ug/kg wet					
Bromomethane	ND	10	0.4	ug/kg wet					
n-Butylbenzene	ND	10	0.2	ug/kg wet					
sec-Butylbenzene	ND	10	0.2	ug/kg wet					
tert-Butylbenzene	ND	10	0.1	ug/kg wet					
Carbon Disulfide	ND	10	1.1	ug/kg wet					
Carbon Tetrachloride	ND	5.0	0.1	ug/kg wet					
Chlorobenzene	ND	10	0.2	ug/kg wet					
Chloroethane	ND	5.0	0.7	ug/kg wet					
2-Chloroethyl Vinyl Ether	ND	10	0.2	ug/kg wet					
Chloroform	0.2	5.0	0.1	ug/kg wet					
Chloromethane	ND	10	0.2	ug/kg wet					



# 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

February 03, 2012

**Report No.: AVA0503**

## Volatile Organic Compounds by EPA 8260 - Quality Control

Analyte	Result	RL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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### Batch 2010770 - EPA 5030B

Blank (2010770-BLK1)	Prepared & Analyzed: 01/31/12										
Analyte	Result	RL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
2-Chlorotoluene	ND	10	0.2	ug/kg wet							
4-Chlorotoluene	ND	10	0.2	ug/kg wet							
Dibromochloromethane	ND	5.0	0.3	ug/kg wet							
1,2-Dibromo-3-chloropropane	ND	10	0.5	ug/kg wet							
1,2-Dibromoethane	ND	10	0.2	ug/kg wet							
Dibromomethane	ND	10	0.3	ug/kg wet							
1,2-Dichlorobenzene	ND	10	0.3	ug/kg wet							
1,3-Dichlorobenzene	ND	10	0.2	ug/kg wet							
1,4-Dichlorobenzene	ND	10	0.3	ug/kg wet							
Dichlorodifluoromethane	ND	10	0.1	ug/kg wet							
1,1-Dichloroethane	ND	5.0	0.2	ug/kg wet							
1,2-Dichloroethane	ND	5.0	0.2	ug/kg wet							
1,1-Dichloroethene	ND	5.0	0.3	ug/kg wet							
cis-1,2-Dichloroethene	ND	5.0	0.2	ug/kg wet							
trans-1,2-Dichloroethene	ND	5.0	0.2	ug/kg wet							
1,2-Dichloropropane	ND	5.0	0.2	ug/kg wet							
1,3-Dichloropropane	ND	5.0	0.3	ug/kg wet							
2,2-Dichloropropane	ND	10	0.2	ug/kg wet							
1,1-Dichloropropene	ND	10	0.1	ug/kg wet							
cis-1,3-Dichloropropene	ND	5.0	0.2	ug/kg wet							
trans-1,3-Dichloropropene	ND	5.0	0.1	ug/kg wet							
Ethylbenzene	ND	5.0	0.1	ug/kg wet							
Hexachlorobutadiene	ND	10	0.2	ug/kg wet							
Isopropylbenzene	ND	10	0.6	ug/kg wet							
p-Isopropyltoluene	ND	10	0.1	ug/kg wet							
Methyl Butyl Ketone (2-Hexanone)	ND	50	0.4	ug/kg wet							
Methylene Chloride	ND	10	0.2	ug/kg wet							
Methyl Ethyl Ketone (2-Butanone)	ND	100	0.7	ug/kg wet							
4-Methyl-2-pentanone (MIBK)	ND	50	0.6	ug/kg wet							
Naphthalene	2.9	10	0.4	ug/kg wet							J
n-Propylbenzene	ND	10	0.1	ug/kg wet							
Styrene	ND	5.0	0.1	ug/kg wet							
1,1,1,2-Tetrachloroethane	ND	10	0.1	ug/kg wet							
1,1,2,2-Tetrachloroethane	ND	5.0	0.2	ug/kg wet							
Tetrachloroethene	ND	5.0	0.2	ug/kg wet							
Toluene	ND	5.0	0.2	ug/kg wet							
1,2,3-Trichlorobenzene	ND	10	0.3	ug/kg wet							
1,2,4-Trichlorobenzene	ND	10	0.2	ug/kg wet							
1,1,1-Trichloroethane	ND	5.0	0.1	ug/kg wet							



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Attention: Mr. Bob Schoepke

February 03, 2012

**Report No.: AVA0503**

## Volatile Organic Compounds by EPA 8260 - Quality Control

Analyte	Result	RL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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### Batch 2010770 - EPA 5030B

Blank (2010770-BLK1)						Prepared & Analyzed: 01/31/12					
Analyte	Result	RL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1,2-Trichloroethane	ND	5.0	0.3	ug/kg wet							
Trichloroethene	ND	5.0	0.9	ug/kg wet							
Trichlorofluoromethane	ND	10	0.2	ug/kg wet							
1,2,3-Trichloropropane	ND	10	0.3	ug/kg wet							
1,2,4-Trimethylbenzene	ND	10	0.1	ug/kg wet							
1,3,5-Trimethylbenzene	ND	10	0.2	ug/kg wet							
Vinyl Acetate	ND	10	0.7	ug/kg wet							
Vinyl Chloride	ND	10	0.2	ug/kg wet							
m+p-Xylene	ND	5.0	0.9	ug/kg wet							
o-Xylene	ND	5.0	0.9	ug/kg wet							
Xylenes, total	ND	5.0	0.9	ug/kg wet							
Allyl Chloride (3-Chloropropylene)	ND	20	0.4	ug/kg wet							
1-Chlorobutane	ND	10	0.2	ug/kg wet							
trans-1,4-Dichloro-2-butene	ND	250	0.3	ug/kg wet							
Hexachloroethane	ND	10	0.4	ug/kg wet							
Iodomethane	ND	10	0.4	ug/kg wet							
Methacrylonitrile	ND	50	0.5	ug/kg wet							
Methyl Acrylate	ND	10	0.4	ug/kg wet							
Propionitrile (Ethyl Cyanide)	ND	250	1.3	ug/kg wet							
Methyl Methacrylate	ND	10	0.3	ug/kg wet							
2-Nitropropane	ND	10	1.8	ug/kg wet							
Surrogate: Dibromofluoromethane	51			ug/kg	50.000		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	54			ug/kg	50.000		109	67-139			
Surrogate: Toluene-d8	50			ug/kg	50.000		101	74-120			
Surrogate: 4-Bromofluorobenzene	52			ug/kg	50.000		104	68-140			

LCS (2010770-BS1)						Prepared & Analyzed: 01/31/12					
Analyte	Result	RL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Benzene	49			ug/kg	50.000		98	80-120			
Chlorobenzene	45			ug/kg	50.000		90	80-120			
1,1-Dichloroethene	40			ug/kg	50.000		81	70-120			
Toluene	45			ug/kg	50.000		90	78-120			
Trichloroethene	45			ug/kg	50.000		89	74-125			
Surrogate: Dibromofluoromethane	50			ug/kg	50.000		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	53			ug/kg	50.000		106	67-139			
Surrogate: Toluene-d8	50			ug/kg	50.000		101	74-120			
Surrogate: 4-Bromofluorobenzene	51			ug/kg	50.000		102	68-140			



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Attention: Mr. Bob Schoepke

February 03, 2012

**Report No.: AVA0503**

## Volatile Organic Compounds by EPA 8260 - Quality Control

Analyte	Result	RL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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### Batch 2010770 - EPA 5030B

Matrix Spike (2010770-MS1)		Source: AVA0418-02			Prepared & Analyzed: 01/31/12					
Benzene	41			ug/kg	50.000	ND	82	66-120		
Chlorobenzene	35			ug/kg	50.000	ND	69	52-120		
1,1-Dichloroethene	37			ug/kg	50.000	ND	73	54-121		
Toluene	41			ug/kg	50.000	0.3	81	46-124		
Trichloroethene	38			ug/kg	50.000	ND	76	59-122		
Surrogate: Dibromofluoromethane	41			ug/kg	50.000		82	70-130		
Surrogate: 1,2-Dichloroethane-d4	53			ug/kg	50.000		105	67-139		
Surrogate: Toluene-d8	50			ug/kg	50.000		100	74-120		
Surrogate: 4-Bromofluorobenzene	51			ug/kg	50.000		102	68-140		

Matrix Spike Dup (2010770-MSD1)		Source: AVA0418-02			Prepared & Analyzed: 01/31/12					
Benzene	45			ug/kg	50.000	ND	89	66-120	8	41
Chlorobenzene	37			ug/kg	50.000	ND	73	52-120	6	46
1,1-Dichloroethene	42			ug/kg	50.000	ND	84	54-121	13	57
Toluene	42			ug/kg	50.000	0.3	83	46-124	2	61
Trichloroethene	40			ug/kg	50.000	ND	79	59-122	5	49
Surrogate: Dibromofluoromethane	41			ug/kg	50.000		82	70-130		
Surrogate: 1,2-Dichloroethane-d4	55			ug/kg	50.000		110	67-139		
Surrogate: Toluene-d8	51			ug/kg	50.000		102	74-120		
Surrogate: 4-Bromofluorobenzene	52			ug/kg	50.000		104	68-140		



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Attention: Mr. Bob Schoepke

February 03, 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



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Attention: Mr. Bob Schoepke

February 03, 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.**



## **ANALYTICAL SERVICES, INC.**

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Attention: Mr. Bob Schoepke

February 03, 2012

Please visit [Black Ink](#) to complete form.



# ANALYTICAL SERVICES, INC.

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

## LOG-IN CHECKLIST

Printed: 2/3/2012 2:37:00PM

**Attn:** Mr. Bob Schoepke

**Client:** Safety-Kleen Corporation - Elgin

**Project:** Medley, FL

**Date Received:** 01/19/12 08:40

**Work Order:** AVA0503

**Logged In By:** Charles Hawks

### OBSERVATIONS

<b>#Samples:</b> 13	<b>#Containers:</b> 27
<b>Minimum Temp(C):</b> 2.0	<b>Maximum Temp(C):</b> 2.0
<b>Custody Seal(s) Used:</b> Yes	

### CHECKLIST ITEMS

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

**Comments:**

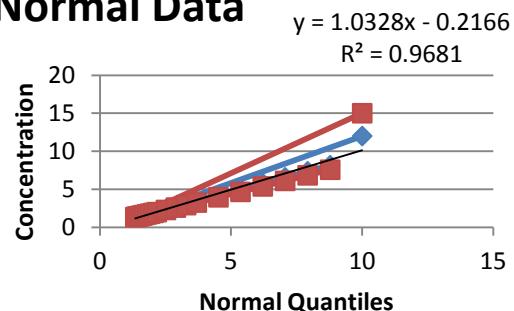
## APPENDIX E

### FDEP 95% UCL CALCULATION RESULTS (RUN-B AND RUN-F)

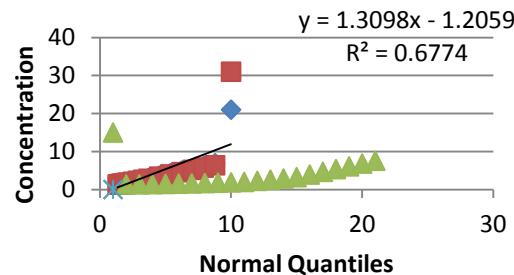
## FDEP UCL Calculator Version 1.1

Goodness-of-fit test results

### Normal Data



### Lognormal Data



### 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	0.901
SW test statistic for LogNormal Distribution	0.941
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

<b>Summary Statistics for</b>	
Number of Samples	21
Number of Censored Data	5
Minimum	0.21
Maximum	3.64
Mean	1.41881
Median	1.06
Standard Deviation	1.07283
Variance	1.150965
Coefficient of Variation	0.756148
Skewness	0.659016

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

Student's-t	1.822585
-------------	----------

**95% UCL (Adjusted for Skewness)**

Adjusted-CLT	1.839901
Modified-t	1.828196

**95% Non-parametric UCL**

CLT	1.803922
Jackknife	NA
Standard Bootstrap	1.832693
Bootstrap-t	1.775032
Chebyshev (Mean, Std)	2.439298

<b>Summary Statistics for In()</b>	
Minimum	-1.56065
Maximum	1.291984
Mean	0.015042
Standard Deviation	0.898583
Variance	0.807451

**Goodness-of-Fit Results**

Distribution Recommended	Neither
Distribution Used	Neither

**Estimates Assuming Lognormal Distribution**

MLE Mean	1.520087
MLE Standard Deviation	1.694188
MLE Median	1.015156
MLE Coefficient of Variation	1.114534
MVUE Estimate of Mean	1.470389
MVUE Estimate of Std. Dev.	1.467184
MVUE Estimate of SE	0.358343
MVUE Coefficient of Variation	0.997821

**UCL Assuming Lognormal Distribution**

95% H-UCL	2.508552
95% Chebyshev (MVUE) UCL	3.032369
99% Chebyshev (MVUE) UCL	5.035864

**FDEP Recommended UCL to Use:**

2.439298

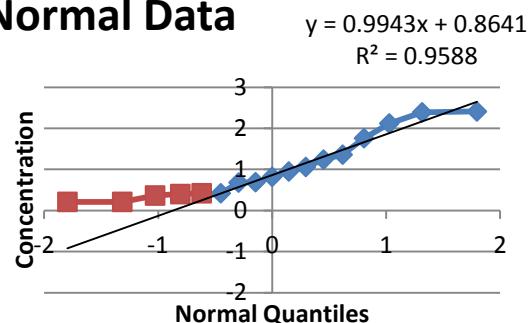
## SK-MD UCL Run B.xls

Sample #	Date	Arsenic (mg/kg) [re-reported to MDL]	Qualifier
SB-1	09/10/09	0.95	
SB-2	09/10/09	3.15	
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	3.00	
SB-22	01/18/12	2.50	

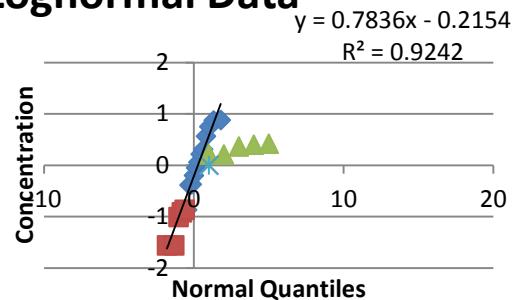
# FDEP UCL Calculator Version 1.1

Goodness-of-fit test results

## Normal Data



## Lognormal Data



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

SF for Normal Distribution	0
SF for LogNormal Distribution	0
Shapiro-Francia critical value for $p < 0.05$	0.931813

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	0.882
SW test statistic for LogNormal Distribution	0.946
Shapiro-Wilk's critical value for $p < 0.05$	0.892

Test stat > critical value indicates a reasonable fit

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

Neither

<b>Summary Statistics for</b>	
Number of Samples	17
Number of Censored Data	5
Minimum	0.21
Maximum	2.41
Mean	1.029706
Median	0.82
Standard Deviation	0.74354
Variance	0.552851
Coefficient of Variation	0.72209
Skewness	0.807787

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

Student's-t	1.34455
-------------	---------

**95% UCL (Adjusted for Skewness)**

Adjusted-CLT	1.364114
Modified-t	1.350438

**95% Non-parametric UCL**

CLT	1.326357
Jackknife	NA
Standard Bootstrap	1.325617
Bootstrap-t	1.47263
Chebyshev (Mean, Std)	1.815786

<b>Summary Statistics for In()</b>	
Minimum	-1.56065
Maximum	0.879627
Mean	-0.24344
Standard Deviation	0.795065
Variance	0.632128

**Goodness-of-Fit Results**

Distribution Recommended	Neither
Distribution Used	Neither

**Estimates Assuming Lognormal Distribution**

MLE Mean	1.075331
MLE Standard Deviation	1.009672
MLE Median	0.78393
MLE Coefficient of Variation	0.938941
MVUE Estimate of Mean	1.040962
MVUE Estimate of Std. Dev.	0.88069
MVUE Estimate of SE	0.251094
MVUE Coefficient of Variation	0.846035

**UCL Assuming Lognormal Distribution**

95% H-UCL	1.75252
95% Chebyshev (MVUE) UCL	2.135457
99% Chebyshev (MVUE) UCL	3.539326

<b>FDEP Recommended UCL to Use:</b>
1.815786

## SK-MD UCL Run F.xls

Sample #	Date	Arsenic (mg/kg) [re-reported to MDL]	Qualifier
SB-1	09/10/09	0.95	
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	
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

## **APPENDIX F**

### **POST ACTIVE REMEDIATION MONITORING (PARM) PLAN**



Environmental Consulting & Technology, Inc.

February 14, 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  
Post Active Remediation Monitoring Plan**

Dear Mr. Russell:

On behalf of Safety-Kleen Systems, Inc. (S-K), Environmental Consulting & Technology, Inc. (ECT) submits this Post Active Remediation Monitoring (PARM) Plan (hereafter, "Plan") for the referenced S-K facility located in Medley, Florida.

S-K has performed active soil and groundwater remediation and associated monitoring 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 indicate 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. Please refer to the Second Remedial Action Status Report for these soil and groundwater results (February 2012).

Therefore:

1. The No Further Action criteria of subsection 62-780.680(1), F.A.C. have been met via active remediation,
2. Active remediation was terminated on January 9, 2012, and
3. This Plan is submitted in accordance with subsection 62-780.750(4), F.A.C. and the RAP.

The groundwater monitoring and reporting per this Plan will replace the corresponding monitoring and reporting that was being performed per the RAP during the active remediation phase.

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### **Sampling and Analysis**

All sampling and analysis will apply the August 17, 2009, Sampling & Analysis Plan (SAP) per Condition VI.B.2 of the facility permit. Field measurements at each well sampled will include: water level; pH, specific conductance; temperature; turbidity; and dissolved oxygen. All samples will be laboratory analyzed for volatile organic compounds as specified and listed in Table 5 of the RAP.

Four groundwater monitoring events will occur per this Plan. Each event will be spaced approximately 6-weeks apart, beginning in February 2012. Specifically:

1. 1<sup>st</sup> event during the week of February 20;
2. 2<sup>nd</sup> event during the week of April 2;
3. 3<sup>rd</sup> event during the week of May 14; and
4. 4<sup>th</sup> event during the week of June 25.

During the first monitoring event, groundwater samples will be collected from all 10 monitor wells; this includes the two deep wells (i.e., MW-4D and MW-5D). During the second and third monitoring events, samples will be collected from the following three monitor wells: MW-1, MW-5, MW-4. During the fourth monitoring event, samples will be collected from the following five monitor wells: MW-1, MW-5, MW-4, MW-4D and MW-5D per Condition VI.B.4.2 of the facility permit. Groundwater monitor well locations are shown in Figure 4 of the RAP.

If results from the first monitoring event (all 10 wells) indicate any constituent is detected at a given well at a concentration exceeding a groundwater cleanup target level (GCTL), then that well(s) will be added to the list of wells to be monitored during the subsequent monitoring events.

### **Reporting**

A Post Active Remediation Monitoring Report (“Report”) will be submitted within 60 days after the completion of each of the four monitoring events. Each Report will include information consistent with subsection 62-780.750(4)(d), F.A.C., and if applicable, subsection 62-780.750(4)(e), F.A.C.

When post active remediation monitoring is considered complete pursuant to subsection 62-780.750(4)(f), F.A.C., a Site Rehabilitation Completion Report and No Further Action Proposal will be submitted within 60 days after the later of either: (A) the final monitoring event (permit Condition VI.B.5); or (B) the completion of soil removal actions as proposed in the Second Remedial Action Status Report. This submittal may be manifest as a combined document with the final monitoring Report.

Mr. Merlin D. Russell, Jr.

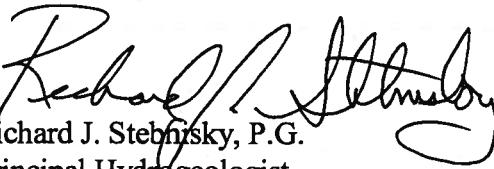
February 14, 2012

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

Sincerely,

**ENVIRONMENTAL CONSULTING & TECHNOLOGY, INC.**

  
Richard J. Stebnisky, P.G.  
Principal Hydrogeologist

2-14-12

Date

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