ECT
Environmental Consulting & Technology, Inc.

November 19, 2013
120043-1333

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 #5

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) #5 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 NAMR #5 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 North Westshore Blvd., Suite 115
Tampa, FL 33607

(813) 289-9338

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 NAMR provides results of monitoring that was implemented in accordance with the NAMP as approved and clarified by the Department.

OCTOBER 2013 SAMPLING AND ANALYSIS

The Department was notified via e-mail on September 28, 2013, in advance of the October 9, 2013, groundwater sampling event, which was the fifth quarterly monitoring event pursuant to implementation of the NAMP. Per paragraph 62-780.690(8)(d), F.A.C., this NAMR 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-2, MW-3 and MW-4. MW-2 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 October 9, 2013, 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. 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 October 9, 2013, measurements. The water table conditions are similar to previous observations during the wet season; 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 October 2013 sample results indicate that no SVOC was detected at either MW-3 or MW-4, and that no Action Level was exceeded at any well.

Two constituents were detected at MW-2. Specifically, 1,4-dichlorobenzene was detected at an estimated concentration of 7.7 J µg/L, which is far below the Groundwater Cleanup Target Level (GCTL) for 1,4-dichlorobenzene (GCTL = 75 µg/L), and diethyl phthalate was detected at an estimated concentration of 5.3 J µg/L, which is far below its GCTL of 5,600 µg/L.

Action Levels in the source area at MW-2 are the natural attenuation default source concentrations (NADSC) per Table V in Chapter 62-777, F.A.C. No SVOC was detected at MW-2 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 13 µg/L in October 2013, and MW-2 accounted for all of the SVOCs detected.

RECOMMENDATIONS

The S-K recommendation is to continue the implementation of the approved NAMP.

To this end, the next quarterly sampling event will occur in January 2014, and results from that sampling event will be reported in NAMR #6 which will be submitted within 60 days after the January monitoring event. NAMR #6 will also include the annual evaluation of water quality data pursuant to paragraph 62-780.690(8)(f), F.A.C.

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.

When Natural Attenuation with Monitoring is considered complete to the satisfaction of S-K pursuant to paragraph 62-780.690(8)(g), F.A.C., S-K will submit to the Department for review two copies of a Site Rehabilitation Completion Report with a No Further Action Proposal within 60 days of the final sampling event. The Site Rehabilitation Completion Report will include 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

Richard J. Stebnisky, P.G.
Principal Hydrogeologist

11-14-13

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, c/o Scott Matthews, 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-2	MW-3	MW-4	MW-5	MW-6D
DIAMETER	2"	2"	2"	2"	2"	2"
WELL DEPTH (TOC)	12.19	12.27	12.22	12.37	12.01	48.23
SCREEN INTERVAL (ft bls)	2 - 12	2 - 12	2 - 12	2 - 12	2 - 12	41-46
TOC ELEVATION (NGVD)	13.00	12.44	11.45	11.56	13.55	11.93

DATE	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP
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	

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.
ft bls = Feet below land surface.
NYI = Not yet installed.
Blank = No data

Sources: S-K, 2011; ECT, 2013.

Gradient Calculations*

DATE	MW-2 Mound Scenario ELEV	MW-2 Mound Scenario downgrad. contour ELEV	Head diff FT	Distance FT	Gradient	AMBIENT Contour Scenario ELEV	AMBIENT Contour Scenario downgrad. contour ELEV	Head diff FT	Distance FT	Gradient
02/08/12	7.98	7.80	0.18	37.00	0.0049	8.00	7.80	0.20	68	0.00294
04/09/12	8.92	8.1	0.82	35	0.0234	8.30	8.1	0.20	67	0.00299
07/02/12	11.22	10.5	0.72	52	0.0138	10.90	10.5	0.40	94	0.00426
07/19/12	11.58	10.8	0.78	31	0.0252	11.10	10.8	0.30	59	0.00508
10/16/12	11.27	10.7	0.57	33	0.0173	11.00	10.7	0.30	71	0.00423
01/03/13	9.27	8.7	0.57	28	0.0204	8.80	8.7	0.10	52	0.00192
04/03/13	8.73	7.65	1.08	37	0.0292	7.75	7.65	0.10	59	0.00169
07/11/13	**	**			**	**	**			**
10/09/13	11.33	10.90	0.43	38	0.0113	11.50	10.90	0.60	71	0.00845
AVERAGE Gradient					**0.018**					**0.0039**

*** = 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
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
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	02/08/12	<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	10/09/13	<1.4	<3.0	<2.8	<3.1	<3.2	<1.9	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., 2013; and
ECT, 2013.

FIGURES

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

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

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Path: Q:\projects\Safety_Kleen\Tampa\120043\0100\NAMR\Pr_Site_Plan.mxd User: jstebnisky Date: 4/30/2013

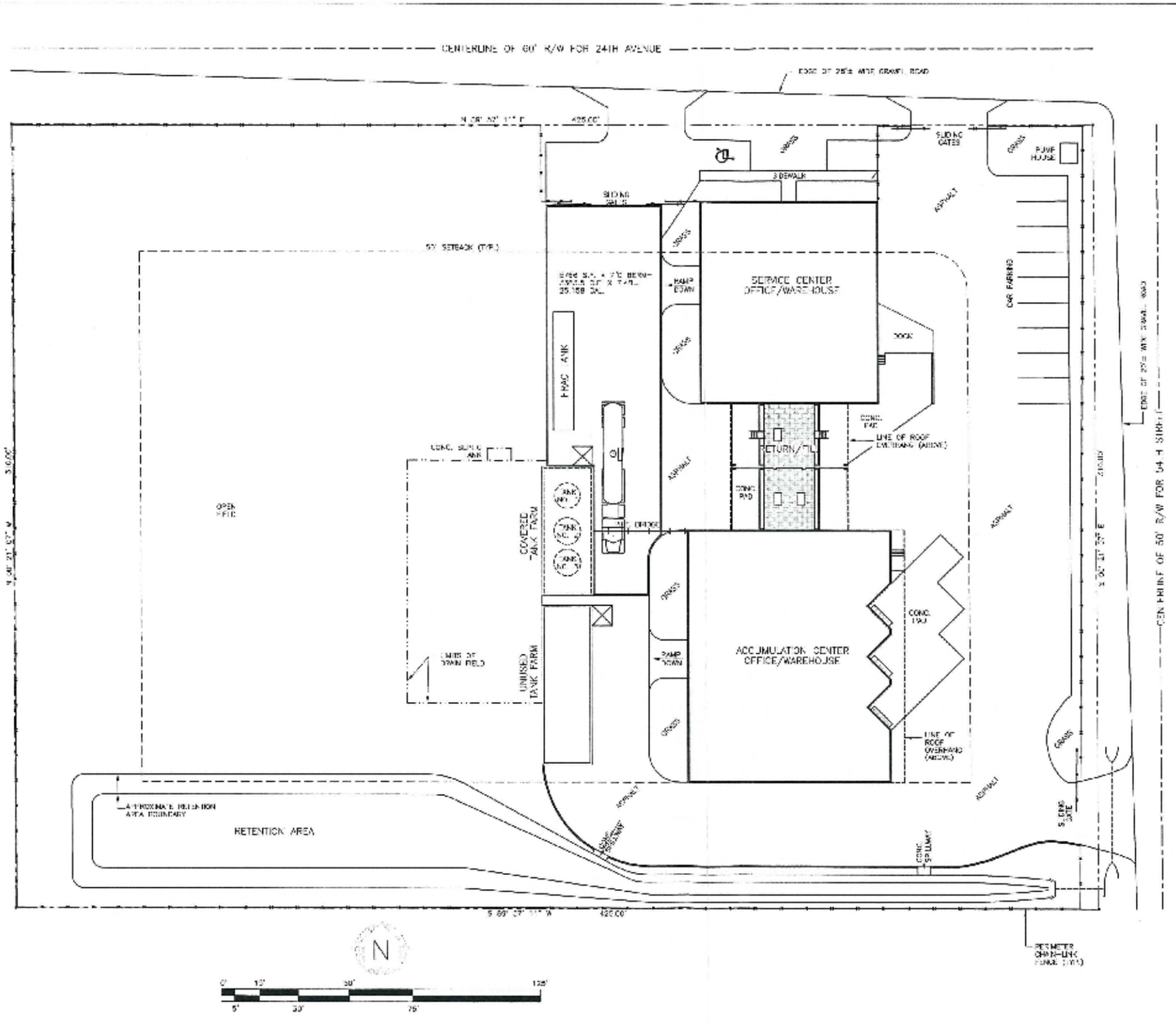

FIGURE 2.
FACILITY MAP

GENERAL NOTES

ABBREVIATION LEGEND

CONC – CONCRETE
UMS – USED MINERAL SPIRITS
CMS135 – CLEAN MINERAL SPIRITS 135
CMS150 – CLEAN MINERAL SPIRITS 150
USG – UNITED STATES GALLONS

TANK LEGEND

TANK NO.	TANK VOLUME	TANK CONTENTS	REMARKS
1	12,000 USG	CMS150	10'Ø FLAT BOTTOM TANK ON STL METAL SKID
2	15,000 USG	UMS	10'-6"Ø FLAT BOTTOM TANK ON STL METAL SKID
3	15,000 USG	CMS150	10'-6"Ø FLAT BOTTOM TANK ON STL METAL SKID

REVISIONS

NO.	DESCRIPTION	BY	CHK	APPR	DATE
A	RELEASED TO CP FOR REVIEW	MSH	KJW	DP	1/24/07
B	REVISE TO SHOW EXISTING CONDITIONS	JDS	DP	DP	2/21/08
C	ADD PROPOSED FRAC TANK PAD	JDS	DP	DP	2/28/08

PROPRIETARY STATEMENT

Project Solutions Companies
1200 Boone Industrial Drive Suite 200 • Columbia, MO 65203
• Phone: (573) 445-7100 • Fax: (573) 445 7181 •

TITLE
SITE PLAN
PROPOSED

SAFETY-KLEEN SYSTEMS INC.
5400 LEGACY DR. CLUSTER III BLDG. 3 PLANO, TX 75024
PHONE 800-669-5740

SCALE	BY	CHKD	APPROVED	OPERATIONS	DATE
1"=30'-0"	MSH	KJW	DP		10-24-05
FERROUS SPITTER LOCATION			SK-DWG NUMBER		REV. NO.
AMPA, FL.			2088-SP00-C01		C

Q:\projects\Safety_Kleen\Tampa\120043\0100\WTE_100913.mxd By: jstebnisky Date: 10/11/2013

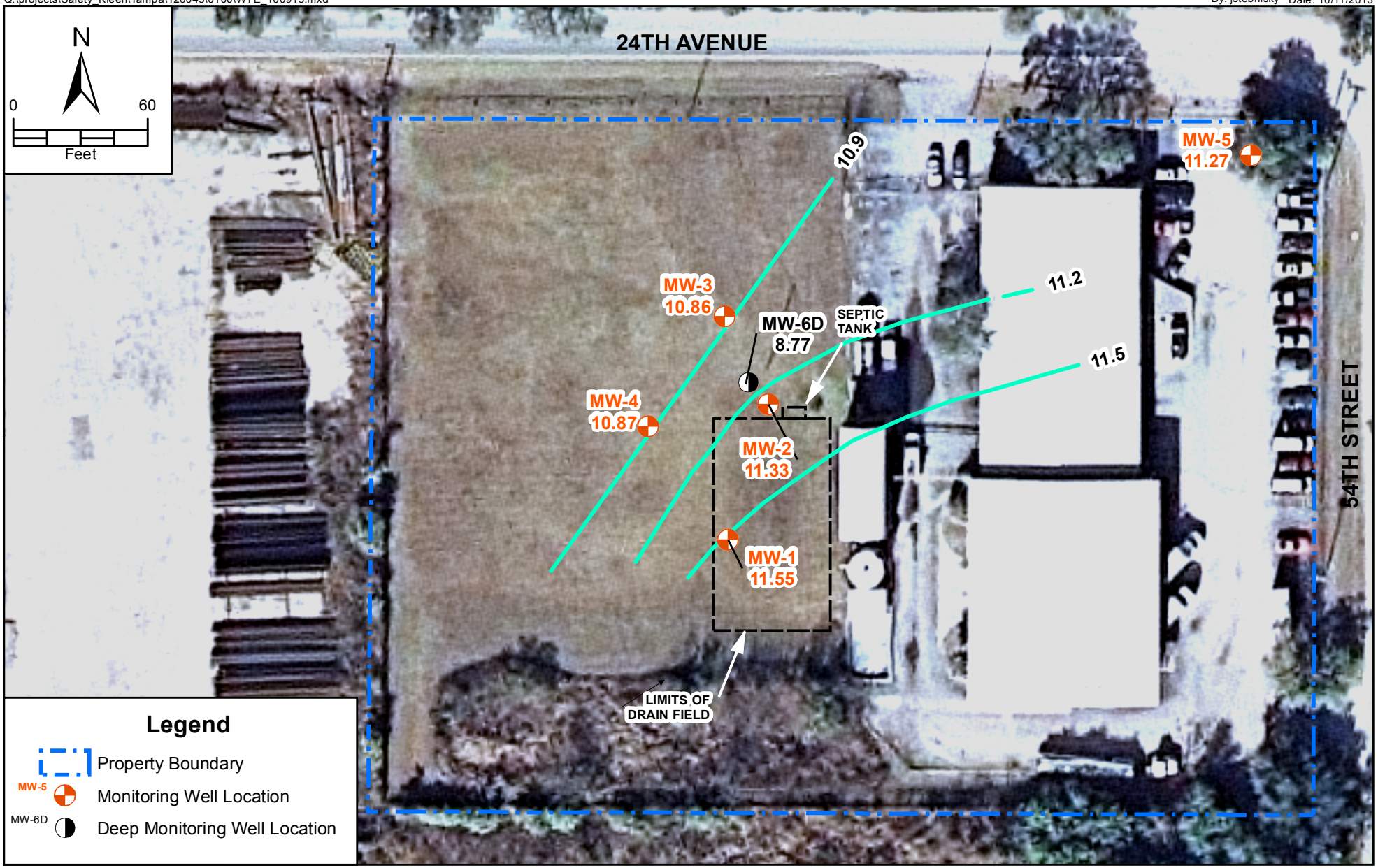

FIGURE 3.
MAP OF WATER TABLE ELEVATIONS ON 10/09/2013 (IN FEET NGVD)
SAFEETY-KLEEN
TAMPA, FLORIDA

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

ECT
Environmental Consulting & Technology, Inc.

ATTACHMENT 1

GROUNDWATER SAMPLING LOGS

PROJECT INFORMATION

Project & Task #: 120043-1331 Date: 10-9-13

DAY LOG

Time	Comments
730	Calibration check on Meters. load T-7
835	off to get Ice, water, gatorade - Safety-Kleen of Tampa
915	onsite at Safety-Kleen of Tampa (SK-TPA) - Check in at office.
920	opening all Monitoring wells
955	Taking Depth to water measurements
*1010	Collected Equipment Blank - Arbitrary ID = MW-7
1013	purging MW-3
*1047	Sampling MW-3
1103	purging MW-4
* 1133	Sampling MW-4
1151	purging MW-2
*1221	Sampling MW-2
1240	Drum all IDW purge water in 30-gallon Drum + Label NON-HAZ
1250	Check out at office / off to ECT office
1320	getting more Ice + gas at Shell
1330	at ECT office, Calibration check on Meters
1430	pack coolers for shipment to ASI Lab.
1500	Complete = 7.5 hrs

ECT GROUND WATER LEVEL DATA FORM

SK-TAMPA

PROJECT INFORMATION

Project & Task #: 120043-1331

Date: 10-9-13

LEVEL DATA

Well #	Time	Total Depth	Ref. Elevation	Depth to GW	GW Elevation	Order	Observations/Comments
MW-1	1007			1.45		6	
MW-2	1002			1.11		4	
MW-3	1600			0.59		3	
MW-4	1004			0.69		5	
MW-5	957			2.28		1	
MW-6D	959			3.16		2	

SIGNED INITIALS

Measured by: Keith F. Morrison-KFM Date: 10-9-13

Recorded by: KFM Date: 10-9-13

Reviewed by: Date:

EQUIPMENT DESCRIPTION & DECONTAMINATION

Description ID or S/N:

Decontaminate between wells? Y or (N) (Circle One)

Procedure 4.1.9.1 (Y or N) or other (describe):

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Safety-Kleen of TAMPA	SITE LOCATION: 5309 24th Ave S. Tampa, FL	
WELL NO: MW-2	SAMPLE ID: MW-2-100913	DATE: 10-9-13

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/8	WELL SCREEN INTERVAL DEPTH: 2 feet to 12 feet	STATIC DEPTH TO WATER (feet): 1.11	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)
= (12.27 feet – 1.11 feet) X 0.16 gallons/foot = 1.79 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (gallons/foot X feet) + gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 7	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 7	PURGING INITIATED AT: 1151	PURGING ENDED AT: 1220	TOTAL VOLUME PURGED (gallons): ≈ 2.3

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 mS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
1214	1.84	1.84	0.08	2.16	6.80	25.36	1810	0.36	3.00	clear	organic	-214.1
1217	0.24	2.09	↓	2.16	6.80	25.40	1809	0.30	2.93	"	to	-217.4
1220	0.24	2.32	↓	2.16	6.81	25.42	1805	0.27	2.79	"	septic	-220.8

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)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Keith F. Morrow/ELT	SAMPLER(S) SIGNATURE(S): Keith F Morrow	SAMPLING INITIATED AT: 1221	SAMPLING ENDED AT: 1232
PUMP OR TUBING DEPTH IN WELL (feet): 7	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					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-2-100913	2	AG	1L	Ice	—	—	8270. 5402	App	at purge rate

REMARKS: $Q = \frac{0.05\ gal}{37\ sec} \times \frac{60\ sec}{1\ min} = 0.08\ gpm$

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.**

23 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)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Safety-Kleen of TAMPA (SK-TPA)	SITE LOCATION: 5309 24th AVE S. / TAMPA, FL	
WELL NO: MW-3	SAMPLE ID: MW-100913	DATE: 10-9-13

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/8	WELL SCREEN INTERVAL DEPTH: 2 feet to 12 feet	STATIC DEPTH TO WATER (feet): 0.59	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 − 0.59 feet) X 0.16 gallons/foot = 1.86 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (gallons/foot X feet) + gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 7	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 7	PURGING INITIATED AT: 1013	PURGING ENDED AT: 1046	TOTAL VOLUME PURGED (gallons): 2.4

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 mS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
1040	1.92	1.92	0.08	0.79	6.53	25.18	1817	0.97	2.41	Clear	Slight	115.7
1043	0.24	2.16	↓	0.79	6.53	25.18	1816	0.95	2.02	"	Organic	112.8
1046	0.24	2.4	↓	0.79	6.52	25.16	1817	0.96	1.46	"	"	109.7

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)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Keith F. Morrison / ECT	SAMPLER(S) SIGNATURE(S): Keith F Morrison	SAMPLING INITIATED AT: 1047	SAMPLING ENDED AT: 1057
PUMP OR TUBING DEPTH IN WELL (feet): 7	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					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-3-100913	2	AG	1L	Ice	None	—	8270 SVOCs	APP	at purge rate

REMARKS: Q = 0.05gal / 30sec × 60sec / 1min ≈ 0.08 gpm
X 1010 Collected Equipment Blank Arbitrary ID = MW-7

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)

27 **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)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME:	Safety-Klean of Tampa	SITE LOCATION:	5309 24th Ave. S	Tampa, FL
WELL NO:	MW-4	SAMPLE ID:	MW-4-100913	DATE: 10-9-13

PURGING DATA

WELL DIAMETER (inches):	TUBING DIAMETER (inches):	WELL SCREEN INTERVAL DEPTH:	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER:
2	1/8	2 feet to 12 feet	0.69	PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (11.56 feet – 0.69 feet) X 0.16 gallons/foot = 1.74 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):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT:	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):
7	7	1103	1132	2.3

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 (mS/cm)	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
1126	1.84	1.84	0.08	1.05	6.63	25.37	2484	0.87	2.55	clear	Slight	101.0
1129	0.24	2.08	↓	1.05	6.63	25.39	2528	0.87	2.02	"	organic	97.7
1132	0.24	2.32	↓	1.05	6.64	25.40	2552	0.86	1.72	"	"	97.5

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)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT:	SAMPLING ENDED AT:
Keith F. Morrison / ECT	Keith F Morrison	1133	1145

PUMP OR TUBING DEPTH IN WELL (feet):	TUBING MATERIAL CODE:	FIELD-FILTERED: Y (N) Filtration Equipment Type: (C)	FILTER SIZE: ____ µm
7	PE		

FIELD DECONTAMINATION: PUMP Y (N) TUBING Y (N) (replaced) DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-4-100913	2	AG	1L	ICE	None	—	8270-SVOCs	APP	at Purge rate

REMARKS: Q = 0.05 gal / 30 sec × 60 sec / 1 min ≈ 0.08 gpm

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)

23 **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)

Revision Date: February 12, 2009

Instrument Calibration and Field Verification Log

Instrument Make: YSI Model: 556 MPS Identification: 2 Date: (mm/dd/yy) 10/09/13

Sampler's Name / Signature: Keith F. Morrison Temp: YSI 22.4 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	~~1224~~ 730	1345	1445						
Standard Value	Temperature	22.4 °C	23.5 °C	°C	°C	°C	°C	°C	°C	°C
pH 4.01 S.U.		4.09	4.09							
pH 7.00 S.U.		7.06	7.07							
pH 10.00 S.U.		9.96	9.95							
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		KFM	KFM							
Conductivity 500 µS/cm Cal		502	503							
Conductivity 1000 µS/cm Ver		994	996							
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		KFM	KFM							
D.O. mg/L @ Saturation	% Saturat	8.26 / 99.9	8.60 / 99.4							
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		KFM	KFM							
Membrane Last Replaced										
ORP in mV		233	234							
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		KFM	KFM							

Calibration Solutions	Manufacturer	Lot Number	Expiration Date
pH 4.01 S.U.	Exaxol	Lot# 130321A	03/2014
pH 7.00 S.U.	↓	Lot# 130716A KFM	07/2014
pH 10.00 S.U.	↓	Lot# 130809A	02/2015
Conductivity 500 µS/cm Cal	↓	Lot# 130909C	08/2014
Conductivity 1000 µS/cm Ver	↓	Lot# 130809D	07/2014
ORP 231 mV @ 25 °C	YSI	Lot# 13B 1000 54	02/2014

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 (MAKE/MODEL#) HACH 2100P Turbidimeter **INSTRUMENT #** 2

PARAMETER: *[check only one]*

☐ 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 2.48 NTUS
Standard B 26.7 NTUS
Standard C 389 NTUS

Yes ~~S~~ Instrument was within calibration Range and did NOT require calibration

DATE (yy/mm/dd)	TIME (hr:min)	STD (A, B, C)	STD VALUE	INSTRUMENT RESPONSE	% DEV	CALIBRATED (YES, NO)	TYPE (INIT, CONT)	SAMPLER INITIALS
October 9, 2013	733	A	2.48	2.50	≤5%	Yes	INIT	KFm
	734	B	26.7	26.8		↓	INIT	KFm
	735	C	389	392		↓	INIT	KFm
	1450	A	2.48	2.51		Yes	Cont	KFm
	1451	B	26.7	26.8		↓	Cont	KFm
	1452	C	389	391	↓	↓	Cont	KFm

225889

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.asi-lab.com

PAGE: 1 OF 1

CLIENT NAME:

CLIENT ADDRESS/PHONE NUMBER/FAX NUMBER:

REPORT TO: | CC:

REQUESTED COMPLETION DATE: | PO #:

PROJECT NAME/STATE:

PROJECT #:

DATE	TIME	MATRIX CODE*	COMP	GRAB	SAMPLE IDENTIFICATION
8-11	1040	GW		X	MW-7 100113
	1047	GW		X	MW-2 100113
	1021	GW		X	MW-3 100113
	1053	GW		X	MW-4 100113

ANALYSIS REQUESTED

CONTAINER TYPE										
PRESERVATION										
# of CONTAINERS	2	2								
	2	2								
	2	2								
	2	2								

LAB ID NUMBER

CONTAINER TYPE		PRESERVATION	
P -	PLASTIC	1 -	HCl, 4°
A -	AMBER GLASS	2 -	H2SO4, 4°
G -	CLEAR GLASS	3 -	HNO3, 4°
V -	VOA VIAL	4 -	NaOH, 4°
S -	STERILE	5 -	NaOH/ZnAc, 4°
O -	OTHER	6 -	Na2S203, 4°
		7 -	4°

*MATRIX CODES:

DW -	DRINKING WATER	S -	SOIL
WW -	WASTEWATER	SL -	SLUDGE
GW -	GROUNDWATER	SD -	SOLID
SW -	SURFACE WATER	A -	AIR
ST -	STORM WATER	L -	LIQUID
W -	WATER	P -	PRODUCT

REMARKS/ADDITIONAL INFORMATION

SAMPLED BY AND TITLE: | DATE/TIME: 8-12-13 1130

RECEIVED BY: | DATE/TIME:

RECEIVED BY LAB: | DATE/TIME:

pH: Labeled Preserved | Ice: Yes or No

RELINQUISHED BY: | DATE/TIME: 8-12-13 1550

RELINQUISHED BY: | DATE/TIME:

SAMPLE SHIPPED VIA:
UPS FED-EX COURIER CLIENT OTHER:

Temperature: | Custody Seal: Intact Broken Missing | Cooler #

FOR LAB USE ONLY

LAB #:

In-house location:

Entered Into LIMS:

Please use Black Ink to complete form.

ATTACHMENT 2

ANALYTICAL LABORATORY REPORT

ASI

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: AWJ0393

October 18, 2013

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:

Elizabeth Bryant
Project Manager

ASI

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

October 18, 2013

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-7-100913	AWJ0393-01	Ground Water	10/09/13 10:10	10/10/13 09:55
MW-3-100913	AWJ0393-02	Ground Water	10/09/13 10:47	10/10/13 09:55
MW-2-100913	AWJ0393-03	Ground Water	10/09/13 12:21	10/10/13 09:55
MW-4-100913	AWJ0393-04	Ground Water	10/09/13 11:33	10/10/13 09:55

ASI

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

October 18, 2013

Report No.: AWJ0393
Client ID: MW-7-100913
Date/Time Sampled: 10/9/2013 10:10:00AM
Matrix: Ground Water

Project: Tampa, FL
Lab Number ID: AWJ0393-01
Date/Time Received: 10/10/2013 9:55:00AM

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Semivolatile Organic Compounds by EPA 8270											
Acenaphthene	ND	10	3.2	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 13:57	3100343	TAS
Acenaphthylene	ND	10	3.2	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 13:57	3100343	TAS
Anthracene	ND	10	2.5	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 13:57	3100343	TAS
Benzo(a)anthracene	ND	10	2.7	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 13:57	3100343	TAS
Benzo(a)pyrene	ND	10	2.7	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 13:57	3100343	TAS
Benzo(b)fluoranthene	ND	10	3.0	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 13:57	3100343	TAS
Benzo(ghi)perylene	ND	10	3.0	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 13:57	3100343	TAS
Benzo(k)fluoranthene	ND	10	3.8	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 13:57	3100343	TAS
Benzoic acid	ND	50	1.4	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 13:57	3100343	TAS
Benzyl alcohol	ND	20	3.4	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 13:57	3100343	TAS
Benzyl butyl phthalate	ND	10	3.4	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 13:57	3100343	TAS
4-Bromophenyl phenyl ether	ND	10	3.8	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 13:57	3100343	TAS
Di-n-butyl phthalate	ND	10	3.2	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 13:57	3100343	TAS
4-Chloroaniline	ND	20	3.5	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 13:57	3100343	TAS
Bis(2-chloroethoxy)methane	ND	10	4.5	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 13:57	3100343	TAS
Bis(2-chloroethyl)ether	ND	10	4.0	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 13:57	3100343	TAS
Bis(2-chloroisopropyl)ether	ND	10	3.5	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 13:57	3100343	TAS
4-Chloro-3-methylphenol	ND	10	3.0	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 13:57	3100343	TAS
2-Chloronaphthalene	ND	10	3.6	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 13:57	3100343	TAS
2-Chlorophenol	ND	10	4.0	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 13:57	3100343	TAS
4-Chlorophenyl phenyl ether	ND	10	3.0	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 13:57	3100343	TAS
Chrysene	ND	10	2.9	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 13:57	3100343	TAS
Dibenzo(a,h)anthracene	ND	10	3.3	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 13:57	3100343	TAS
Dibenzofuran	ND	10	3.1	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 13:57	3100343	TAS
1,2-Dichlorobenzene	ND	10	3.3	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 13:57	3100343	TAS
1,3-Dichlorobenzene	ND	10	2.8	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 13:57	3100343	TAS
1,4-Dichlorobenzene	ND	10	3.0	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 13:57	3100343	TAS
3,3´-Dichlorobenzidine	ND	20	2.9	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 13:57	3100343	TAS
2,4-Dichlorophenol	ND	10	4.0	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 13:57	3100343	TAS
Diethyl phthalate	ND	10	2.8	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 13:57	3100343	TAS
2,4-Dimethylphenol	ND	10	4.7	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 13:57	3100343	TAS
Dimethyl phthalate	ND	10	3.0	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 13:57	3100343	TAS

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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

October 18, 2013

Report No.: AWJ0393
Client ID: MW-7-100913
Date/Time Sampled: 10/9/2013 10:10:00AM
Matrix: Ground Water

Project: Tampa, FL
Lab Number ID: AWJ0393-01
Date/Time Received: 10/10/2013 9:55:00AM

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	4.3	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 13:57	3100343	TAS
2,4-Dinitrophenol	ND	50	4.3	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 13:57	3100343	TAS
2,4-Dinitrotoluene	ND	20	3.4	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 13:57	3100343	TAS
2,6-Dinitrotoluene	ND	20	3.3	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 13:57	3100343	TAS
Bis(2-ethylhexyl)phthalate	ND	10	3.5	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 13:57	3100343	TAS
Fluoranthene	ND	10	3.1	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 13:57	3100343	TAS
Fluorene	ND	10	3.0	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 13:57	3100343	TAS
Hexachlorobenzene	ND	10	3.3	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 13:57	3100343	TAS
Hexachlorobutadiene	ND	10	3.0	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 13:57	3100343	TAS
Hexachlorocyclopentadiene	ND	10	3.8	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 13:57	3100343	TAS
Hexachloroethane	ND	10	3.8	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 13:57	3100343	TAS
Indeno(1,2,3-cd)pyrene	ND	10	3.4	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 13:57	3100343	TAS
Isophorone	ND	10	4.1	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 13:57	3100343	TAS
2-Methylnaphthalene	ND	10	4.2	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 13:57	3100343	TAS
2-Methylphenol (o-cresol)	ND	10	3.5	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 13:57	3100343	TAS
3+4-Methylphenol (m+p-cresol)	ND	10	3.1	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 13:57	3100343	TAS
Naphthalene	ND	10	3.2	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 13:57	3100343	TAS
2-Nitroaniline	ND	50	2.6	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 13:57	3100343	TAS
3-Nitroaniline	ND	50	3.3	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 13:57	3100343	TAS
4-Nitroaniline	ND	50	3.8	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 13:57	3100343	TAS
Nitrobenzene	ND	10	4.0	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 13:57	3100343	TAS
2-Nitrophenol	ND	50	3.5	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 13:57	3100343	TAS
4-Nitrophenol	ND	50	1.8	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 13:57	3100343	TAS
N-Nitrosodimethylamine	ND	10	1.1	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 13:57	3100343	TAS
N-Nitrosodiphenylamine/Diphenylamine	ND	10	3.1	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 13:57	3100343	TAS
N-Nitrosodi-n-propylamine	ND	10	5.5	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 13:57	3100343	TAS
Di-n-octyl phthalate	ND	10	3.6	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 13:57	3100343	TAS
Pentachlorophenol	ND	20	4.0	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 13:57	3100343	TAS
Phenanthrene	ND	10	2.3	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 13:57	3100343	TAS
Phenol	ND	10	1.9	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 13:57	3100343	TAS
Pyrene	ND	10	3.0	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 13:57	3100343	TAS
1,2,4-Trichlorobenzene	ND	10	3.9	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 13:57	3100343	TAS

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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

October 18, 2013

Report No.: AWJ0393
Client ID: MW-7-100913
Date/Time Sampled: 10/9/2013 10:10:00AM
Matrix: Ground Water

Project: Tampa, FL
Lab Number ID: AWJ0393-01
Date/Time Received: 10/10/2013 9:55:00AM

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	3.8	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 13:57	3100343	TAS
2,4,6-Trichlorophenol	ND	10	3.4	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 13:57	3100343	TAS
Surrogate: 2-Fluorophenol	*39 %*		*10-88*		*EPA 8270D*			10/14/13 09:00	10/16/13 13:57	*3100343*	
Surrogate: Phenol-d6	*29 %*		*10-61*		*EPA 8270D*			10/14/13 09:00	10/16/13 13:57	*3100343*	
Surrogate: Nitrobenzene-d5	*60 %*		*28-109*		*EPA 8270D*			10/14/13 09:00	10/16/13 13:57	*3100343*	
Surrogate: 2-Fluorobiphenyl	*63 %*		*38-112*		*EPA 8270D*			10/14/13 09:00	10/16/13 13:57	*3100343*	
Surrogate: 2,4,6-Tribromophenol	*76 %*		*10-165*		*EPA 8270D*			10/14/13 09:00	10/16/13 13:57	*3100343*	
Surrogate: p-Terphenyl-dl4	*103 %*		*10-142*		*EPA 8270D*			10/14/13 09:00	10/16/13 13:57	*3100343*	

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Elgin IL, 60120

Attention: Mr. Bob Schoepke

October 18, 2013

Report No.: AWJ0393
Client ID: MW-3-100913
Date/Time Sampled: 10/9/2013 10:47:00AM
Matrix: Ground Water

Project: Tampa, FL
Lab Number ID: AWJ0393-02
Date/Time Received: 10/10/2013 9:55:00AM

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Semivolatile Organic Compounds by EPA 8270											
Acenaphthene	ND	10	3.2	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 14:20	3100343	TAS
Acenaphthylene	ND	10	3.2	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 14:20	3100343	TAS
Anthracene	ND	10	2.5	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 14:20	3100343	TAS
Benzo(a)anthracene	ND	10	2.7	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 14:20	3100343	TAS
Benzo(a)pyrene	ND	10	2.7	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 14:20	3100343	TAS
Benzo(b)fluoranthene	ND	10	3.0	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 14:20	3100343	TAS
Benzo(ghi)perylene	ND	10	3.0	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 14:20	3100343	TAS
Benzo(k)fluoranthene	ND	10	3.8	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 14:20	3100343	TAS
Benzoic acid	ND	50	1.4	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 14:20	3100343	TAS
Benzyl alcohol	ND	20	3.4	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 14:20	3100343	TAS
Benzyl butyl phthalate	ND	10	3.4	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 14:20	3100343	TAS
4-Bromophenyl phenyl ether	ND	10	3.8	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 14:20	3100343	TAS
Di-n-butyl phthalate	ND	10	3.2	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 14:20	3100343	TAS
4-Chloroaniline	ND	20	3.5	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 14:20	3100343	TAS
Bis(2-chloroethoxy)methane	ND	10	4.5	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 14:20	3100343	TAS
Bis(2-chloroethyl)ether	ND	10	4.0	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 14:20	3100343	TAS
Bis(2-chloroisopropyl)ether	ND	10	3.5	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 14:20	3100343	TAS
4-Chloro-3-methylphenol	ND	10	3.0	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 14:20	3100343	TAS
2-Chloronaphthalene	ND	10	3.6	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 14:20	3100343	TAS
2-Chlorophenol	ND	10	4.0	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 14:20	3100343	TAS
4-Chlorophenyl phenyl ether	ND	10	3.0	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 14:20	3100343	TAS
Chrysene	ND	10	2.9	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 14:20	3100343	TAS
Dibenzo(a,h)anthracene	ND	10	3.3	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 14:20	3100343	TAS
Dibenzofuran	ND	10	3.1	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 14:20	3100343	TAS
1,2-Dichlorobenzene	ND	10	3.3	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 14:20	3100343	TAS
1,3-Dichlorobenzene	ND	10	2.8	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 14:20	3100343	TAS
1,4-Dichlorobenzene	ND	10	3.0	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 14:20	3100343	TAS
3,3´-Dichlorobenzidine	ND	20	2.9	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 14:20	3100343	TAS
2,4-Dichlorophenol	ND	10	4.0	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 14:20	3100343	TAS
Diethyl phthalate	ND	10	2.8	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 14:20	3100343	TAS
2,4-Dimethylphenol	ND	10	4.7	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 14:20	3100343	TAS
Dimethyl phthalate	ND	10	3.0	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 14:20	3100343	TAS

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

Attention: Mr. Bob Schoepke

October 18, 2013

Report No.: AWJ0393
Client ID: MW-3-100913
Date/Time Sampled: 10/9/2013 10:47:00AM
Matrix: Ground Water

Project: Tampa, FL
Lab Number ID: AWJ0393-02
Date/Time Received: 10/10/2013 9:55:00AM

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	4.3	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 14:20	3100343	TAS
2,4-Dinitrophenol	ND	50	4.3	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 14:20	3100343	TAS
2,4-Dinitrotoluene	ND	20	3.4	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 14:20	3100343	TAS
2,6-Dinitrotoluene	ND	20	3.3	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 14:20	3100343	TAS
Bis(2-ethylhexyl)phthalate	ND	10	3.5	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 14:20	3100343	TAS
Fluoranthene	ND	10	3.1	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 14:20	3100343	TAS
Fluorene	ND	10	3.0	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 14:20	3100343	TAS
Hexachlorobenzene	ND	10	3.3	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 14:20	3100343	TAS
Hexachlorobutadiene	ND	10	3.0	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 14:20	3100343	TAS
Hexachlorocyclopentadiene	ND	10	3.8	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 14:20	3100343	TAS
Hexachloroethane	ND	10	3.8	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 14:20	3100343	TAS
Indeno(1,2,3-cd)pyrene	ND	10	3.4	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 14:20	3100343	TAS
Isophorone	ND	10	4.1	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 14:20	3100343	TAS
2-Methylnaphthalene	ND	10	4.2	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 14:20	3100343	TAS
2-Methylphenol (o-cresol)	ND	10	3.5	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 14:20	3100343	TAS
3+4-Methylphenol (m+p-cresol)	ND	10	3.1	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 14:20	3100343	TAS
Naphthalene	ND	10	3.2	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 14:20	3100343	TAS
2-Nitroaniline	ND	50	2.6	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 14:20	3100343	TAS
3-Nitroaniline	ND	50	3.3	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 14:20	3100343	TAS
4-Nitroaniline	ND	50	3.8	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 14:20	3100343	TAS
Nitrobenzene	ND	10	4.0	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 14:20	3100343	TAS
2-Nitrophenol	ND	50	3.5	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 14:20	3100343	TAS
4-Nitrophenol	ND	50	1.8	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 14:20	3100343	TAS
N-Nitrosodimethylamine	ND	10	1.1	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 14:20	3100343	TAS
N-Nitrosodiphenylamine/Diphenylamine	ND	10	3.1	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 14:20	3100343	TAS
N-Nitrosodi-n-propylamine	ND	10	5.5	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 14:20	3100343	TAS
Di-n-octyl phthalate	ND	10	3.6	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 14:20	3100343	TAS
Pentachlorophenol	ND	20	4.0	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 14:20	3100343	TAS
Phenanthrene	ND	10	2.3	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 14:20	3100343	TAS
Phenol	ND	10	1.9	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 14:20	3100343	TAS
Pyrene	ND	10	3.0	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 14:20	3100343	TAS
1,2,4-Trichlorobenzene	ND	10	3.9	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 14:20	3100343	TAS

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

Attention: Mr. Bob Schoepke

October 18, 2013

Report No.: AWJ0393
Client ID: MW-3-100913
Date/Time Sampled: 10/9/2013 10:47:00AM
Matrix: Ground Water

Project: Tampa, FL
Lab Number ID: AWJ0393-02
Date/Time Received: 10/10/2013 9:55:00AM

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	3.8	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 14:20	3100343	TAS
2,4,6-Trichlorophenol	ND	10	3.4	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 14:20	3100343	TAS
Surrogate: 2-Fluorophenol	*38 %*		*10-88*		*EPA 8270D*			10/14/13 09:00	10/16/13 14:20	*3100343*	
Surrogate: Phenol-d6	*31 %*		*10-61*		*EPA 8270D*			10/14/13 09:00	10/16/13 14:20	*3100343*	
Surrogate: Nitrobenzene-d5	*57 %*		*28-109*		*EPA 8270D*			10/14/13 09:00	10/16/13 14:20	*3100343*	
Surrogate: 2-Fluorobiphenyl	*70 %*		*38-112*		*EPA 8270D*			10/14/13 09:00	10/16/13 14:20	*3100343*	
Surrogate: 2,4,6-Tribromophenol	*80 %*		*10-165*		*EPA 8270D*			10/14/13 09:00	10/16/13 14:20	*3100343*	
Surrogate: p-Terphenyl-dl4	*92 %*		*10-142*		*EPA 8270D*			10/14/13 09:00	10/16/13 14:20	*3100343*	

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1502 E. Villa Street
Elgin IL, 60120

Attention: Mr. Bob Schoepke

October 18, 2013

Report No.: AWJ0393
Client ID: MW-2-100913
Date/Time Sampled: 10/9/2013 12:21:00PM
Matrix: Ground Water

Project: Tampa, FL
Lab Number ID: AWJ0393-03
Date/Time Received: 10/10/2013 9:55:00AM

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Semivolatile Organic Compounds by EPA 8270											
Acenaphthene	ND	10	3.2	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 13:34	3100343	TAS
Acenaphthylene	ND	10	3.2	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 13:34	3100343	TAS
Anthracene	ND	10	2.5	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 13:34	3100343	TAS
Benzo(a)anthracene	ND	10	2.7	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 13:34	3100343	TAS
Benzo(a)pyrene	ND	10	2.7	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 13:34	3100343	TAS
Benzo(b)fluoranthene	ND	10	3.0	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 13:34	3100343	TAS
Benzo(ghi)perylene	ND	10	3.0	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 13:34	3100343	TAS
Benzo(k)fluoranthene	ND	10	3.8	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 13:34	3100343	TAS
Benzoic acid	ND	50	1.4	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 13:34	3100343	TAS
Benzyl alcohol	ND	20	3.4	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 13:34	3100343	TAS
Benzyl butyl phthalate	ND	10	3.4	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 13:34	3100343	TAS
4-Bromophenyl phenyl ether	ND	10	3.8	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 13:34	3100343	TAS
Di-n-butyl phthalate	ND	10	3.2	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 13:34	3100343	TAS
4-Chloroaniline	ND	20	3.5	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 13:34	3100343	TAS
Bis(2-chloroethoxy)methane	ND	10	4.5	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 13:34	3100343	TAS
Bis(2-chloroethyl)ether	ND	10	4.0	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 13:34	3100343	TAS
Bis(2-chloroisopropyl)ether	ND	10	3.5	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 13:34	3100343	TAS
4-Chloro-3-methylphenol	ND	10	3.0	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 13:34	3100343	TAS
2-Chloronaphthalene	ND	10	3.6	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 13:34	3100343	TAS
2-Chlorophenol	ND	10	4.0	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 13:34	3100343	TAS
4-Chlorophenyl phenyl ether	ND	10	3.0	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 13:34	3100343	TAS
Chrysene	ND	10	2.9	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 13:34	3100343	TAS
Dibenzo(a,h)anthracene	ND	10	3.3	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 13:34	3100343	TAS
Dibenzofuran	ND	10	3.1	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 13:34	3100343	TAS
1,2-Dichlorobenzene	ND	10	3.3	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 13:34	3100343	TAS
1,3-Dichlorobenzene	ND	10	2.8	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 13:34	3100343	TAS
1,4-Dichlorobenzene	7.7	10	3.0	ug/L	EPA 8270D	J	1	10/14/13 09:00	10/16/13 13:34	3100343	TAS
3,3´-Dichlorobenzidine	ND	20	2.9	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 13:34	3100343	TAS
2,4-Dichlorophenol	ND	10	4.0	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 13:34	3100343	TAS
Diethyl phthalate	5.3	10	2.8	ug/L	EPA 8270D	J	1	10/14/13 09:00	10/16/13 13:34	3100343	TAS
2,4-Dimethylphenol	ND	10	4.7	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 13:34	3100343	TAS
Dimethyl phthalate	ND	10	3.0	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 13:34	3100343	TAS

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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

October 18, 2013

Report No.: AWJ0393
Client ID: MW-2-100913
Date/Time Sampled: 10/9/2013 12:21:00PM
Matrix: Ground Water

Project: Tampa, FL
Lab Number ID: AWJ0393-03
Date/Time Received: 10/10/2013 9:55:00AM

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	4.3	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 13:34	3100343	TAS
2,4-Dinitrophenol	ND	50	4.3	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 13:34	3100343	TAS
2,4-Dinitrotoluene	ND	20	3.4	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 13:34	3100343	TAS
2,6-Dinitrotoluene	ND	20	3.3	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 13:34	3100343	TAS
Bis(2-ethylhexyl)phthalate	ND	10	3.5	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 13:34	3100343	TAS
Fluoranthene	ND	10	3.1	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 13:34	3100343	TAS
Fluorene	ND	10	3.0	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 13:34	3100343	TAS
Hexachlorobenzene	ND	10	3.3	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 13:34	3100343	TAS
Hexachlorobutadiene	ND	10	3.0	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 13:34	3100343	TAS
Hexachlorocyclopentadiene	ND	10	3.8	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 13:34	3100343	TAS
Hexachloroethane	ND	10	3.8	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 13:34	3100343	TAS
Indeno(1,2,3-cd)pyrene	ND	10	3.4	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 13:34	3100343	TAS
Isophorone	ND	10	4.1	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 13:34	3100343	TAS
2-Methylnaphthalene	ND	10	4.2	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 13:34	3100343	TAS
2-Methylphenol (o-cresol)	ND	10	3.5	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 13:34	3100343	TAS
3+4-Methylphenol (m+p-cresol)	ND	10	3.1	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 13:34	3100343	TAS
Naphthalene	ND	10	3.2	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 13:34	3100343	TAS
2-Nitroaniline	ND	50	2.6	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 13:34	3100343	TAS
3-Nitroaniline	ND	50	3.3	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 13:34	3100343	TAS
4-Nitroaniline	ND	50	3.8	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 13:34	3100343	TAS
Nitrobenzene	ND	10	4.0	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 13:34	3100343	TAS
2-Nitrophenol	ND	50	3.5	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 13:34	3100343	TAS
4-Nitrophenol	ND	50	1.8	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 13:34	3100343	TAS
N-Nitrosodimethylamine	ND	10	1.1	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 13:34	3100343	TAS
N-Nitrosodiphenylamine/Diphenylamine	ND	10	3.1	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 13:34	3100343	TAS
N-Nitrosodi-n-propylamine	ND	10	5.5	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 13:34	3100343	TAS
Di-n-octyl phthalate	ND	10	3.6	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 13:34	3100343	TAS
Pentachlorophenol	ND	20	4.0	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 13:34	3100343	TAS
Phenanthrene	ND	10	2.3	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 13:34	3100343	TAS
Phenol	ND	10	1.9	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 13:34	3100343	TAS
Pyrene	ND	10	3.0	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 13:34	3100343	TAS
1,2,4-Trichlorobenzene	ND	10	3.9	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 13:34	3100343	TAS

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

Attention: Mr. Bob Schoepke

October 18, 2013

Report No.: AWJ0393
Client ID: MW-2-100913
Date/Time Sampled: 10/9/2013 12:21:00PM
Matrix: Ground Water

Project: Tampa, FL
Lab Number ID: AWJ0393-03
Date/Time Received: 10/10/2013 9:55:00AM

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	3.8	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 13:34	3100343	TAS
2,4,6-Trichlorophenol	ND	10	3.4	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 13:34	3100343	TAS
Surrogate: 2-Fluorophenol	*29 %*		*10-88*		*EPA 8270D*			10/14/13 09:00	10/16/13 13:34	*3100343*	
Surrogate: Phenol-d6	*25 %*		*10-61*		*EPA 8270D*			10/14/13 09:00	10/16/13 13:34	*3100343*	
Surrogate: Nitrobenzene-d5	*47 %*		*28-109*		*EPA 8270D*			10/14/13 09:00	10/16/13 13:34	*3100343*	
Surrogate: 2-Fluorobiphenyl	*62 %*		*38-112*		*EPA 8270D*			10/14/13 09:00	10/16/13 13:34	*3100343*	
Surrogate: 2,4,6-Tribromophenol	*75 %*		*10-165*		*EPA 8270D*			10/14/13 09:00	10/16/13 13:34	*3100343*	
Surrogate: p-Terphenyl-dl4	*80 %*		*10-142*		*EPA 8270D*			10/14/13 09:00	10/16/13 13:34	*3100343*	

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Elgin IL, 60120

Attention: Mr. Bob Schoepke

October 18, 2013

Report No.: AWJ0393
Client ID: MW-4-100913
Date/Time Sampled: 10/9/2013 11:33:00AM
Matrix: Ground Water

Project: Tampa, FL
Lab Number ID: AWJ0393-04
Date/Time Received: 10/10/2013 9:55:00AM

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Semivolatile Organic Compounds by EPA 8270											
Acenaphthene	ND	10	3.2	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 14:43	3100343	TAS
Acenaphthylene	ND	10	3.2	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 14:43	3100343	TAS
Anthracene	ND	10	2.5	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 14:43	3100343	TAS
Benzo(a)anthracene	ND	10	2.7	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 14:43	3100343	TAS
Benzo(a)pyrene	ND	10	2.7	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 14:43	3100343	TAS
Benzo(b)fluoranthene	ND	10	3.0	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 14:43	3100343	TAS
Benzo(ghi)perylene	ND	10	3.0	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 14:43	3100343	TAS
Benzo(k)fluoranthene	ND	10	3.8	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 14:43	3100343	TAS
Benzoic acid	ND	50	1.4	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 14:43	3100343	TAS
Benzyl alcohol	ND	20	3.4	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 14:43	3100343	TAS
Benzyl butyl phthalate	ND	10	3.4	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 14:43	3100343	TAS
4-Bromophenyl phenyl ether	ND	10	3.8	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 14:43	3100343	TAS
Di-n-butyl phthalate	ND	10	3.2	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 14:43	3100343	TAS
4-Chloroaniline	ND	20	3.5	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 14:43	3100343	TAS
Bis(2-chloroethoxy)methane	ND	10	4.5	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 14:43	3100343	TAS
Bis(2-chloroethyl)ether	ND	10	4.0	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 14:43	3100343	TAS
Bis(2-chloroisopropyl)ether	ND	10	3.5	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 14:43	3100343	TAS
4-Chloro-3-methylphenol	ND	10	3.0	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 14:43	3100343	TAS
2-Chloronaphthalene	ND	10	3.6	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 14:43	3100343	TAS
2-Chlorophenol	ND	10	4.0	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 14:43	3100343	TAS
4-Chlorophenyl phenyl ether	ND	10	3.0	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 14:43	3100343	TAS
Chrysene	ND	10	2.9	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 14:43	3100343	TAS
Dibenzo(a,h)anthracene	ND	10	3.3	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 14:43	3100343	TAS
Dibenzofuran	ND	10	3.1	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 14:43	3100343	TAS
1,2-Dichlorobenzene	ND	10	3.3	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 14:43	3100343	TAS
1,3-Dichlorobenzene	ND	10	2.8	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 14:43	3100343	TAS
1,4-Dichlorobenzene	ND	10	3.0	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 14:43	3100343	TAS
3,3´-Dichlorobenzidine	ND	20	2.9	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 14:43	3100343	TAS
2,4-Dichlorophenol	ND	10	4.0	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 14:43	3100343	TAS
Diethyl phthalate	ND	10	2.8	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 14:43	3100343	TAS
2,4-Dimethylphenol	ND	10	4.7	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 14:43	3100343	TAS
Dimethyl phthalate	ND	10	3.0	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 14:43	3100343	TAS

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Attention: Mr. Bob Schoepke

October 18, 2013

Report No.: AWJ0393
Client ID: MW-4-100913
Date/Time Sampled: 10/9/2013 11:33:00AM
Matrix: Ground Water

Project: Tampa, FL
Lab Number ID: AWJ0393-04
Date/Time Received: 10/10/2013 9:55:00AM

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	4.3	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 14:43	3100343	TAS
2,4-Dinitrophenol	ND	50	4.3	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 14:43	3100343	TAS
2,4-Dinitrotoluene	ND	20	3.4	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 14:43	3100343	TAS
2,6-Dinitrotoluene	ND	20	3.3	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 14:43	3100343	TAS
Bis(2-ethylhexyl)phthalate	ND	10	3.5	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 14:43	3100343	TAS
Fluoranthene	ND	10	3.1	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 14:43	3100343	TAS
Fluorene	ND	10	3.0	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 14:43	3100343	TAS
Hexachlorobenzene	ND	10	3.3	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 14:43	3100343	TAS
Hexachlorobutadiene	ND	10	3.0	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 14:43	3100343	TAS
Hexachlorocyclopentadiene	ND	10	3.8	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 14:43	3100343	TAS
Hexachloroethane	ND	10	3.8	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 14:43	3100343	TAS
Indeno(1,2,3-cd)pyrene	ND	10	3.4	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 14:43	3100343	TAS
Isophorone	ND	10	4.1	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 14:43	3100343	TAS
2-Methylnaphthalene	ND	10	4.2	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 14:43	3100343	TAS
2-Methylphenol (o-cresol)	ND	10	3.5	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 14:43	3100343	TAS
3+4-Methylphenol (m+p-cresol)	ND	10	3.1	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 14:43	3100343	TAS
Naphthalene	ND	10	3.2	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 14:43	3100343	TAS
2-Nitroaniline	ND	50	2.6	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 14:43	3100343	TAS
3-Nitroaniline	ND	50	3.3	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 14:43	3100343	TAS
4-Nitroaniline	ND	50	3.8	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 14:43	3100343	TAS
Nitrobenzene	ND	10	4.0	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 14:43	3100343	TAS
2-Nitrophenol	ND	50	3.5	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 14:43	3100343	TAS
4-Nitrophenol	ND	50	1.8	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 14:43	3100343	TAS
N-Nitrosodimethylamine	ND	10	1.1	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 14:43	3100343	TAS
N-Nitrosodiphenylamine/Diphenylamine	ND	10	3.1	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 14:43	3100343	TAS
N-Nitrosodi-n-propylamine	ND	10	5.5	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 14:43	3100343	TAS
Di-n-octyl phthalate	ND	10	3.6	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 14:43	3100343	TAS
Pentachlorophenol	ND	20	4.0	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 14:43	3100343	TAS
Phenanthrene	ND	10	2.3	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 14:43	3100343	TAS
Phenol	ND	10	1.9	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 14:43	3100343	TAS
Pyrene	ND	10	3.0	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 14:43	3100343	TAS
1,2,4-Trichlorobenzene	ND	10	3.9	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 14:43	3100343	TAS

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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

October 18, 2013

Report No.: AWJ0393
Client ID: MW-4-100913
Date/Time Sampled: 10/9/2013 11:33:00AM
Matrix: Ground Water

Project: Tampa, FL
Lab Number ID: AWJ0393-04
Date/Time Received: 10/10/2013 9:55:00AM

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	3.8	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 14:43	3100343	TAS
2,4,6-Trichlorophenol	ND	10	3.4	ug/L	EPA 8270D		1	10/14/13 09:00	10/16/13 14:43	3100343	TAS
Surrogate: 2-Fluorophenol	*34 %*		*10-88*		*EPA 8270D*			10/14/13 09:00	10/16/13 14:43	*3100343*	
Surrogate: Phenol-d6	*28 %*		*10-61*		*EPA 8270D*			10/14/13 09:00	10/16/13 14:43	*3100343*	
Surrogate: Nitrobenzene-d5	*47 %*		*28-109*		*EPA 8270D*			10/14/13 09:00	10/16/13 14:43	*3100343*	
Surrogate: 2-Fluorobiphenyl	*62 %*		*38-112*		*EPA 8270D*			10/14/13 09:00	10/16/13 14:43	*3100343*	
Surrogate: 2,4,6-Tribromophenol	*70 %*		*10-165*		*EPA 8270D*			10/14/13 09:00	10/16/13 14:43	*3100343*	
Surrogate: p-Terphenyl-dl4	*74 %*		*10-142*		*EPA 8270D*			10/14/13 09:00	10/16/13 14:43	*3100343*	

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Attention: Mr. Bob Schoepke

October 18, 2013

Report No.: AWJ0393

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 3100343 - EPA 3510C											
Blank (3100343-BLK1)						Prepared: 10/14/13 Analyzed: 10/16/13					
Acenaphthene	ND	10	3.2	ug/L							
Acenaphthylene	ND	10	3.2	ug/L							
Anthracene	ND	10	2.5	ug/L							
Benzo(a)anthracene	ND	10	2.7	ug/L							
Benzo(a)pyrene	ND	10	2.7	ug/L							
Benzo(b)fluoranthene	ND	10	3.0	ug/L							
Benzo(ghi)perylene	ND	10	3.0	ug/L							
Benzo(k)fluoranthene	ND	10	3.8	ug/L							
Benzoic acid	ND	50	1.4	ug/L							
Benzyl alcohol	ND	20	3.4	ug/L							
Benzyl butyl phthalate	ND	10	3.4	ug/L							
4-Bromophenyl phenyl ether	ND	10	3.8	ug/L							
Di-n-butyl phthalate	ND	10	3.2	ug/L							
4-Chloroaniline	ND	20	3.5	ug/L							
Bis(2-chloroethoxy)methane	ND	10	4.5	ug/L							
Bis(2-chloroethyl)ether	ND	10	4.0	ug/L							
Bis(2-chloroisopropyl)ether	ND	10	3.5	ug/L							
4-Chloro-3-methylphenol	ND	10	3.0	ug/L							
2-Chloronaphthalene	ND	10	3.6	ug/L							
2-Chlorophenol	ND	10	4.0	ug/L							
4-Chlorophenyl phenyl ether	ND	10	3.0	ug/L							
Chrysene	ND	10	2.9	ug/L							
Dibenzo(a,h)anthracene	ND	10	3.3	ug/L							
Dibenzofuran	ND	10	3.1	ug/L							
1,2-Dichlorobenzene	ND	10	3.3	ug/L							
1,3-Dichlorobenzene	ND	10	2.8	ug/L							
1,4-Dichlorobenzene	ND	10	3.0	ug/L							
3,3´-Dichlorobenzidine	ND	20	2.9	ug/L							
2,4-Dichlorophenol	ND	10	4.0	ug/L							
Diethyl phthalate	ND	10	2.8	ug/L							
2,4-Dimethylphenol	ND	10	4.7	ug/L							
Dimethyl phthalate	ND	10	3.0	ug/L							
4,6-Dinitro-2-methylphenol	ND	50	4.3	ug/L							
2,4-Dinitrophenol	ND	50	4.3	ug/L							
2,4-Dinitrotoluene	ND	20	3.4	ug/L							
2,6-Dinitrotoluene	ND	20	3.3	ug/L							
Bis(2-ethylhexyl)phthalate	ND	10	3.5	ug/L							
Fluoranthene	ND	10	3.1	ug/L							
Fluorene	ND	10	3.0	ug/L							

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Attention: Mr. Bob Schoepke

October 18, 2013

Report No.: AWJ0393

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 3100343 - EPA 3510C											
Blank (3100343-BLK1)						Prepared: 10/14/13 Analyzed: 10/16/13					
Hexachlorobenzene	ND	10	3.3	ug/L							
Hexachlorobutadiene	ND	10	3.0	ug/L							
Hexachlorocyclopentadiene	ND	10	3.8	ug/L							
Hexachloroethane	ND	10	3.8	ug/L							
Indeno(1,2,3-cd)pyrene	ND	10	3.4	ug/L							
Isophorone	ND	10	4.1	ug/L							
2-Methylnaphthalene	ND	10	4.2	ug/L							
2-Methylphenol (o-cresol)	ND	10	3.5	ug/L							
3+4-Methylphenol (m+p-cresol)	ND	10	3.1	ug/L							
Naphthalene	ND	10	3.2	ug/L							
2-Nitroaniline	ND	50	2.6	ug/L							
3-Nitroaniline	ND	50	3.3	ug/L							
4-Nitroaniline	ND	50	3.8	ug/L							
Nitrobenzene	ND	10	4.0	ug/L							
2-Nitrophenol	ND	50	3.5	ug/L							
4-Nitrophenol	ND	50	1.8	ug/L							
N-Nitrosodimethylamine	ND	10	1.1	ug/L							
N-Nitrosodiphenylamine/Diphenylamine	ND	10	3.1	ug/L							
N-Nitrosodi-n-propylamine	ND	10	5.5	ug/L							
Di-n-octyl phthalate	ND	10	3.6	ug/L							
Pentachlorophenol	ND	20	4.0	ug/L							
Phenanthrene	ND	10	2.3	ug/L							
Phenol	ND	10	1.9	ug/L							
Pyrene	ND	10	3.0	ug/L							
1,2,4-Trichlorobenzene	ND	10	3.9	ug/L							
2,4,5-Trichlorophenol	ND	10	3.8	ug/L							
2,4,6-Trichlorophenol	ND	10	3.4	ug/L							
Surrogate: 2-Fluorophenol	*44*			*ug/L*	*100.00*		*44*	*10-88*			
Surrogate: Phenol-d6	*28*			*ug/L*	*100.00*		*28*	*10-61*			
Surrogate: Nitrobenzene-d5	*35*			*ug/L*	*50.000*		*70*	*28-109*			
Surrogate: 2-Fluorobiphenyl	*40*			*ug/L*	*50.000*		*80*	*38-112*			
Surrogate: 2,4,6-Tribromophenol	*80*			*ug/L*	*100.00*		*80*	*10-165*			
Surrogate: p-Terphenyl-dl4	*54*			*ug/L*	*50.000*		*108*	*10-142*			

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Attention: Mr. Bob Schoepke

October 18, 2013

Report No.: AWJ0393

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 3100343 - EPA 3510C											
LCS (3100343-BS1)						Prepared: 10/14/13 Analyzed: 10/16/13					
Acenaphthene	41	10	3.2	ug/L	50.000		83	44-115			
4-Chloro-3-methylphenol	78	10	3.0	ug/L	100.00		78	38-123			
2-Chlorophenol	69	10	4.0	ug/L	100.00		69	35-111			
1,4-Dichlorobenzene	33	10	3.0	ug/L	50.000		67	37-94			
2,4-Dinitrotoluene	44	20	3.4	ug/L	50.000		87	28-118			
4-Nitrophenol	24	50	1.8	ug/L	100.00		24	10-52			J
N-Nitrosodi-n-propylamine	39	10	5.5	ug/L	50.000		79	40-110			
Pentachlorophenol	68	20	4.0	ug/L	100.00		68	31-134			
Phenol	29	10	1.9	ug/L	100.00		29	13-47			
Pyrene	52	10	3.0	ug/L	50.000		103	48-136			
1,2,4-Trichlorobenzene	36	10	3.9	ug/L	50.000		71	37-103			
Surrogate: 2-Fluorophenol	*22*			*ug/L*	*100.00*		*22*	*10-88*			
Surrogate: Phenol-d6	*28*			*ug/L*	*100.00*		*28*	*10-61*			
Surrogate: Nitrobenzene-d5	*36*			*ug/L*	*50.000*		*72*	*28-109*			
Surrogate: 2-Fluorobiphenyl	*43*			*ug/L*	*50.000*		*85*	*38-112*			
Surrogate: 2,4,6-Tribromophenol	*86*			*ug/L*	*100.00*		*86*	*10-165*			
Surrogate: p-Terphenyl-dl4	*56*			*ug/L*	*50.000*		*113*	*10-142*			
Matrix Spike (3100343-MS1)		**Source: AWJ0393-03**				Prepared: 10/14/13 Analyzed: 10/16/13					
Acenaphthene	34	10	3.2	ug/L	50.000	ND	68	48-108			
4-Chloro-3-methylphenol	78	10	3.0	ug/L	100.00	ND	78	36-124			
2-Chlorophenol	45	10	4.0	ug/L	100.00	ND	45	42-105			
1,4-Dichlorobenzene	26	10	3.0	ug/L	50.000	7.7	37	39-90			QM-05
2,4-Dinitrotoluene	39	20	3.4	ug/L	50.000	ND	79	29-119			
4-Nitrophenol	41	50	1.8	ug/L	100.00	ND	41	10-53			J
N-Nitrosodi-n-propylamine	27	10	5.5	ug/L	50.000	ND	53	41-106			
Pentachlorophenol	76	20	4.0	ug/L	100.00	ND	76	42-137			
Phenol	26	10	1.9	ug/L	100.00	ND	26	14-43			
Pyrene	41	10	3.0	ug/L	50.000	ND	82	51-131			
1,2,4-Trichlorobenzene	23	10	3.9	ug/L	50.000	ND	45	40-99			
Surrogate: 2-Fluorophenol	*29*			*ug/L*	*100.00*		*29*	*10-88*			
Surrogate: Phenol-d6	*25*			*ug/L*	*100.00*		*25*	*10-61*			
Surrogate: Nitrobenzene-d5	*24*			*ug/L*	*50.000*		*47*	*28-109*			
Surrogate: 2-Fluorobiphenyl	*31*			*ug/L*	*50.000*		*62*	*38-112*			
Surrogate: 2,4,6-Tribromophenol	*81*			*ug/L*	*100.00*		*81*	*10-165*			
Surrogate: p-Terphenyl-dl4	*43*			*ug/L*	*50.000*		*86*	*10-142*			

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

Attention: Mr. Bob Schoepke

October 18, 2013

Report No.: AWJ0393

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 3100343 - EPA 3510C											
Matrix Spike Dup (3100343-MSD1)		**Source: AWJ0393-03**				Prepared: 10/14/13 Analyzed: 10/16/13					
Acenaphthene	30	10	3.2	ug/L	50.000	ND	60	48-108	12	35	
4-Chloro-3-methylphenol	61	10	3.0	ug/L	100.00	ND	61	36-124	25	31	
2-Chlorophenol	40	10	4.0	ug/L	100.00	ND	40	42-105	12	36	QM-05
1,4-Dichlorobenzene	26	10	3.0	ug/L	50.000	7.7	36	39-90	3	35	QM-05
2,4-Dinitrotoluene	33	20	3.4	ug/L	50.000	ND	66	29-119	18	39	
4-Nitrophenol	24	50	1.8	ug/L	100.00	ND	24	10-53	50	34	QR-03, J
N-Nitrosodi-n-propylamine	25	10	5.5	ug/L	50.000	ND	50	41-106	6	36	
Pentachlorophenol	56	20	4.0	ug/L	100.00	ND	56	42-137	30	38	
Phenol	23	10	1.9	ug/L	100.00	ND	23	14-43	12	38	
Pyrene	37	10	3.0	ug/L	50.000	ND	74	51-131	9	27	
1,2,4-Trichlorobenzene	20	10	3.9	ug/L	50.000	ND	41	40-99	11	35	
Surrogate: 2-Fluorophenol	*25*			*ug/L*	*100.00*		*25*	*10-88*			
Surrogate: Phenol-d6	*21*			*ug/L*	*100.00*		*21*	*10-61*			
Surrogate: Nitrobenzene-d5	*21*			*ug/L*	*50.000*		*43*	*28-109*			
Surrogate: 2-Fluorobiphenyl	*28*			*ug/L*	*50.000*		*56*	*38-112*			
Surrogate: 2,4,6-Tribromophenol	*66*			*ug/L*	*100.00*		*66*	*10-165*			
Surrogate: p-Terphenyl-dl4	*38*			*ug/L*	*50.000*		*75*	*10-142*			

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October 18, 2013

Laboratory Certifications

Code	Description	Number	Expires
LA	Louisiana	02069	06/30/2014
NC	North Carolina	381	12/31/2013
NELAC	FL DOH (Non-Pot. Water, Solids) Eff:: 07/01/2012	E87315	06/30/2014
SC	South Carolina	98011001	06/30/2014
TX	Texas	T104704397-08-TX	03/31/2014
VA	Virginia	1340	12/14/2013

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October 18, 2013

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-Nitrososdiphenylamine. ASI is not NELAC certified for N-Nitrososdiphenylamine.

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-05 The spike recovery was outside acceptance limits for the MS and/or MSD and/or PDS due to suspected matrix interference. Sample results for the QC batch were accepted based on acceptable LCS recoveries.

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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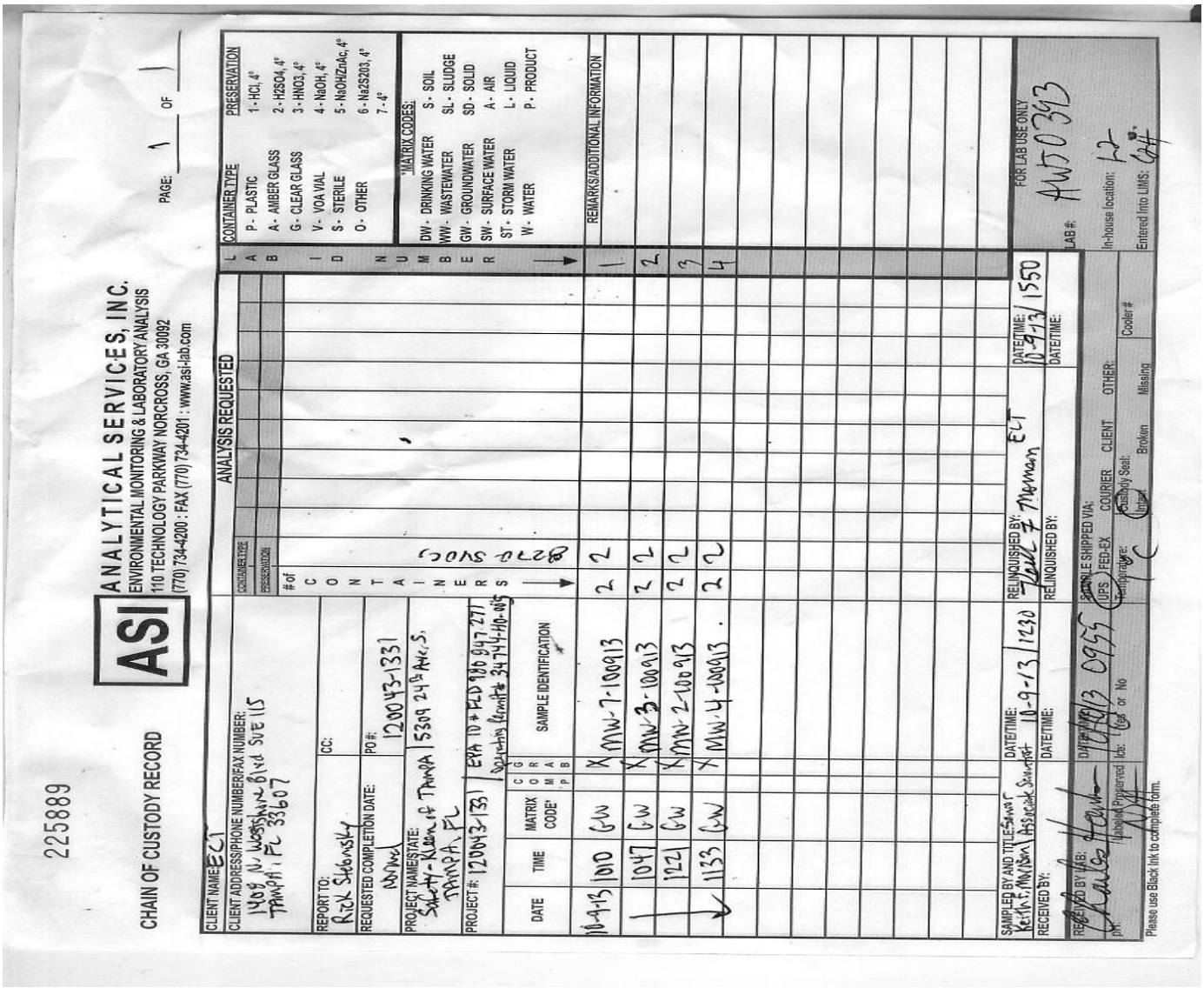
Attention: Mr. Bob Schoepke

October 18, 2013



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

LOG-IN CHECKLIST **Printed: 10/18/2013 2:43:44PM**

Attn: Mr. Bob Schoepke

Client: Safety-Kleen Corporation - Elgin
Project: Tampa, FL
Date Received: 10/10/13 09:55

Work Order: AWJ0393
Logged In By: Charles Hawks

OBSERVATIONS

#Samples: 4 **#Containers:** 8

Minimum Temp(C): 1.0 **Maximum Temp(C):** 1.0 **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: