

August 26, 2014
120043-1401

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 III
Hazardous Waste Regulation

Re: Safety-Kleen Systems, Inc., 5309 24th Avenue South, Tampa, Florida
EPA ID # FLD 980 847 271; Operating Permit No. 34744-HO-007
Natural Attenuation Monitoring Report #8, and
Site Rehabilitation Completion Report with a No Further Action Proposal

Dear Mr. Russell:

On behalf of Safety-Kleen Systems, Inc. (S-K), Environmental Consulting & Technology, Inc. (ECT) submits this Natural Attenuation with Monitoring Report (NAMR) #8 and Site Rehabilitation Completion Report (SRCR) with a No Further Action Proposal (hereafter SRCR) for the referenced facility in accordance with Rule 62-730.225 and Chapter 62-780, Florida Administrative Code (F.A.C.), and Specific Condition V.5 of the referenced RCRA permit.

Two hard copies and one electronic copy (CD) are submitted, and this report is due to be submitted within 60 days after sample collection, per permit Condition I.16 and per subsection 62-780.600(8)(d), F.A.C.

This SRCR is related to site monitoring actions implemented in accordance to the RCRA permit Appendix A part A.1 for Solid Waste Management Unit 21 (SWMU-21). The facility permit defines SWMU-21 as the septic tank and drainfield.

BACKGROUND INFORMATION

S-K owns and operates the service center facility located at 5309 24th Avenue South in Tampa, Hillsborough County, Florida. This facility has been in operation since June 28, 1985. Figure 1 is a regional location map, illustrating the regional setting of the facility. Figure 2 is a map of the facility, which includes the location of the septic tank and drain field (SWMU-21).

1408 N Westshore
Blvd, Suite 115
Tampa, FL
33607

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FAX
(813) 289-9388

ECT, on behalf of S-K, performed a site assessment (SA) at the Safety-Kleen Tampa facility pursuant to Rule 62-780.600 of the (F.A.C.), and Condition V.5 in S-K's hazardous waste facility operating permit. The SA actions and results were presented in the August 2012 site assessment report (SAR). The SAR provided information regarding the facility and the environmental setting, and specific details regarding the local hydrogeology and the areal extent of any soil and groundwater impacts. The SAR presented the methods and results of the SA, and summarized conclusions and recommendations in accordance with Rule 62-780.600(8)(b). Specifically, the SAR addressed the investigation of impacts located in the immediate vicinity of SWMU-21. Groundwater impacts were confirmed, and the source of the impacts was determined to be a release from the onsite septic tank.

Based on the SA results, the SAR recommended Natural Attenuation with Monitoring. The Natural Attenuation with Monitoring Plan (NAMP) was presented as Section 8.2.1 in the SAR. The NAMP was prepared pursuant to subsection 62-780.690(8), F.A.C. The Department's letter dated September 28, 2012, approved the NAMP with clarifying comments; specifically, Comment 6 in that letter provided five items regarding implementation of the NAMP. This SRCR provides results of monitoring that was implemented in accordance with the NAMP as approved and clarified by the Department.

As reported in NAMR #6, monitor well MW-2 had been damaged and therefore was removed and replaced on March 21, 2014, with a new well (MW-2R) by a certified water well contractor, and the top of casing and land surface elevations were surveyed. The Department was notified of this planned field activity on March 13, 2014 via e-mail. The MW-2R as-built construction details and associated field notes were provided in NAMR #7.

AUGUST 2014 SAMPLING AND ANALYSIS

The Department was notified via e-mail on July 25, 2014, in advance of the August 5, 2014, groundwater sampling event, which was the eighth quarterly monitoring event pursuant to implementation of the NAMP.

It is noteworthy that on April 22, 2014, the onsite septic system was taken offline and replaced with a city sanitary sewer connection; the Department was notified of this milestone via e-mail on May 6, 2014. The sampling event occurred in late May (27th) to allow maximum time for groundwater equilibrium in the area of interest.

Per paragraph 62-780.690(8)(d), F.A.C., this SRCR includes the analytical results (laboratory report), chain of custody record, the tables required pursuant to subparagraph 62-780.600(8)(a)27., F.A.C. (updated as applicable), a site map that illustrates the analytical results, and the water-level elevation information (summary table and flow map).

The groundwater monitoring program per the NAMP includes sampling and analysis for three monitoring wells; MW-2R, MW-3 and MW-4. MW-2R is located in the source area, and MW-3 and MW-4 are located downgradient of the source area. Groundwater from these three monitoring wells was sampled on August 5, 2014, for analysis of semivolatile organic compounds (SVOCs) by EPA Method 8270. Sampling and analysis activities were conducted in accordance with applicable FDEP SOPs, and in accordance with the Sampling and Analysis Plan (SAP) dated January 12, 2012, which was approved by the Department on January 17, 2012. In accordance with the SAP, all samples were collected by ECT and all laboratory analyses were performed by Analytical Services, Inc. (ASI) (NELAC certification E87315).

Water levels were measured in all six existing monitor wells on August 5, 2014. Water level measurement data are provided in Table 1. Well locations are included in Figure 3, along with water table elevation data and contours for the August 5, 2014, measurements. The apparent groundwater flow direction is generally toward the northwest.

Groundwater sampling logs are included in Attachment 1. The laboratory report of groundwater analytical results is included in Attachment 2.

Table 2 provides a summary of all SVOCs detected in groundwater during this monitoring event, and all previous monitoring events. The August 2014 sample results indicate that no SVOC was detected at any of the wells sampled (MW-2R, MW-3 and MW-4), and, and such, that no Action Level was exceeded at any well.

Action Levels in the source area at MW-2R are the natural attenuation default source concentrations (NADSC) per Table V in Chapter 62-777, F.A.C. No SVOC was detected at MW-2R at a concentration above the NADSC criteria; as such, there is no exceedance of an Action Level in the source area.

Per Comment 6, item 4, in the Department's September 28, 2012 letter, "Wells MW-3 and MW-4 will be considered the point of compliance." The Action Levels at the point of compliance wells (MW-3 and MW-4) are the standard GCTLs per Chapter 62-777, F.A.C. No SVOC was detected at either MW-3 or MW-4. As such, there is no exceedance of an Action Level at the point of compliance.

The total SVOCs concentration for wells MW-2, MW-3 and MW-4 combined was none (all parameters below detection limits at all wells) in August 2014.

NO FURTHER ACTION PROPOSAL

At this facility, natural attenuation with monitoring follows site assessment. Therefore, per paragraph 62-780.690(8)(g), F.A.C., a minimum of two sampling events is required and site rehabilitation will be considered complete when the No Further Action criteria of subsection 62-780.680(1) or 62-780.680(2), F.A.C., have been met for two consecutive sampling events. For this facility, the Department has asserted that the two consecutive sampling events must occur after the onsite septic system is taken offline and groundwater has equilibrated. The septic system was taken offline on April 22, 2014. As such, the May 27, 2014 sampling event represented the first of the two required sampling events, and the August 5, 2014 sampling event represented the second of the two required sampling events; both of those sampling events achieved the No Further Action criteria of subsection 62-780.680(1), F.A.C.

Therefore, the site cleanup objectives have been achieved, and S-K proposes No Further Action Without Controls (Risk Management Options Level I) in accordance with subsection 62-780.680(1), F.A.C.

This SRCR includes the documentation required in paragraph 62-780.690(8)(d), F.A.C., to support the opinion that site cleanup objectives have been achieved.

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

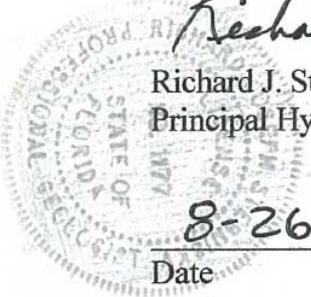
Sincerely,

ENVIRONMENTAL CONSULTING & TECHNOLOGY, INC.



Richard J. Stebnisky, P.G.

Principal Hydrogeologist



8-26-14
Date

Enclosures:

Tables 1 and 2
Figures 1 to 3
Attachments 1 and 2

cc: Hazardous Waste Supervisor, FDEP Temple Terrace, Florida (hard copy)
Bob Schoepke, Safety-Kleen (electronic)
Branch File, Safety-Kleen Facility Manager (hard copy)
Jeff Curtis, Safety-Kleen – Compliance (electronic)
Keith Morrison, ECT (electronic)

TABLES

TABLE 1. GROUNDWATER ELEVATION SUMMARY

Facility Name: Safety-Kleen Systems, Inc., Tampa, Florida

EPA ID#: FLD980847271

WELL NO.	MW-1		MW-2R*	MW-2	MW-3		MW-4		MW-5		MW-6D	
DIAMETER	2"		2"	2"	2"		2"		2"		2"	
WELL DEPTH (TOC)	12.19		12.07	12.27	12.22		12.37		12.01		48.23	
SCREEN INTERVAL (ft bls)	2 - 12		2 - 12	2 - 12	2 - 12		2 - 12		2 - 12		41-46	
TOC ELEVATION (NGVD)	13.00		12.67	12.44	11.45		11.56		13.55		11.93	

DATE	ELEV	DTW		ELEV	DTW		ELEV	DTW		ELEV	DTW		ELEV	DTW		ELEV	DTW	
02/08/12	8.00	5.00		7.98	4.46		7.77	3.68		7.83	3.73		8.13	5.42			NYI	
04/09/12	8.28	4.72		8.92	3.52		8.08	3.37		8.11	3.45		8.41	5.14			NYI	
07/02/12	10.89	2.11		11.22	1.22		10.52	0.93		10.62	0.94		10.85	2.70			NYI	
07/19/12	11.12	1.88		11.58	0.86		10.78	0.67		10.75	0.81		11.24	2.31		8.25	3.68	
10/16/12	10.97	2.03		11.27	1.17		10.66	0.79		10.66	0.90		11.06	2.49		8.42	3.51	
11/06/12										8.91	2.65							
01/03/13	8.77	4.23		9.27	3.17		8.70	2.75		8.64	2.92		9.02	4.53		6.94	4.99	
04/03/13	7.74	5.26		8.73	3.71		7.64	3.81		7.65	3.91		7.93	5.62		5.70	6.23	
07/11/13	11.66	1.34		10.97	1.47		11.04	0.41		10.97	0.59		11.25	2.30		8.57	3.36	
10/09/13	11.55	1.45		11.33	1.11		10.86	0.59		10.87	0.69		11.27	2.28		8.77	3.16	
02/13/14	10.26	2.74		10.43	2.01		10.12	1.33		9.85	1.71		10.74	2.81		7.40	4.53	
05/27/14	9.22	3.78		8.08	4.59		8.93	2.52		8.82	2.74		9.77	3.78		6.70	5.23	
06/18/14	11.69	1.31		11.25	1.42		11.04	0.41		11.10	0.46		11.28	2.27		8.02	3.91	
08/05/14	10.53	2.47		10.12	2.55		9.86	1.59		9.89	1.67		10.49	3.06		7.66	4.27	

Notes:

Top of Casing (TOC) Elevations were surveyed relative to NGVD 1929 as approximated from facility elevation survey (Figure 2.2-4 in 2011 ROPRA).

NGVD = National Geodetic Vertical Datum of 1929.

* = MW-2R (replacement well for damage MW-2) was constructed and surveyed 3/21/14.

ft bls = Feet below land surface.

NYI = Not yet installed.

Blank = No data

Sources: S-K, 2011; ECT, 2014.

Gradient Calculations*

DATE
02/08/12
04/09/12
07/02/12
07/19/12
10/16/12
01/03/13
04/03/13
07/11/13
10/09/13
02/13/14

AVERAGE Gradient

MW-2
Mound downgrad. Head diff Distance Gradient
Scenario contour

ELEV	ELEV	FT	FT	
7.98	7.80	0.18	37	0.0049
8.92	8.1	0.82	35	0.0234
11.22	10.5	0.72	52	0.0138
11.58	10.8	0.78	31	0.0252
11.27	10.7	0.57	33	0.0173
9.27	8.7	0.57	28	0.0204
8.73	7.65	1.08	37	0.0292
**	**			**
11.33	10.9	0.43	38	0.0113
10.43	10.00	0.43	50	0.0086

0.017

AMBIENT

Contour downgrad. Head diff Distance Gradient
Scenario contour

ELEV	ELEV	FT	FT	
8.00	7.80	0.20	68	0.0029
8.30	8.1	0.20	67	0.0030
10.90	10.5	0.40	94	0.0043
11.10	10.8	0.30	59	0.0051
11.00	10.7	0.30	71	0.0042
8.80	8.7	0.10	52	0.0019
7.75	7.65	0.10	59	0.0017
**	**			**
11.50	10.9	0.60	71	0.0085
10.40	10.00	0.40	47	0.0085

0.0045

* = Gradient calculations are based on the groundwater elevation contour maps.

** = 07/11/13 gradient calculation downgradient of MW-2 is not possible; no water table elevation is lower than at MW-2 (this never occurred before)

TABLE 2. GROUNDWATER: SUMMARY OF ALL SVOC CONSTITUENTS DETECTED
Safety-Kleen Systems, Inc.
Tampa, Florida

		Semivolatile Organic Compounds (SVOC, by EPA Method 8270)						
Well No.	Date	Benzoic Acid (µg/L)	1,4-Dichlorobenzene (µg/L)	Diethyl phthalate (µg/L)	3+4-Methylphenol (m+p cresol) (µg/L)	Naphthalene (µg/L)	Phenol (µg/L)	Total SVOCs (µg/L)
Primary MCL			75					
Secondary MCL								
GCTL		28,000		5,600	3.5	14	10*	
MW-1	02/08/12	<3.0	<2.7	<3.8	6.6 J	<3.5	<2.8	6.6
	04/09/12	<2.9	<2.7	<3.7	<5.1	<3.5	<2.7	BDL
	07/19/12	<2.9	<2.7	<3.7	<5.1	<3.5	<2.7	BDL
MW-2	02/08/12	370	14	14	<5.1	<3.5	32	430
	04/09/12	52	<2.7	4.2 J	62	<3.5	18	136.2
	07/02/12	140	<2.8	9.1 J	68	<3.7	18	235.1
	07/19/12	100	<2.7	5.1 J	100	<3.5	<2.7	205.1
	10/16/12	<1.4	<2.8	4.6	19	<3.0	<1.8	23.6
	01/03/13	69	<3.0	4.0	32	<3.2	11	116
	04/03/13	<1.4	<3.0	<2.8	<3.1	<3.2	<1.9	BDL
	07/11/13	<1.4	<3.0	<2.8	<3.1	<3.2	<1.9	BDL
	10/09/13	<1.4	7.7 J	5.3 J	<3.1	<3.2	<1.9	13
	02/13/14	<5.2	<2.9	<2.9	<4.7	<2.6	<2.1	BDL
MW-2R	05/27/14	<5.2	<2.9	<2.9	<1.0	<2.6	<2.1	BDL
	08/05/14	<5.2	<2.9	<2.9	<3.5	<2.6	<2.1	BDL
MW-3	02/08/12	<2.9	<2.7	<3.7	<5.1	<3.5	<2.7	BDL
	04/09/12	<2.9	<2.7	<3.7	<5.1	<3.5	<2.7	BDL
	07/19/12	<2.9	<2.7	<3.7	<5.1	<3.5	<2.7	BDL
	10/16/12	<1.4	<2.8	<2.6	<2.9	<3.0	<1.8	BDL
	01/03/13	<1.4	<2.8	<2.9	<2.9	<3.0	<1.8	BDL
	04/03/13	<1.4	<2.8	<2.6	<2.9	<3.0	<1.8	BDL
	07/11/13	<1.4	<3.0	<2.8	<3.1	<3.2	<1.9	BDL
	10/09/13	<1.4	<3.0	<2.8	<3.1	<3.2	<1.9	BDL
	02/13/14	<5.2	<2.9	<2.9	<4.7	<2.6	<2.1	BDL
	05/27/14	<5.2	<2.9	<2.9	<1.0	<2.6	<2.1	BDL
MW-4	02/08/12	<2.9	<2.7	<3.7	<5.1	<3.5	<2.7	BDL
	04/09/12	<2.9	<2.7	<3.7	<5.1	6.0 J	<2.7	6
	07/19/12	<2.9	<2.7	<3.7	<5.1	<3.5	<2.7	BDL
	10/16/12	<1.4	<2.8	<2.6	14	<3.0	<1.8	14
	11/06/12	<1.4	<3.0	<2.8	21	<3.2	<1.9	21
	01/03/13	<1.4	<2.8	<2.6	<2.9	<3.0	<1.8	BDL
	04/03/13	<1.4	<2.8	<2.6	<2.9	8.2 J	<1.8	8.2
	07/11/13	<1.4	<3.0	<2.8	5.3 J	<3.2	<1.9	5.3
	08/22/13	<1.4	<3.0	<3.0	<3.1	<3.2	<1.9	BDL
	10/09/13	<1.4	<3.0	<2.8	<3.1	<3.2	<1.9	BDL
MW-5	02/13/14	<5.2	<2.9	<2.9	<4.7	<2.6	<2.1	BDL
	05/27/14	<5.2	<2.9	<2.9	<1.0	<2.6	<2.1	BDL
	08/05/14	<5.2	<2.9	<2.9	<3.5	<2.6	<2.1	BDL
MW-6D	02/08/12	<2.9	<2.7	<3.7	<5.1	<3.5	<2.7	BDL
	04/09/12	N/A	N/A	N/A	N/A	N/A	N/A	BDL
MW-6D	07/19/12	<2.9	<2.7	<3.7	<5.1	<3.5	<2.7	BDL
MW-7	05/27/14	<5.2	<2.9	<2.9	<1.0	<2.6	<2.1	BDL
	08/05/14	<5.2	<2.9	<2.9	<3.5	<2.6	<2.1	BDL

Notes: No Primary MCL was exceeded in any sample.
MCL = Maximum contaminant level per Chapter 62-550, Florida Administrative Code.
µg/L = Micrograms per liter.
Bold = Result exceeds a Secondary MCL or a GCTL.
GCTL = Groundwater Cleanup Target Level per Chapter 62-777, Florida Administrative Code.
< = Not detected at levels equal to or greater than the method detection limit.
J = Estimated value less than reporting limit but greater than method detection limit.
* = Organoleptic based standard
N/A = Parameter not analyzed.

Sources: Analytical Services, Inc., 2014; and
ECT, 2014.

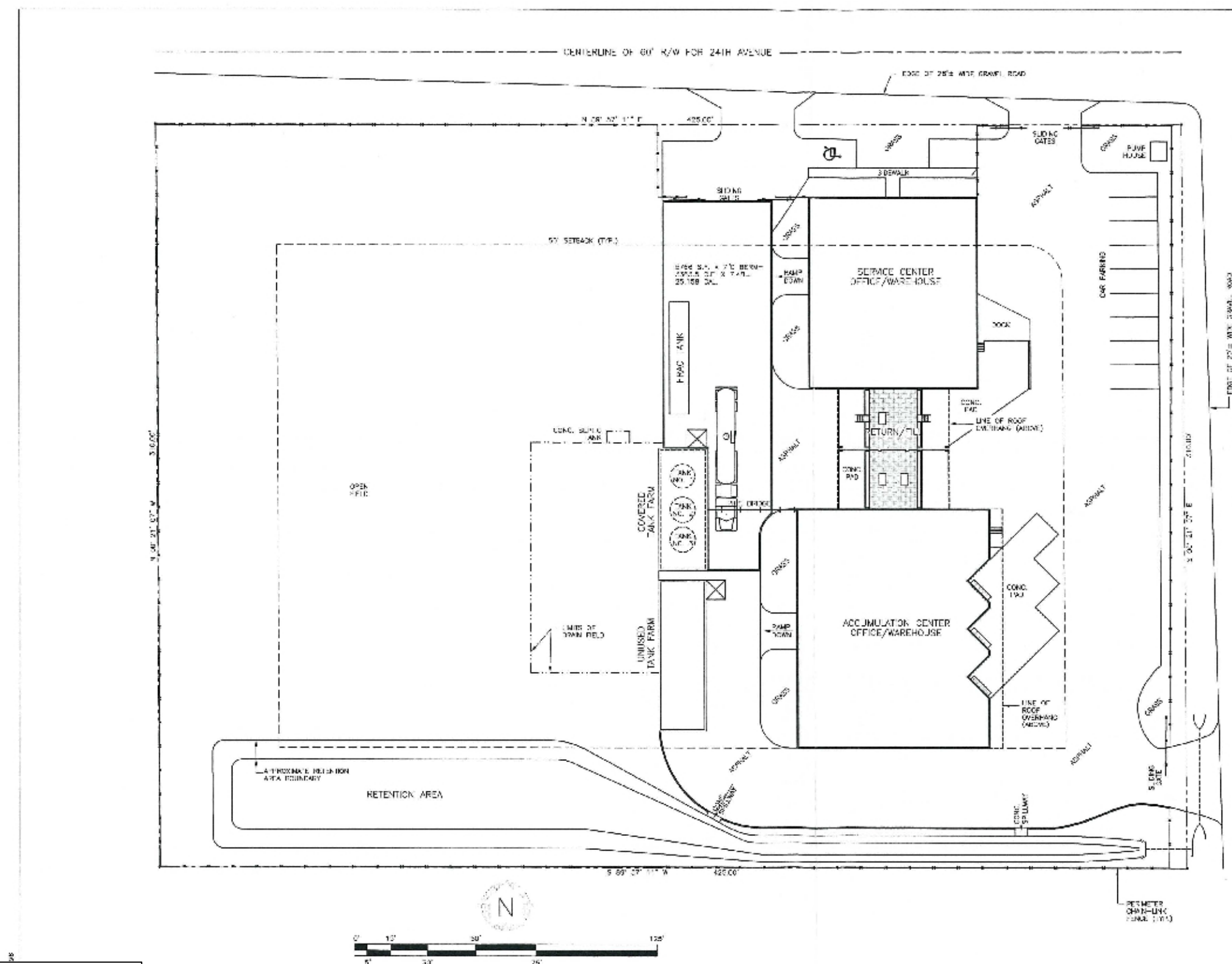
FIGURES



FIGURE 1.
REGIONAL LOCATION MAP
SAFETY-KLEEN
HILLSBOROUGH COUNTY, TAMPA, FLORIDA

Sources: ESRI Street Map Data, 2012; ECT, 2013.

ECT
Environmental Consulting & Technology, Inc.



GENERAL NOTES

ABBREVIATION LEGEND

CONC - CONCRETE
 UMS - USED MINERAL SPIRITS
 CWS100 - CLEAN MINERAL SPIRITS 100
 CWS150 - CLEAN MINERAL SPIRITS 150
 LSS - LIQUID SOLUBLE SOLIDS

TANK LEGEND

TANK NO.	TANK VOLUME	TANK CONTENTS	REMARKS
1	12,000 LBS	CWS150	12" FLAT BOTTOM TANK ON RT. METAL SKID
2	15,000 LBS	UMS	10'-0" FLAT BOTTOM TANK ON 6" METAL SKID
3	15,000 LBS	CWS150	10'-0" FLAT BOTTOM TANK ON 6" METAL SKID

REVISIONS

NO.	DESCRIPTION	BY	CHK	DATE
A	RELEASED TO EIR FOR REVIEW	MSH	CLM	05/15/13
B	REVISED TO SHOW EXISTING CONDITIONS	JST	BT	05/16/13
C	ADD INFORMATION FROM TANK ROPS	JST	BT	05/24/13

PROPRIETARY STATEMENT

THIS DRAWING IS THE PROPERTY OF SAFETY-KLEEN CORP. AND IS PROPRIETARY AND CONFIDENTIAL INFORMATION. THIS DRAWING AND THE INFORMATION CONTAINED THEREIN MUST NOT BE REPRODUCED, COPIED, OR IN ANY MANNER DISCLOSED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF SAFETY-KLEEN CORP. THIS DRAWING MUST BE RETURNED TO SAFETY-KLEEN CORP. UPON REQUEST.



1200 Stone Industrial Drive Suite 200 Columbia, MO 65203
 Phone: (314) 443-7100 Fax: (314) 443-7181

SITE PLAN PROPOSED

SAFETY-KLEEN SYSTEMS INC.
 5402 LORWAY DR. CLUSTERS II B.D. 3 PLANO, TX 75024
 PHONE 972-266-5700

SCALE	BY	CHK	APPROVED	OPERATIONS	DATE
1"=20'-0"	JST	CLM	UP		10-24-13
SERVICE CENTER LOCATION	DC-TANK NUMBER		REV. NO.		
AMPA, FL.	70000-SP100-C01		C		

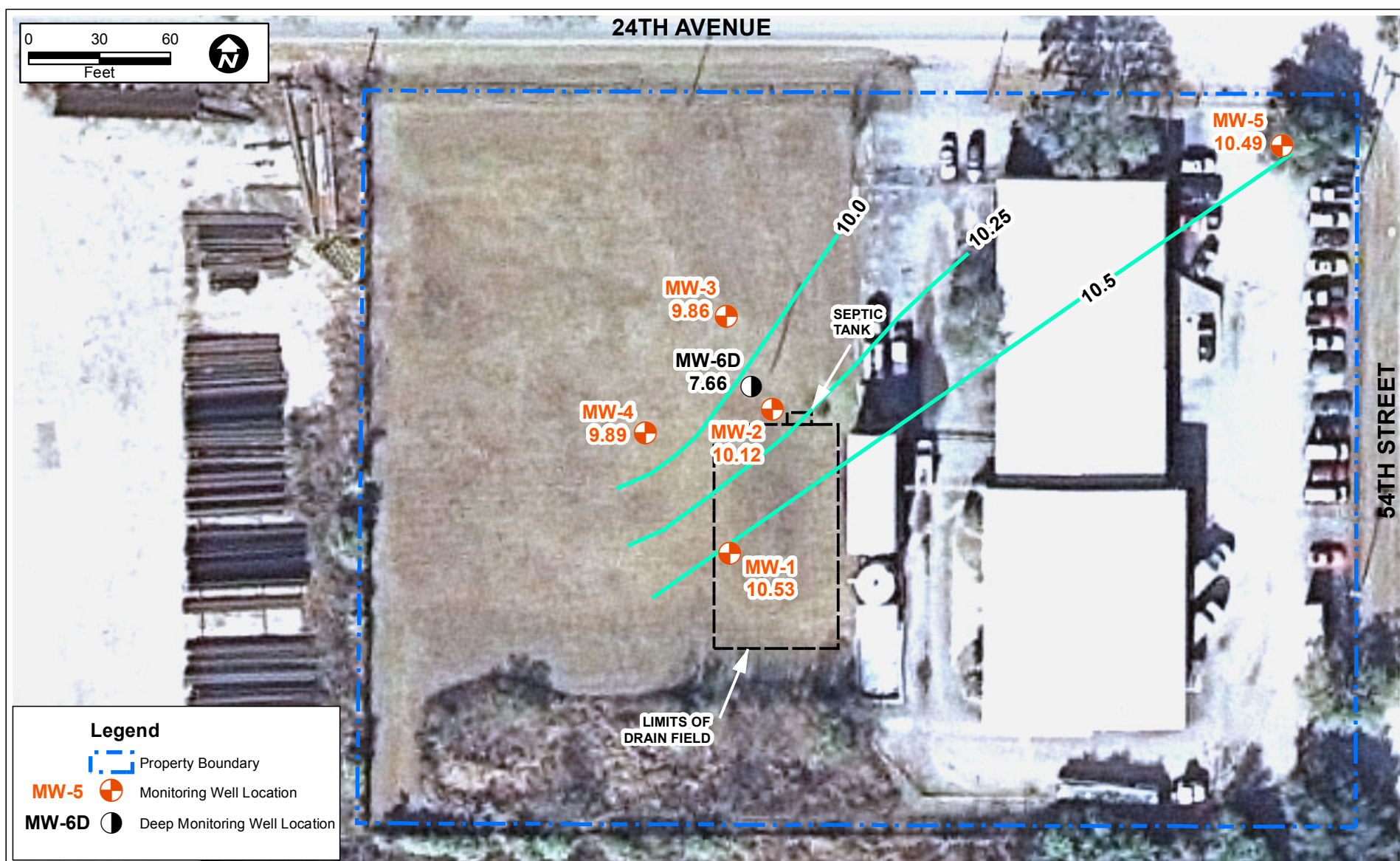


FIGURE 3.
MAP OF WATER TABLE ELEVATIONS ON AUGUST 5, 2014 (IN FEET NGVD)
SAFETY-KLEEN
TAMPA, FLORIDA

Sources: SWFWMD Aerial Photography 2011; Hillsborough Property Appraiser's Office, 2013; ECT, 2014

ECT Environmental
Consulting &
Technology, Inc

ATTACHMENT 1
GROUNDWATER SAMPLING LOGS

PROJECT INFORMATION

Project & Task #: 120042-1331

Date: 8-5-14

Time

Comments

0600

Start Calibration check of meters & load TRUCK

0700

Leave office for ice & travel to site.

0730

Arrive @ SK Tampa. Sign in

0735

open wells

0745

start water levels

0800

Take Equipment Blank = MW-7-080514 @ 0909

0810

Start Page mw. 2 R

0848

Sample MW-2R

0905

Start Purge MW-3

0946

Sample MW-3

1005

start purge MW-4

1044

Sample MW-4

1136

Drummed Purge water in drum supplied by Chris from SK.

All wells closed. Signed out @ office, off site.

1210

@ ECT unload truck & start meter check

1300

Ship iced & double bagged samples to lab

Kim Vile

Revision Date: February 12, 2009

Form FD 9000-24
GROUNDWATER SAMPLING LOG

SITE NAME: Safety Kleen of Tampa		SITE LOCATION: 5309 24 th Ave. S. Tampa, FL	
WELL NO: MW-3	SAMPLE ID: MW-3-080514		DATE: 8-5-14

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 2 feet to 12 feet	STATIC DEPTH TO WATER (feet): 1.59	PURGE PUMP TYPE OR BAILER: PP
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable)				
= (12.22 feet - 1.59 feet) X .16 gallons/foot = 1.70 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):	4	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	4	PURGING INITIATED AT:	0905	PURGING ENDED AT:	0945	TOTAL VOLUME PURGED (gallons):	2.0
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[illegible]

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 = Penstaltic Pump; O = Other (Specify)

SAMPLING DATA

[illegible]

REMARKS:

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

SAMPLING EQUIPMENT CODES: APP = After Penstaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump;
RFPF = Reverse Flow Penstaltic 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:** $\pm 5\%$ **Dissolved Oxygen:** all readings $\leq 20\%$ saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or $\pm 10\%$ (whichever is greater) **Turbidity:** all readings ≤ 20 NTU, optionally ± 5 NTU or $\pm 10\%$ (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24
GROUNDWATER SAMPLING LOG

SITE NAME: Safety Kleen of Tampa		SITE LOCATION: 5309 24 th Ave. S. Tampa, FL	
WELL NO: MW-4	SAMPLE ID: MW-4-080514		DATE: 8-5-14

PURGING DATA

[illegible]

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Ron Noark / ECT				SAMPLER(S) SIGNATURE(S): 			SAMPLING INITIATED AT: 10/4/4		SAMPLING ENDED AT: 1100	
PUMP OR TUBING DEPTH IN WELL (feet): 4				TUBING MATERIAL CODE: PE			FIELD-FILTERED: Y ☒ N		FILTER SIZE: _____ µm	
FIELD DECONTAMINATION: PUMP Y ☒ TUBING Y ☒ (replaced)							DUPLICATE: Y ☒			
SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD		SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH				
MW-4	2	AG	1 L	ICC	_____		8.2 TO SV61		APP	purge rate
REMARKS:										
MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)										
SAMPLING EQUIPMENT CODES: APP = After Penstaltic Pump; B = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Penstaltic 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:** $\pm 0.2^{\circ}\text{C}$ **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

Instrument Calibration and Field Verification Log

Instrument Make: YSI

Model: 556 MPS

Identification: #2

Date: (mm/dd/yy) 8-5-14

Sampler's Name / Signature: Ron Nark

Temp: YSI

Temp: NIST

Procedure Type: ICV, CCV, Cal	ICV, CCV, Cal	ICV, CCV, Cal	ICV, CCV, Cal	ICV, CCV, Cal	ICV, CCV, Cal	ICV, CCV, Cal	ICV, CCV, Cal	ICV, CCV, Cal	ICV, CCV, Cal
Time	0600	1215							
Standard Value	22.08 °C	22.11 °C	°C	°C	°C	°C	°C	°C	°C
pH 4.01 S.U.	4.01	4.01							
pH 7.00 S.U.	7.02	7.01							
pH 10.00 S.U.	10.0	9.99							
Within 0.2 S.U. ?	Pass / Fail	Pass / Fail	Pass / Fail	Pass / Fail	Pass / Fail	Pass / Fail	Pass / Fail	Pass / Fail	Pass / Fail
Calibration Required?	Yes / No	Yes / No	Yes / No	Yes / No	Yes / No	Yes / No	Yes / No	Yes / No	Yes / No
Sampler's Initials	R	R							
Conductivity <u>500</u> µS/cm Cal	502	501							
Conductivity <u>100</u> µS/cm Ver	101	102							
Within 5% ?	Pass / Fail	Pass / Fail	Pass / Fail	Pass / Fail	Pass / Fail	Pass / Fail	Pass / Fail	Pass / Fail	Pass / Fail
Calibration Required?	Yes / No	Yes / No	Yes / No	Yes / No	Yes / No	Yes / No	Yes / No	Yes / No	Yes / No
Sampler's Initials	R	R							
D.O. mg/L @ Saturation	8.70	8.71							
Within 0.3 mg/L ?	Pass / Fail	Pass / Fail	Pass / Fail	Pass / Fail	Pass / Fail	Pass / Fail	Pass / Fail	Pass / Fail	Pass / Fail
Calibration Required?	Yes / No	Yes / No	Yes / No	Yes / No	Yes / No	Yes / No	Yes / No	Yes / No	Yes / No
Sampler's Initials	R	R							
Membrane Last Replaced									
ORP in mV	232.3	232.3							
Within 10 mV ?	Pass / Fail	Pass / Fail	Pass / Fail	Pass / Fail	Pass / Fail	Pass / Fail	Pass / Fail	Pass / Fail	Pass / Fail
Calibration Required?	Yes / No	Yes / No	Yes / No	Yes / No	Yes / No	Yes / No	Yes / No	Yes / No	Yes / No
Sampler's Initials	R	R							

Calibration Solutions	Manufacturer	Lot Number	Expiration Date
pH 4.01 S.U.	Ex-act	140204A	2-20-15
pH 7.00 S.U.		131017	4-20-15
pH 10.00 S.U.		130809A	2-20-15
Conductivity <u>500</u> µS/cm Cal		140204C	2-20-15
Conductivity <u>100</u> µS/cm Ver		130809B	2-20-15
ORP <u>232.3</u> mV @ <u>24.0</u> °C	YSI	12A100808	9-3-14

Notes Cal = Calibration

ICV = Initial Calibration Verification

CCV = Continued Calibration Verification

This form meets or exceeds the requirements of FDEP Form FD 9000-8

Form FD 9000-8: FIELD INSTRUMENT CALIBRATION RECORDS

INSTRUMENT # 113

- ☐ TEMPERATURE ☐ CONDUCTIVITY ☐ SALINITY ☐ pH ☐ ORP
☒ TURBIDITY ☐ RESIDUAL Cl ☐ DO ☐ OTHER _____

STANDARDS: (Specify the type(s) of standards used for calibration, the origin of the standards, the standard values, and the date the standards were prepared or purchased)

Standard A 0-10

Standard B 0-100

Standard C 0-1000

[illegible]

ASI

(770) 734-4200 : FAX (770) 734-4201 : www.asi-lab.com

[illegible]

ATTACHMENT 2
ANALYTICAL LABORATORY REPORT



ANALYTICAL SERVICES, INC.

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

Laboratory Report

Prepared For:

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

Attention: Mr. Bob Schoepke

Report Number: AXH0127

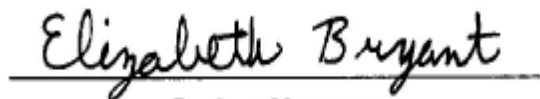
August 13, 2014

Project: Tampa, FL

Project #:FLD980847271

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

Approved:


Project Manager

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



ANALYTICAL SERVICES, INC.

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

Attention: Mr. Bob Schoepke

August 13, 2014

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-2R-080514	AXH0127-01	Ground Water	08/05/14 08:48	08/06/14 10:10
MW-7-080514	AXH0127-02	Ground Water	08/05/14 09:09	08/06/14 10:10
MW-3-080514	AXH0127-03	Ground Water	08/05/14 09:46	08/06/14 10:10
MW-4-080514	AXH0127-04	Ground Water	08/05/14 10:44	08/06/14 10:10



ANALYTICAL SERVICES, INC.

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

Attention: Mr. Bob Schoepke

August 13, 2014

Report No.: AXH0127

Project: Tampa, FL

Client ID: MW-2R-080514

Lab Number ID: AXH0127-01

Date/Time Sampled: 8/5/2014 8:48:00AM

Date/Time Received: 8/6/2014 10:10:00AM

Matrix: Ground Water

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Semivolatile Organic Compounds by EPA 8270											
Acenaphthene	ND	10	3.1	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 19:15	4080161	TAS
Acenaphthylene	ND	10	2.4	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 19:15	4080161	TAS
Anthracene	ND	10	2.9	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 19:15	4080161	TAS
Benzo(a)anthracene	ND	10	2.8	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 19:15	4080161	TAS
Benzo(a)pyrene	ND	10	2.9	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 19:15	4080161	TAS
Benzo(b)fluoranthene	ND	10	3.1	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 19:15	4080161	TAS
Benzo(ghi)perylene	ND	10	2.8	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 19:15	4080161	TAS
Benzo(k)fluoranthene	ND	10	3.2	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 19:15	4080161	TAS
Benzoic acid	ND	50	5.2	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 19:15	4080161	TAS
Benzyl alcohol	ND	20	4.0	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 19:15	4080161	TAS
Benzyl butyl phthalate	ND	10	4.6	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 19:15	4080161	TAS
4-Bromophenyl phenyl ether	ND	10	3.6	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 19:15	4080161	TAS
Di-n-butyl phthalate	ND	10	4.0	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 19:15	4080161	TAS
4-Chloroaniline	ND	20	2.4	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 19:15	4080161	TAS
Bis(2-chloroethoxy)methane	ND	10	4.0	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 19:15	4080161	TAS
Bis(2-chloroethyl)ether	ND	10	2.7	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 19:15	4080161	TAS
Bis(2-chloroisopropyl)ether	ND	10	3.8	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 19:15	4080161	TAS
4-Chloro-3-methylphenol	ND	10	6.5	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 19:15	4080161	TAS
2-Chloronaphthalene	ND	10	2.9	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 19:15	4080161	TAS
2-Chlorophenol	ND	10	5.1	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 19:15	4080161	TAS
4-Chlorophenyl phenyl ether	ND	10	4.0	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 19:15	4080161	TAS
Chrysene	ND	10	2.5	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 19:15	4080161	TAS
Dibenzo(a,h)anthracene	ND	10	2.5	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 19:15	4080161	TAS
Dibenzofuran	ND	10	3.2	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 19:15	4080161	TAS
1,2-Dichlorobenzene	ND	10	2.7	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 19:15	4080161	TAS
1,3-Dichlorobenzene	ND	10	4.0	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 19:15	4080161	TAS
1,4-Dichlorobenzene	ND	10	2.9	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 19:15	4080161	TAS
3,3'-Dichlorobenzidine	ND	20	3.3	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 19:15	4080161	TAS
2,4-Dichlorophenol	ND	10	4.7	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 19:15	4080161	TAS
Diethyl phthalate	ND	10	2.9	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 19:15	4080161	TAS
2,4-Dimethylphenol	ND	10	4.4	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 19:15	4080161	TAS
Dimethyl phthalate	ND	10	3.2	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 19:15	4080161	TAS



ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
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(770) 734-4200 FAX (770) 734-4201

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

Attention: Mr. Bob Schoepke

August 13, 2014

Report No.: AXH0127

Project: Tampa, FL

Client ID: MW-2R-080514

Lab Number ID: AXH0127-01

Date/Time Sampled: 8/5/2014 8:48:00AM

Date/Time Received: 8/6/2014 10:10:00AM

Matrix: Ground Water

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Semivolatile Organic Compounds by EPA 8270											
4,6-Dinitro-2-methylphenol	ND	50	3.7	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 19:15	4080161	TAS
2,4-Dinitrophenol	ND	50	4.0	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 19:15	4080161	TAS
2,4-Dinitrotoluene	ND	20	3.0	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 19:15	4080161	TAS
2,6-Dinitrotoluene	ND	20	4.4	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 19:15	4080161	TAS
Bis(2-ethylhexyl)phthalate	ND	10	3.6	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 19:15	4080161	TAS
Fluoranthene	ND	10	2.5	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 19:15	4080161	TAS
Fluorene	ND	10	3.4	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 19:15	4080161	TAS
Hexachlorobenzene	ND	10	3.0	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 19:15	4080161	TAS
Hexachlorobutadiene	ND	10	3.4	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 19:15	4080161	TAS
Hexachlorocyclopentadiene	ND	10	5.5	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 19:15	4080161	TAS
Hexachloroethane	ND	10	3.2	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 19:15	4080161	TAS
Indeno(1,2,3-cd)pyrene	ND	10	2.4	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 19:15	4080161	TAS
Isophorone	ND	10	3.5	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 19:15	4080161	TAS
2-Methylnaphthalene	ND	10	3.1	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 19:15	4080161	TAS
2-Methylphenol (o-cresol)	ND	10	6.4	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 19:15	4080161	TAS
3+4-Methylphenol (m+p-cresol)	ND	10	3.5	ug/L	EPA 8270D		1	08/08/14 09:25	08/11/14 14:24	4080161	TAS
Naphthalene	ND	10	2.6	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 19:15	4080161	TAS
2-Nitroaniline	ND	50	4.1	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 19:15	4080161	TAS
3-Nitroaniline	ND	50	3.1	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 19:15	4080161	TAS
4-Nitroaniline	ND	50	3.4	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 19:15	4080161	TAS
Nitrobenzene	ND	10	3.0	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 19:15	4080161	TAS
2-Nitrophenol	ND	50	4.0	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 19:15	4080161	TAS
4-Nitrophenol	ND	50	2.9	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 19:15	4080161	TAS
N-Nitrosodimethylamine	ND	10	4.8	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 19:15	4080161	TAS
N-Nitrosodiphenylamine/Diphenylamine	ND	10	3.4	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 19:15	4080161	TAS
N-Nitrosodi-n-propylamine	ND	10	4.7	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 19:15	4080161	TAS
Di-n-octyl phthalate	ND	10	3.1	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 19:15	4080161	TAS
Pentachlorophenol	ND	20	3.5	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 19:15	4080161	TAS
Phenanthrene	ND	10	2.6	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 19:15	4080161	TAS
Phenol	ND	10	2.1	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 19:15	4080161	TAS
Pyrene	ND	10	8.2	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 19:15	4080161	TAS
1,2,4-Trichlorobenzene	ND	10	2.9	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 19:15	4080161	TAS



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1502 E. Villa Street
Elgin IL, 60120

Attention: Mr. Bob Schoepke

August 13, 2014

Report No.: AXH0127

Project: Tampa, FL

Client ID: MW-2R-080514

Lab Number ID: AXH0127-01

Date/Time Sampled: 8/5/2014 8:48:00AM

Date/Time Received: 8/6/2014 10:10:00AM

Matrix: Ground Water

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Semivolatile Organic Compounds by EPA 8270											
2,4,5-Trichlorophenol	ND	10	5.4	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 19:15	4080161	TAS
2,4,6-Trichlorophenol	ND	10	7.4	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 19:15	4080161	TAS
Surrogate: 2-Fluorophenol	28 %		11-120		EPA 8270D			08/08/14 09:25	08/10/14 19:15	4080161	
Surrogate: Phenol-d6	20 %		10-120		EPA 8270D			08/08/14 09:25	08/10/14 19:15	4080161	
Surrogate: Nitrobenzene-d5	38 %		15-120		EPA 8270D			08/08/14 09:25	08/10/14 19:15	4080161	
Surrogate: 2-Fluorobiphenyl	51 %		23-120		EPA 8270D			08/08/14 09:25	08/10/14 19:15	4080161	
Surrogate: 2,4,6-Tribromophenol	76 %		36-120		EPA 8270D			08/08/14 09:25	08/10/14 19:15	4080161	
Surrogate: p-Terphenyl-d14	89 %		53-121		EPA 8270D			08/08/14 09:25	08/10/14 19:15	4080161	



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1502 E. Villa Street
Elgin IL, 60120

Attention: Mr. Bob Schoepke

August 13, 2014

Report No.: AXH0127

Project: Tampa, FL

Client ID: MW-7-080514

Lab Number ID: AXH0127-02

Date/Time Sampled: 8/5/2014 9:09:00AM

Date/Time Received: 8/6/2014 10:10:00AM

Matrix: Ground Water

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Semivolatile Organic Compounds by EPA 8270											
Acenaphthene	ND	10	3.1	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 19:37	4080161	TAS
Acenaphthylene	ND	10	2.4	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 19:37	4080161	TAS
Anthracene	ND	10	2.9	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 19:37	4080161	TAS
Benzo(a)anthracene	ND	10	2.8	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 19:37	4080161	TAS
Benzo(a)pyrene	ND	10	2.9	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 19:37	4080161	TAS
Benzo(b)fluoranthene	ND	10	3.1	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 19:37	4080161	TAS
Benzo(ghi)perylene	ND	10	2.8	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 19:37	4080161	TAS
Benzo(k)fluoranthene	ND	10	3.2	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 19:37	4080161	TAS
Benzoic acid	ND	50	5.2	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 19:37	4080161	TAS
Benzyl alcohol	ND	20	4.0	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 19:37	4080161	TAS
Benzyl butyl phthalate	ND	10	4.6	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 19:37	4080161	TAS
4-Bromophenyl phenyl ether	ND	10	3.6	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 19:37	4080161	TAS
Di-n-butyl phthalate	ND	10	4.0	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 19:37	4080161	TAS
4-Chloroaniline	ND	20	2.4	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 19:37	4080161	TAS
Bis(2-chloroethoxy)methane	ND	10	4.0	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 19:37	4080161	TAS
Bis(2-chloroethyl)ether	ND	10	2.7	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 19:37	4080161	TAS
Bis(2-chloroisopropyl)ether	ND	10	3.8	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 19:37	4080161	TAS
4-Chloro-3-methylphenol	ND	10	6.5	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 19:37	4080161	TAS
2-Chloronaphthalene	ND	10	2.9	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 19:37	4080161	TAS
2-Chlorophenol	ND	10	5.1	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 19:37	4080161	TAS
4-Chlorophenyl phenyl ether	ND	10	4.0	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 19:37	4080161	TAS
Chrysene	ND	10	2.5	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 19:37	4080161	TAS
Dibenzo(a,h)anthracene	ND	10	2.5	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 19:37	4080161	TAS
Dibenzofuran	ND	10	3.2	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 19:37	4080161	TAS
1,2-Dichlorobenzene	ND	10	2.7	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 19:37	4080161	TAS
1,3-Dichlorobenzene	ND	10	4.0	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 19:37	4080161	TAS
1,4-Dichlorobenzene	ND	10	2.9	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 19:37	4080161	TAS
3,3'-Dichlorobenzidine	ND	20	3.3	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 19:37	4080161	TAS
2,4-Dichlorophenol	ND	10	4.7	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 19:37	4080161	TAS
Diethyl phthalate	ND	10	2.9	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 19:37	4080161	TAS
2,4-Dimethylphenol	ND	10	4.4	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 19:37	4080161	TAS
Dimethyl phthalate	ND	10	3.2	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 19:37	4080161	TAS



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

August 13, 2014

Report No.: AXH0127

Project: Tampa, FL

Client ID: MW-7-080514

Lab Number ID: AXH0127-02

Date/Time Sampled: 8/5/2014 9:09:00AM

Date/Time Received: 8/6/2014 10:10:00AM

Matrix: Ground Water

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Semivolatile Organic Compounds by EPA 8270											
4,6-Dinitro-2-methylphenol	ND	50	3.7	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 19:37	4080161	TAS
2,4-Dinitrophenol	ND	50	4.0	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 19:37	4080161	TAS
2,4-Dinitrotoluene	ND	20	3.0	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 19:37	4080161	TAS
2,6-Dinitrotoluene	ND	20	4.4	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 19:37	4080161	TAS
Bis(2-ethylhexyl)phthalate	ND	10	3.6	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 19:37	4080161	TAS
Fluoranthene	ND	10	2.5	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 19:37	4080161	TAS
Fluorene	ND	10	3.4	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 19:37	4080161	TAS
Hexachlorobenzene	ND	10	3.0	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 19:37	4080161	TAS
Hexachlorobutadiene	ND	10	3.4	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 19:37	4080161	TAS
Hexachlorocyclopentadiene	ND	10	5.5	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 19:37	4080161	TAS
Hexachloroethane	ND	10	3.2	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 19:37	4080161	TAS
Indeno(1,2,3-cd)pyrene	ND	10	2.4	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 19:37	4080161	TAS
Isophorone	ND	10	3.5	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 19:37	4080161	TAS
2-Methylnaphthalene	ND	10	3.1	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 19:37	4080161	TAS
2-Methylphenol (o-cresol)	ND	10	6.4	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 19:37	4080161	TAS
3+4-Methylphenol (m+p-cresol)	ND	10	3.5	ug/L	EPA 8270D		1	08/08/14 09:25	08/11/14 15:22	4080161	TAS
Naphthalene	ND	10	2.6	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 19:37	4080161	TAS
2-Nitroaniline	ND	50	4.1	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 19:37	4080161	TAS
3-Nitroaniline	ND	50	3.1	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 19:37	4080161	TAS
4-Nitroaniline	ND	50	3.4	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 19:37	4080161	TAS
Nitrobenzene	ND	10	3.0	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 19:37	4080161	TAS
2-Nitrophenol	ND	50	4.0	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 19:37	4080161	TAS
4-Nitrophenol	ND	50	2.9	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 19:37	4080161	TAS
N-Nitrosodimethylamine	ND	10	4.8	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 19:37	4080161	TAS
N-Nitrosodiphenylamine/Diphenylamine	ND	10	3.4	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 19:37	4080161	TAS
N-Nitrosodi-n-propylamine	ND	10	4.7	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 19:37	4080161	TAS
Di-n-octyl phthalate	ND	10	3.1	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 19:37	4080161	TAS
Pentachlorophenol	ND	20	3.5	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 19:37	4080161	TAS
Phenanthrene	ND	10	2.6	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 19:37	4080161	TAS
Phenol	ND	10	2.1	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 19:37	4080161	TAS
Pyrene	ND	10	8.2	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 19:37	4080161	TAS
1,2,4-Trichlorobenzene	ND	10	2.9	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 19:37	4080161	TAS



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

Attention: Mr. Bob Schoepke

August 13, 2014

Report No.: AXH0127

Project: Tampa, FL

Client ID: MW-7-080514

Lab Number ID: AXH0127-02

Date/Time Sampled: 8/5/2014 9:09:00AM

Date/Time Received: 8/6/2014 10:10:00AM

Matrix: Ground Water

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Semivolatile Organic Compounds by EPA 8270											
2,4,5-Trichlorophenol	ND	10	5.4	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 19:37	4080161	TAS
2,4,6-Trichlorophenol	ND	10	7.4	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 19:37	4080161	TAS
Surrogate: 2-Fluorophenol	47 %		11-120		EPA 8270D			08/08/14 09:25	08/10/14 19:37	4080161	
Surrogate: Phenol-d6	32 %		10-120		EPA 8270D			08/08/14 09:25	08/10/14 19:37	4080161	
Surrogate: Nitrobenzene-d5	64 %		15-120		EPA 8270D			08/08/14 09:25	08/10/14 19:37	4080161	
Surrogate: 2-Fluorobiphenyl	75 %		23-120		EPA 8270D			08/08/14 09:25	08/10/14 19:37	4080161	
Surrogate: 2,4,6-Tribromophenol	85 %		36-120		EPA 8270D			08/08/14 09:25	08/10/14 19:37	4080161	
Surrogate: p-Terphenyl-d14	93 %		53-121		EPA 8270D			08/08/14 09:25	08/10/14 19:37	4080161	



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Elgin IL, 60120

Attention: Mr. Bob Schoepke

August 13, 2014

Report No.: AXH0127

Project: Tampa, FL

Client ID: MW-3-080514

Lab Number ID: AXH0127-03

Date/Time Sampled: 8/5/2014 9:46:00AM

Date/Time Received: 8/6/2014 10:10:00AM

Matrix: Ground Water

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Semivolatile Organic Compounds by EPA 8270											
Acenaphthene	ND	10	3.1	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 20:00	4080161	TAS
Acenaphthylene	ND	10	2.4	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 20:00	4080161	TAS
Anthracene	ND	10	2.9	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 20:00	4080161	TAS
Benzo(a)anthracene	ND	10	2.8	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 20:00	4080161	TAS
Benzo(a)pyrene	ND	10	2.9	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 20:00	4080161	TAS
Benzo(b)fluoranthene	ND	10	3.1	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 20:00	4080161	TAS
Benzo(ghi)perylene	ND	10	2.8	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 20:00	4080161	TAS
Benzo(k)fluoranthene	ND	10	3.2	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 20:00	4080161	TAS
Benzoic acid	ND	50	5.2	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 20:00	4080161	TAS
Benzyl alcohol	ND	20	4.0	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 20:00	4080161	TAS
Benzyl butyl phthalate	ND	10	4.6	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 20:00	4080161	TAS
4-Bromophenyl phenyl ether	ND	10	3.6	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 20:00	4080161	TAS
Di-n-butyl phthalate	ND	10	4.0	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 20:00	4080161	TAS
4-Chloroaniline	ND	20	2.4	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 20:00	4080161	TAS
Bis(2-chloroethoxy)methane	ND	10	4.0	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 20:00	4080161	TAS
Bis(2-chloroethyl)ether	ND	10	2.7	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 20:00	4080161	TAS
Bis(2-chloroisopropyl)ether	ND	10	3.8	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 20:00	4080161	TAS
4-Chloro-3-methylphenol	ND	10	6.5	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 20:00	4080161	TAS
2-Chloronaphthalene	ND	10	2.9	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 20:00	4080161	TAS
2-Chlorophenol	ND	10	5.1	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 20:00	4080161	TAS
4-Chlorophenyl phenyl ether	ND	10	4.0	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 20:00	4080161	TAS
Chrysene	ND	10	2.5	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 20:00	4080161	TAS
Dibenzo(a,h)anthracene	ND	10	2.5	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 20:00	4080161	TAS
Dibenzofuran	ND	10	3.2	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 20:00	4080161	TAS
1,2-Dichlorobenzene	ND	10	2.7	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 20:00	4080161	TAS
1,3-Dichlorobenzene	ND	10	4.0	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 20:00	4080161	TAS
1,4-Dichlorobenzene	ND	10	2.9	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 20:00	4080161	TAS
3,3'-Dichlorobenzidine	ND	20	3.3	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 20:00	4080161	TAS
2,4-Dichlorophenol	ND	10	4.7	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 20:00	4080161	TAS
Diethyl phthalate	ND	10	2.9	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 20:00	4080161	TAS
2,4-Dimethylphenol	ND	10	4.4	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 20:00	4080161	TAS
Dimethyl phthalate	ND	10	3.2	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 20:00	4080161	TAS



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Attention: Mr. Bob Schoepke

August 13, 2014

Report No.: AXH0127

Project: Tampa, FL

Client ID: MW-3-080514

Lab Number ID: AXH0127-03

Date/Time Sampled: 8/5/2014 9:46:00AM

Date/Time Received: 8/6/2014 10:10:00AM

Matrix: Ground Water

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Semivolatile Organic Compounds by EPA 8270											
4,6-Dinitro-2-methylphenol	ND	50	3.7	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 20:00	4080161	TAS
2,4-Dinitrophenol	ND	50	4.0	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 20:00	4080161	TAS
2,4-Dinitrotoluene	ND	20	3.0	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 20:00	4080161	TAS
2,6-Dinitrotoluene	ND	20	4.4	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 20:00	4080161	TAS
Bis(2-ethylhexyl)phthalate	ND	10	3.6	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 20:00	4080161	TAS
Fluoranthene	ND	10	2.5	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 20:00	4080161	TAS
Fluorene	ND	10	3.4	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 20:00	4080161	TAS
Hexachlorobenzene	ND	10	3.0	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 20:00	4080161	TAS
Hexachlorobutadiene	ND	10	3.4	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 20:00	4080161	TAS
Hexachlorocyclopentadiene	ND	10	5.5	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 20:00	4080161	TAS
Hexachloroethane	ND	10	3.2	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 20:00	4080161	TAS
Indeno(1,2,3-cd)pyrene	ND	10	2.4	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 20:00	4080161	TAS
Isophorone	ND	10	3.5	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 20:00	4080161	TAS
2-Methylnaphthalene	ND	10	3.1	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 20:00	4080161	TAS
2-Methylphenol (o-cresol)	ND	10	6.4	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 20:00	4080161	TAS
3+4-Methylphenol (m+p-cresol)	ND	10	3.5	ug/L	EPA 8270D		1	08/08/14 09:25	08/11/14 15:34	4080161	TAS
Naphthalene	ND	10	2.6	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 20:00	4080161	TAS
2-Nitroaniline	ND	50	4.1	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 20:00	4080161	TAS
3-Nitroaniline	ND	50	3.1	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 20:00	4080161	TAS
4-Nitroaniline	ND	50	3.4	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 20:00	4080161	TAS
Nitrobenzene	ND	10	3.0	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 20:00	4080161	TAS
2-Nitrophenol	ND	50	4.0	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 20:00	4080161	TAS
4-Nitrophenol	ND	50	2.9	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 20:00	4080161	TAS
N-Nitrosodimethylamine	ND	10	4.8	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 20:00	4080161	TAS
N-Nitrosodiphenylamine/Diphenylamine	ND	10	3.4	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 20:00	4080161	TAS
N-Nitrosodi-n-propylamine	ND	10	4.7	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 20:00	4080161	TAS
Di-n-octyl phthalate	ND	10	3.1	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 20:00	4080161	TAS
Pentachlorophenol	ND	20	3.5	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 20:00	4080161	TAS
Phenanthrene	ND	10	2.6	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 20:00	4080161	TAS
Phenol	ND	10	2.1	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 20:00	4080161	TAS
Pyrene	ND	10	8.2	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 20:00	4080161	TAS
1,2,4-Trichlorobenzene	ND	10	2.9	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 20:00	4080161	TAS



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

Attention: Mr. Bob Schoepke

August 13, 2014

Report No.: AXH0127

Project: Tampa, FL

Client ID: MW-3-080514

Lab Number ID: AXH0127-03

Date/Time Sampled: 8/5/2014 9:46:00AM

Date/Time Received: 8/6/2014 10:10:00AM

Matrix: Ground Water

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Semivolatile Organic Compounds by EPA 8270											
2,4,5-Trichlorophenol	ND	10	5.4	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 20:00	4080161	TAS
2,4,6-Trichlorophenol	ND	10	7.4	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 20:00	4080161	TAS
Surrogate: 2-Fluorophenol	33 %		11-120		EPA 8270D			08/08/14 09:25	08/10/14 20:00	4080161	
Surrogate: Phenol-d6	23 %		10-120		EPA 8270D			08/08/14 09:25	08/10/14 20:00	4080161	
Surrogate: Nitrobenzene-d5	45 %		15-120		EPA 8270D			08/08/14 09:25	08/10/14 20:00	4080161	
Surrogate: 2-Fluorobiphenyl	58 %		23-120		EPA 8270D			08/08/14 09:25	08/10/14 20:00	4080161	
Surrogate: 2,4,6-Tribromophenol	78 %		36-120		EPA 8270D			08/08/14 09:25	08/10/14 20:00	4080161	
Surrogate: p-Terphenyl-d14	89 %		53-121		EPA 8270D			08/08/14 09:25	08/10/14 20:00	4080161	



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

August 13, 2014

Report No.: AXH0127

Project: Tampa, FL

Client ID: MW-4-080514

Lab Number ID: AXH0127-04

Date/Time Sampled: 8/5/2014 10:44:00AM

Date/Time Received: 8/6/2014 10:10:00AM

Matrix: Ground Water

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Semivolatile Organic Compounds by EPA 8270											
Acenaphthene	ND	10	3.1	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 20:22	4080161	TAS
Acenaphthylene	ND	10	2.4	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 20:22	4080161	TAS
Anthracene	ND	10	2.9	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 20:22	4080161	TAS
Benzo(a)anthracene	ND	10	2.8	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 20:22	4080161	TAS
Benzo(a)pyrene	ND	10	2.9	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 20:22	4080161	TAS
Benzo(b)fluoranthene	ND	10	3.1	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 20:22	4080161	TAS
Benzo(ghi)perylene	ND	10	2.8	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 20:22	4080161	TAS
Benzo(k)fluoranthene	ND	10	3.2	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 20:22	4080161	TAS
Benzoic acid	ND	50	5.2	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 20:22	4080161	TAS
Benzyl alcohol	ND	20	4.0	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 20:22	4080161	TAS
Benzyl butyl phthalate	ND	10	4.6	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 20:22	4080161	TAS
4-Bromophenyl phenyl ether	ND	10	3.6	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 20:22	4080161	TAS
Di-n-butyl phthalate	ND	10	4.0	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 20:22	4080161	TAS
4-Chloroaniline	ND	20	2.4	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 20:22	4080161	TAS
Bis(2-chloroethoxy)methane	ND	10	4.0	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 20:22	4080161	TAS
Bis(2-chloroethyl)ether	ND	10	2.7	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 20:22	4080161	TAS
Bis(2-chloroisopropyl)ether	ND	10	3.8	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 20:22	4080161	TAS
4-Chloro-3-methylphenol	ND	10	6.5	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 20:22	4080161	TAS
2-Chloronaphthalene	ND	10	2.9	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 20:22	4080161	TAS
2-Chlorophenol	ND	10	5.1	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 20:22	4080161	TAS
4-Chlorophenyl phenyl ether	ND	10	4.0	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 20:22	4080161	TAS
Chrysene	ND	10	2.5	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 20:22	4080161	TAS
Dibenzo(a,h)anthracene	ND	10	2.5	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 20:22	4080161	TAS
Dibenzofuran	ND	10	3.2	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 20:22	4080161	TAS
1,2-Dichlorobenzene	ND	10	2.7	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 20:22	4080161	TAS
1,3-Dichlorobenzene	ND	10	4.0	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 20:22	4080161	TAS
1,4-Dichlorobenzene	ND	10	2.9	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 20:22	4080161	TAS
3,3'-Dichlorobenzidine	ND	20	3.3	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 20:22	4080161	TAS
2,4-Dichlorophenol	ND	10	4.7	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 20:22	4080161	TAS
Diethyl phthalate	ND	10	2.9	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 20:22	4080161	TAS
2,4-Dimethylphenol	ND	10	4.4	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 20:22	4080161	TAS
Dimethyl phthalate	ND	10	3.2	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 20:22	4080161	TAS



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Elgin IL, 60120

Attention: Mr. Bob Schoepke

August 13, 2014

Report No.: AXH0127

Project: Tampa, FL

Client ID: MW-4-080514

Lab Number ID: AXH0127-04

Date/Time Sampled: 8/5/2014 10:44:00AM

Date/Time Received: 8/6/2014 10:10:00AM

Matrix: Ground Water

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Semivolatile Organic Compounds by EPA 8270											
4,6-Dinitro-2-methylphenol	ND	50	3.7	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 20:22	4080161	TAS
2,4-Dinitrophenol	ND	50	4.0	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 20:22	4080161	TAS
2,4-Dinitrotoluene	ND	20	3.0	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 20:22	4080161	TAS
2,6-Dinitrotoluene	ND	20	4.4	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 20:22	4080161	TAS
Bis(2-ethylhexyl)phthalate	ND	10	3.6	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 20:22	4080161	TAS
Fluoranthene	ND	10	2.5	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 20:22	4080161	TAS
Fluorene	ND	10	3.4	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 20:22	4080161	TAS
Hexachlorobenzene	ND	10	3.0	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 20:22	4080161	TAS
Hexachlorobutadiene	ND	10	3.4	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 20:22	4080161	TAS
Hexachlorocyclopentadiene	ND	10	5.5	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 20:22	4080161	TAS
Hexachloroethane	ND	10	3.2	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 20:22	4080161	TAS
Indeno(1,2,3-cd)pyrene	ND	10	2.4	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 20:22	4080161	TAS
Isophorone	ND	10	3.5	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 20:22	4080161	TAS
2-Methylnaphthalene	ND	10	3.1	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 20:22	4080161	TAS
2-Methylphenol (o-cresol)	ND	10	6.4	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 20:22	4080161	TAS
3+4-Methylphenol (m+p-cresol)	ND	10	3.5	ug/L	EPA 8270D		1	08/08/14 09:25	08/11/14 15:56	4080161	TAS
Naphthalene	ND	10	2.6	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 20:22	4080161	TAS
2-Nitroaniline	ND	50	4.1	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 20:22	4080161	TAS
3-Nitroaniline	ND	50	3.1	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 20:22	4080161	TAS
4-Nitroaniline	ND	50	3.4	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 20:22	4080161	TAS
Nitrobenzene	ND	10	3.0	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 20:22	4080161	TAS
2-Nitrophenol	ND	50	4.0	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 20:22	4080161	TAS
4-Nitrophenol	ND	50	2.9	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 20:22	4080161	TAS
N-Nitrosodimethylamine	ND	10	4.8	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 20:22	4080161	TAS
N-Nitrosodiphenylamine/Diphenylamine	ND	10	3.4	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 20:22	4080161	TAS
N-Nitrosodi-n-propylamine	ND	10	4.7	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 20:22	4080161	TAS
Di-n-octyl phthalate	ND	10	3.1	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 20:22	4080161	TAS
Pentachlorophenol	ND	20	3.5	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 20:22	4080161	TAS
Phenanthrene	ND	10	2.6	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 20:22	4080161	TAS
Phenol	ND	10	2.1	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 20:22	4080161	TAS
Pyrene	ND	10	8.2	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 20:22	4080161	TAS
1,2,4-Trichlorobenzene	ND	10	2.9	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 20:22	4080161	TAS



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Attention: Mr. Bob Schoepke

August 13, 2014

Report No.: AXH0127

Project: Tampa, FL

Client ID: MW-4-080514

Lab Number ID: AXH0127-04

Date/Time Sampled: 8/5/2014 10:44:00AM

Date/Time Received: 8/6/2014 10:10:00AM

Matrix: Ground Water

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Semivolatile Organic Compounds by EPA 8270											
2,4,5-Trichlorophenol	ND	10	5.4	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 20:22	4080161	TAS
2,4,6-Trichlorophenol	ND	10	7.4	ug/L	EPA 8270D		1	08/08/14 09:25	08/10/14 20:22	4080161	TAS
Surrogate: 2-Fluorophenol	40 %		11-120		EPA 8270D			08/08/14 09:25	08/10/14 20:22	4080161	
Surrogate: Phenol-d6	28 %		10-120		EPA 8270D			08/08/14 09:25	08/10/14 20:22	4080161	
Surrogate: Nitrobenzene-d5	54 %		15-120		EPA 8270D			08/08/14 09:25	08/10/14 20:22	4080161	
Surrogate: 2-Fluorobiphenyl	64 %		23-120		EPA 8270D			08/08/14 09:25	08/10/14 20:22	4080161	
Surrogate: 2,4,6-Tribromophenol	71 %		36-120		EPA 8270D			08/08/14 09:25	08/10/14 20:22	4080161	
Surrogate: p-Terphenyl-d14	74 %		53-121		EPA 8270D			08/08/14 09:25	08/10/14 20:22	4080161	



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Attention: Mr. Bob Schoepke

August 13, 2014

Report No.: AXH0127

Semivolatile Organic Compounds by EPA 8270 - Quality Control

Analyte	Result	RL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 4080161 - EPA 3510C											
Blank (4080161-BLK1)						Prepared: 08/08/14 Analyzed: 08/10/14					
Acenaphthene	ND	10	3.1	ug/L							
Acenaphthylene	ND	10	2.4	ug/L							
Anthracene	ND	10	2.9	ug/L							
Benzo(a)anthracene	ND	10	2.8	ug/L							
Benzo(a)pyrene	ND	10	2.9	ug/L							
Benzo(b)fluoranthene	ND	10	3.1	ug/L							
Benzo(ghi)perylene	ND	10	2.8	ug/L							
Benzo(k)fluoranthene	ND	10	3.2	ug/L							
Benzoic acid	ND	50	5.2	ug/L							
Benzyl alcohol	ND	20	4.0	ug/L							
Benzyl butyl phthalate	ND	10	4.6	ug/L							
4-Bromophenyl phenyl ether	ND	10	3.6	ug/L							
Di-n-butyl phthalate	ND	10	4.0	ug/L							
4-Chloroaniline	ND	20	2.4	ug/L							
Bis(2-chloroethoxy)methane	ND	10	4.0	ug/L							
Bis(2-chloroethyl)ether	ND	10	2.7	ug/L							
Bis(2-chloroisopropyl)ether	ND	10	3.8	ug/L							
4-Chloro-3-methylphenol	ND	10	6.5	ug/L							
2-Chloronaphthalene	ND	10	2.9	ug/L							
2-Chlorophenol	ND	10	5.1	ug/L							
4-Chlorophenyl phenyl ether	ND	10	4.0	ug/L							
Chrysene	ND	10	2.5	ug/L							
Dibenzo(a,h)anthracene	ND	10	2.5	ug/L							
Dibenzofuran	ND	10	3.2	ug/L							
1,2-Dichlorobenzene	ND	10	2.7	ug/L							
1,3-Dichlorobenzene	ND	10	4.0	ug/L							
1,4-Dichlorobenzene	ND	10	2.9	ug/L							
3,3'-Dichlorobenzidine	ND	20	3.3	ug/L							
2,4-Dichlorophenol	ND	10	4.7	ug/L							
Diethyl phthalate	ND	10	2.9	ug/L							
2,4-Dimethylphenol	ND	10	4.4	ug/L							
Dimethyl phthalate	ND	10	3.2	ug/L							
4,6-Dinitro-2-methylphenol	ND	50	3.7	ug/L							
2,4-Dinitrophenol	ND	50	4.0	ug/L							
2,4-Dinitrotoluene	ND	20	3.0	ug/L							
2,6-Dinitrotoluene	ND	20	4.4	ug/L							
Bis(2-ethylhexyl)phthalate	ND	10	3.6	ug/L							
Fluoranthene	ND	10	2.5	ug/L							
Fluorene	ND	10	3.4	ug/L							



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August 13, 2014

Report No.: AXH0127

Semivolatile Organic Compounds by EPA 8270 - Quality Control

Analyte	Result	RL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 4080161 - EPA 3510C											
Blank (4080161-BLK1)						Prepared: 08/08/14 Analyzed: 08/10/14					
Hexachlorobenzene	ND	10	3.0	ug/L							
Hexachlorobutadiene	ND	10	3.4	ug/L							
Hexachlorocyclopentadiene	ND	10	5.5	ug/L							
Hexachloroethane	ND	10	3.2	ug/L							
Indeno(1,2,3-cd)pyrene	ND	10	2.4	ug/L							
Isophorone	ND	10	3.5	ug/L							
2-Methylnaphthalene	ND	10	3.1	ug/L							
2-Methylphenol (o-cresol)	ND	10	6.4	ug/L							
3+4-Methylphenol (m+p-cresol)	ND	10	3.5	ug/L							
Naphthalene	ND	10	2.6	ug/L							
2-Nitroaniline	ND	50	4.1	ug/L							
3-Nitroaniline	ND	50	3.1	ug/L							
4-Nitroaniline	ND	50	3.4	ug/L							
Nitrobenzene	ND	10	3.0	ug/L							
2-Nitrophenol	ND	50	4.0	ug/L							
4-Nitrophenol	ND	50	2.9	ug/L							
N-Nitrosodimethylamine	ND	10	4.8	ug/L							
N-Nitrosodiphenylamine/Diphenylamine	ND	10	3.4	ug/L							
N-Nitrosodi-n-propylamine	ND	10	4.7	ug/L							
Di-n-octyl phthalate	ND	10	3.1	ug/L							
Pentachlorophenol	ND	20	3.5	ug/L							
Phenanthrene	ND	10	2.6	ug/L							
Phenol	ND	10	2.1	ug/L							
Pyrene	ND	10	8.2	ug/L							
1,2,4-Trichlorobenzene	ND	10	2.9	ug/L							
2,4,5-Trichlorophenol	ND	10	5.4	ug/L							
2,4,6-Trichlorophenol	ND	10	7.4	ug/L							
Surrogate: 2-Fluorophenol	33			ug/L	100.00		33	11-120			
Surrogate: Phenol-d6	23			ug/L	100.00		23	10-120			
Surrogate: Nitrobenzene-d5	23			ug/L	50.000		45	15-120			
Surrogate: 2-Fluorobiphenyl	27			ug/L	50.000		54	23-120			
Surrogate: 2,4,6-Tribromophenol	62			ug/L	100.00		62	36-120			
Surrogate: p-Terphenyl-d14	41			ug/L	50.000		81	53-121			



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Elgin IL, 60120

Attention: Mr. Bob Schoepke

August 13, 2014

Report No.: AXH0127

Semivolatile Organic Compounds by EPA 8270 - Quality Control

Analyte	Result	RL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 4080161 - EPA 3510C											
LCS (4080161-BS1)					Prepared: 08/08/14 Analyzed: 08/10/14						
Acenaphthene	37	10	3.1	ug/L	50.000		74	47-120			
4-Chloro-3-methylphenol	74	10	6.5	ug/L	100.00		74	43-120			
2-Chlorophenol	63	10	5.1	ug/L	100.00		63	30-120			
1,4-Dichlorobenzene	26	10	2.9	ug/L	50.000		52	25-120			
2,4-Dinitrotoluene	34	20	3.0	ug/L	50.000		68	55-120			
4-Nitrophenol	27	50	2.9	ug/L	100.00		27	14-120			J
N-Nitrosodi-n-propylamine	28	10	4.7	ug/L	50.000		56	38-120			
Pentachlorophenol	82	20	3.5	ug/L	100.00		82	47-120			
Phenol	35	10	2.1	ug/L	100.00		35	12-120			
Pyrene	47	10	8.2	ug/L	50.000		94	53-120			
1,2,4-Trichlorobenzene	29	10	2.9	ug/L	50.000		57	29-120			
Surrogate: 2-Fluorophenol	39			ug/L	100.00		39	11-120			
Surrogate: Phenol-d6	29			ug/L	100.00		29	10-120			
Surrogate: Nitrobenzene-d5	28			ug/L	50.000		56	15-120			
Surrogate: 2-Fluorobiphenyl	34			ug/L	50.000		68	23-120			
Surrogate: 2,4,6-Tribromophenol	79			ug/L	100.00		79	36-120			
Surrogate: p-Terphenyl-d14	49			ug/L	50.000		98	53-121			
Matrix Spike (4080161-MS1)					Source: AXH0088-03		Prepared: 08/08/14 Analyzed: 08/10/14				
Acenaphthene	34	10	3.1	ug/L	50.000	ND	68	40-120			
4-Chloro-3-methylphenol	73	10	6.5	ug/L	100.00	ND	73	45-120			
2-Chlorophenol	59	10	5.1	ug/L	100.00	ND	59	33-120			
1,4-Dichlorobenzene	25	10	2.9	ug/L	50.000	ND	50	10-120			
2,4-Dinitrotoluene	30	20	3.0	ug/L	50.000	ND	61	46-122			
4-Nitrophenol	28	50	2.9	ug/L	100.00	ND	28	15-120			J
N-Nitrosodi-n-propylamine	30	10	4.7	ug/L	50.000	ND	60	35-120			
Pentachlorophenol	82	20	3.5	ug/L	100.00	ND	82	40-120			
Phenol	34	10	2.1	ug/L	100.00	ND	34	12-120			
Pyrene	39	10	8.2	ug/L	50.000	ND	78	54-120			
1,2,4-Trichlorobenzene	28	10	2.9	ug/L	50.000	ND	55	12-120			
Surrogate: 2-Fluorophenol	36			ug/L	100.00		36	11-120			
Surrogate: Phenol-d6	26			ug/L	100.00		26	10-120			
Surrogate: Nitrobenzene-d5	26			ug/L	50.000		53	15-120			
Surrogate: 2-Fluorobiphenyl	32			ug/L	50.000		63	23-120			
Surrogate: 2,4,6-Tribromophenol	75			ug/L	100.00		75	36-120			
Surrogate: p-Terphenyl-d14	40			ug/L	50.000		80	53-121			



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

August 13, 2014

Report No.: AXH0127

Semivolatile Organic Compounds by EPA 8270 - Quality Control

Analyte	Result	RL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 4080161 - EPA 3510C											
Matrix Spike Dup (4080161-MSD1)				Source: AXH0088-03			Prepared: 08/08/14 Analyzed: 08/10/14				
Acenaphthene	37	10	3.1	ug/L	50.000	ND	74	40-120	9	29	
4-Chloro-3-methylphenol	78	10	6.5	ug/L	100.00	ND	78	45-120	7	29	
2-Chlorophenol	65	10	5.1	ug/L	100.00	ND	65	33-120	9	32	
1,4-Dichlorobenzene	26	10	2.9	ug/L	50.000	ND	51	10-120	4	31	
2,4-Dinitrotoluene	33	20	3.0	ug/L	50.000	ND	66	46-122	8	26	
4-Nitrophenol	31	50	2.9	ug/L	100.00	ND	31	15-120	11	35	J
N-Nitrosodi-n-propylamine	31	10	4.7	ug/L	50.000	ND	63	35-120	5	28	
Pentachlorophenol	87	20	3.5	ug/L	100.00	ND	87	40-120	5	27	
Phenol	38	10	2.1	ug/L	100.00	ND	38	12-120	12	30	
Pyrene	42	10	8.2	ug/L	50.000	ND	84	54-120	7	21	
1,2,4-Trichlorobenzene	29	10	2.9	ug/L	50.000	ND	58	12-120	4	32	
Surrogate: 2-Fluorophenol	40			ug/L	100.00		40	11-120			
Surrogate: Phenol-d6	31			ug/L	100.00		31	10-120			
Surrogate: Nitrobenzene-d5	28			ug/L	50.000		56	15-120			
Surrogate: 2-Fluorobiphenyl	35			ug/L	50.000		69	23-120			
Surrogate: 2,4,6-Tribromophenol	79			ug/L	100.00		79	36-120			
Surrogate: p-Terphenyl-d14	43			ug/L	50.000		86	53-121			



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August 13, 2014

Laboratory Certifications

Code	Description	Number	Expires
LA	Louisiana	02069	06/30/2015
NC	North Carolina	381	12/31/2014
NELAC	FL DOH (Non-Pot. Water, Solids) Eff.: 07/01/2013	E87315	06/30/2015
SC	South Carolina	98011001	08/30/2014
TX	Texas	T104704397-08-TX	03/31/2015
VA	Virginia	1340	12/14/2014



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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.

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

LOG-IN CHECKLIST

Printed: 8/13/2014 3:17:57PM

Attn: Mr. Bob Schoepke

Client: Safety-Kleen Corporation - Elgin

Project: Tampa, FL

Date Received: 08/06/14 10:10

Work Order: AXH0127

Logged In By: Mohammad M. Rahman

OBSERVATIONS

#Samples: 4

#Containers: 8

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	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: