

**SITE ASSESSMENT REPORT
SAFETY KLEEN SYSTEMS, INC.
5309 24TH AVENUE SOUTH
TAMPA, FLORIDA
EPA ID NO. FLD 980 847 271**

PREPARED FOR:



**SAFETY-KLEEN SYSTEMS, INC.
1502 E. Villa, 2nd Floor
Elgin, Illinois 60120**

PREPARED BY:



Environmental Consulting & Technology, Inc.

**1408 North Westshore Boulevard
Suite 115
Tampa, Florida 33607
(813) 289-9338**

**120043-0100
AUGUST 2012**



Environmental Consulting & Technology, Inc.

August 29, 2012
120043-0100

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
Site Assessment Report

Dear Mr. Russell:

On behalf of Safety-Kleen Systems, Inc. (S-K), Environmental Consulting & Technology, Inc. (ECT) submits this Site Assessment Report (SAR) for the referenced facility in accordance with Rule 62-730.225 and Chapter 62-780, F.A.C., and Specific Condition V.5 of the referenced RCRA permit. Enclosed are two hard copies and one electronic copy (CD), per permit Condition I.16 and per subsection 62-780.600(7), F.A.C.

This SAR is related to site assessment actions implemented in accordance the RCRA permit Appendix A part A.1 for Solid Waste Management Unit 21 (SWMU-21).

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

Enclosure: SAR

cc: Hazardous Waste Supervisor, FDEP Temple Terrace, Florida (hard copy)
Bob Schoepke, Safety-Kleen (CD)
Branch File, c/o John Walters, Safety-Kleen Facility Manager (hard copy and CD)
Jeff Curtis, Safety-Kleen – Compliance (CD)
Keith Morrison, ECT (CD)

1408 North Westshore
Blvd., Suite 115
Tampa, FL
33607

(813)
289-9338

FAX (813)
289-9388

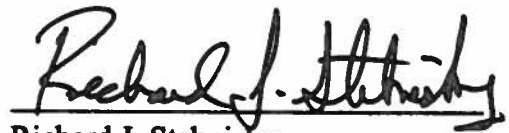
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PROFESSIONAL CERTIFICATION

The technical contents of this Site Assessment Report for the Florida Department of Environmental Protection (FDEP) facility No. FLD 980 847 271, Safety-Kleen Systems, Inc., Tampa, Florida site represent our professional interpretations and are arrived at in accordance with generally accepted hydrogeologic practices. The findings and results of this report are for the sole use and benefit of the FDEP and Safety-Kleen Systems, Inc. Utilization of this report by other parties is at their risk, and Environmental Consulting & Technology, Inc. is not liable for consequences or damages extending therefrom.

I certify that geological interpretations in this report have been produced by me and staff under my supervision.



Richard J. Stebnisky
Florida License No. PG 1177

8-29-12

Date

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1 INTRODUCTION AND OBJECTIVES

Environmental Consulting & Technology, Inc. (ECT) was retained by Safety-Kleen Systems, Inc. (S-K) to conduct a site assessment (SA) at the Safety-Kleen Tampa facility located at 5309 24th Avenue South, Tampa, Hillsborough County, Florida.

This SA was conducted pursuant to Rule 62-780.600 of the Florida Administrative Code (F.A.C.), and Condition V.5 in S-K's hazardous waste facility operating permit number 34744-HO-007. That permit condition relates to investigation of releases from solid waste management units (SWMUs) or Areas of Concern (AOCs).

The main objectives of this site assessment report (SAR) are to present information regarding SA activities and other relevant conditions related to a release from the onsite septic tank, and to do so in a manner consistent with Rule 62-780.600(8), F.A.C. The facility permit defines SWMU-21 as the "Septic Tank and Drainfield". Appendix A in the facility permit identifies SWMU-21 as "requiring Confirmatory Sampling". Specifically, this SAR addresses the investigation of impacts located in the immediate vicinity of SWMU-21.

This SAR provides 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. This report presents the methods and results of the SA, and summarizes conclusions and recommendations in accordance with Rule 62-780.600(8)(b).

2 FACILITY OVERVIEW

Safety-Kleen Systems, Inc. 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 2.1 is a regional location map, illustrating the regional setting of the facility. Figure 2.2 is a site vicinity map. Figure 2.3 is a map of the facility, which includes the location of the septic tank and drain field (SWMU-21). Figure 2.4 is map showing the locations of hazardous waste storage areas at the facility.

The following information (in italics) is derived from the facility operating permit (pages 1 to 4), which describes the types of wastes and the waste storage areas at the facility:

This permit will authorize the Permittee to operate a hazardous waste container and tank storage facility at the Safety-Kleen Branch Service Center located at 5309 24th Avenue South in Tampa, Hillsborough County, Florida. A diagram of the site layout is included Attachment I. (i.e., Figure 4.1 in this SAR)

Wastes accepted and stored at this facility are as follows:

- *D001, D004-D011, D018-D019, D021-D030, D032-D043*
- *F001-F005*
- *Fluid Recovery Service Wastes (waste codes assigned by the generator)*

A. Resource Conservation and Recovery Act (RCRA) permitted units.

This facility operates the following permitted hazardous waste management units:

1. North Storage Building

This hazardous waste container storage building has dimensions of approximately 30 feet by 29.5 feet. The layout of the building is shown in Attachment II (Nonflammable Storage Area). The building is designed to store a maximum volume of 5,200 gallons (equivalent to 95 55-gallon drums). The building has a concrete floor and collection trenches to provide secondary containment. This area is not being used to store Hazardous Waste at the present time and the facility will notify the Department prior to using the area to store Hazardous Waste.

2. South Storage Building (Flammable Storage Area)

This hazardous waste container storage building has dimensions of approximately 40 feet by 40 feet. The layout of the building is shown in Attachment II. The building is designed to store a maximum volume of 12,749 gallons (equivalent to 232 55-gallon drums). The building has been specifically designed and built for the storage of ignitable and reactive hazardous wastes.

3. South Storage Building (Non-Flammable Terminated)

This hazardous waste container storage building has dimensions of approximately 40 feet by 58 feet. The layout of the building is shown in Attachment II. The building is designed to store a maximum volume of 41,220 gallons (equivalent to 750 55-gallon drums). The building has a concrete floor and collection trenches to provide secondary containment.

The facility's secondary containment areas have been coated with Sikagard® 62 sealant or equivalent.

4. Solvent Return/Fill Station

The North and South Buildings are separated by the Solvent Return/Fill Station. The return/fill station is a 50' x 80' roofed area located between the north and south buildings. Spent parts washer solvents (premium solvent and Actrel) enter the storage tank referenced below via any one of the two active dumpsters located in the return/fill

station. Continued use solvent is placed in a dedicated vessel prior to being pumped into the drum washer. Spent continued use solvent is then pumped to the hazardous waste storage tank referenced below. Diagrams of the return/fill station are included on Attachments II and III.

5. Tank Storage

The tank farm has three above-ground, vertical, steel storage tanks with a capacity of 15,000 gallons each. A diagram of the tank farm is included as Attachment IV. One tank is used to store waste parts washer solvent. The other two tanks are used to store fresh parts washer solvent and used oil and are not considered RCRA tanks. All tanks are underlain by a 49.5' x 18.5' concrete slab surrounded by a 3.9-foot high concrete wall. A fabric cover installed over the tank farm eliminates precipitation from accumulating inside the containment area.

In addition to the above permitted units, the Permittee also operates a hazardous waste transfer facility at this site (Attachment II). The Permittee shall operate the transfer facility in accordance with Rule 62-730.171, F.A.C., which limits storage of manifested hazardous waste on site to a maximum of ten (10) days. Those waste types identified as transfer facility wastes are the Fluid Recovery Services (FRS) wastes.

B. Other Activities

1. Safety-Kleen has registered as a used oil and used-oil filter transporter and transfer facility in accordance with Chapter 62-710, F.A.C.
2. Safety-Kleen has registered as a transporter and storer of mercury containing lamps and devices that are regulated in accordance with Chapter 62-737, F.A.C.

C. Solid Waste Management Units

Twenty-one (21) solid waste management units have been identified at the facility in the RCRA Facility Assessment dated December 1, 1989, in Appendix A of this permit renewal application and the Hazardous Waste Inspection Report dated September 6, 2011.

HSWA Units not undergoing remedial activities:

- *SMMU-1 Service Center Drum Storage Area and Associated Trench*
- *SMMU-2 Drummed Dry Cleaning and Paint Waste Unloading Dock*
- *SMMU-3 Solvent Return Wet Dumpsters (3) (One wet dumpster has been removed)*
- *SMMU-4 Spill Containment Area Below the Fill Shelters*
- *SMMU-5 Drum Rinsing Area*
- *SMMU-6 Waste Solvent Storage Tank*
- *SMMU-7 Stormwater Ditch*
- *SMMU-8 Accumulation Center Drum Storage Area and Associated Trench*
- *SMMU-9 Drummed Waste Loading Docks (3)*
- *SMMU-10 Drummed Flammable Waste Storage Room*
- *SMMU-11 Old Dumping Ground*
- *SMMU-12 Stormwater Retention Pond*
- *SMMU-13 Antifreeze Tank (no longer in service)*
- *SMMU-14 Used Oil Filter Containers*
- *SMMU-15 Empty Used Oil Filter Containers*
- *SMMU-16 Fluorescent bulbs/bulbs & Mercury Device Storage Area*
- *SMMU-17 Non-Flammable Transfer Waste Area*
- *SMMU-18 Flammable Waste Transfer Area*
- *SMMU-19 Satellite Container Area*
- *SMMU-20 Less than 90-day Waste Storage Area*

HSWA Units requiring Confirmatory Sampling:

- *SMMU-21 Septic Tank and Drainfield*

Much additional information regarding the facility is provided in S-K's May 25, 2011, "RCRA Operating Permit Renewal Application" (hereafter, "the 2011 ROPRA") (S-K, 2011). Information from the 2011 ROPRA that may be relevant to this SAR and the

discharge being assessed (from SWMU-21) is cited below for reference [per Rule 62-780.600(7), F.A.C.]:

- Part I.A.19 – Summary listing of existing or pending environmental permits.
- Part I.B.4 Figure 2.2-4 – Legal boundaries of the facility, surface elevations, and stormwater runoff directions.
- Part I.B.4 Tables 2.2-1 and 2.2-2 – detailed results of water a well survey in the region surrounding the facility.
- Part I.D.2 – Descriptions of facility operations, both past and present, including products and wastes.
- Part I.D.3 – Waste types, waste codes, process codes, and estimated annual quantities.
- Part II.A.5 – Waste information and analysis for the various wastes.

It is noteworthy that the septic tank water is known to be the source of impacts being investigated for this SAR. The exact origin of organic constituents in the septic water is not known.

3 ENVIRONMENTAL SETTING

This section summarizes the regional environmental setting based mostly on literature research. Additional details regarding facility-specific observations are provided in Section 6.

3.1 HYDROGEOLOGIC SETTING

In Hillsborough County, Pliocene to recent-age sands of variable thickness overlie thicker sequences of Tertiary limestones, dolomites, and evaporites that were deposited on an ancient carbonate platform. This sequence of rocks is part of the Florida plateau that thickens and dips to the south and southwest in the Hillsborough County area (Menke *et al.*, 1961). Two geologic cross-sections are shown in Figure 3.1. The major hydrogeologic units contained within this sequence of rocks, in descending order, include the surficial aquifer system, the intermediate aquifer system, and the upper Floridan aquifer. These hydrogeologic units are described below. The regional hydrogeologic framework is summarized in Table 3.1.

3.1.1 SURFICIAL AQUIFER SYSTEM

The Quaternary Age surficial aquifer system consists predominantly of unconsolidated fine sands; interbedded clays, marl, shell, and/or limestone can also be present. This unit typically varies in thickness from approximately 25 to 50 feet (ft) in the county (Southwest Florida Water Management District [SWFWMD], 1988).

Beneath the S-K facility, onsite data show the surficial sediments are 21 ft thick, and local lithology tends to consist predominantly of silty, fine-quartz sand.

The surficial aquifer system is generally unconfined in Hillsborough County. The water table is relatively shallow and generally mimics the topography. Water table fluctuations are normally less than 5 ft during the year (SWFWMD, 1988). Although ground water flow

direction in the surficial aquifer is affected by local topography, the general ground water flow direction is to the south and west according to SWFWMD (SWFWMD, 1988). Transmissivity varies from 200 to greater than 1,600 feet squared per day (ft²/day) and the storage coefficient varies from 0.05 to 0.2 in Hillsborough County (SWFWMD, 1988). Reported horizontal hydraulic conductivity values for the surficial aquifer in west-central Florida vary from 0.03 ft/day to greater than 1,000 ft/day, whereas reported values for vertical hydraulic conductivity vary from 1.2×10^{-4} ft/day to 13 ft/day (SWFWMD, 1988). Aquifer test results in the Tampa Bay area commonly report hydraulic conductivity values from 1 to 20 ft/day (Vacher *et al.*, 1992).

Regarding water quality, the dissolved mineral content of water in the surficial aquifer system varies greatly in Hillsborough County. Water is generally of potable quality except near the coast and tidally affected streams where saltwater intrusion has taken place. "Iron, however, is common in undesirable concentrations throughout Florida, particularly in water from the surficial aquifer. The concentration of iron and amount of color are usually highest near marshes and where decaying plants release iron and organic compounds that can be taken into solution by water infiltrating into this aquifer" (SWFWMD, 1988).

3.1.2 INTERMEDIATE AQUIFER SYSTEM

The intermediate aquifer system includes all water-bearing units and confining units between the overlying surficial aquifer system and the underlying Upper Floridan aquifer. Units comprising the intermediate aquifer system in west-central Florida range in age from Pleistocene to Miocene. Where present in Hillsborough County, the intermediate aquifer system is comprised of sandy clay, clay, and marl with discontinuous inter-bedded permeable sand, gravel, shell, and limestone (SWFWMD, 1988). The Hawthorn Group (Miocene Age) contains the main water-bearing units, where present, of the intermediate aquifer system. Where none of the units are water bearing, it is referred to as the intermediate confining unit. Thickness of the intermediate aquifer system in Hillsborough County varies from zero in the north to 300 ft in the south (Scott, 1988). The north-

northwestern boundary of the intermediate aquifer system occurs near the S-K facility (SWFWMD, 1988).

Beneath the surficial aquifer at the S-K facility, onsite data show that the intermediate aquifer system includes only the intermediate confining unit, which occurs from depths of 21 to 38.5 feet below land surface (ft bls). The intermediate confining unit is 17.5 ft thick and is comprised of stiff clay in its upper half, and softer inter-bedded clay, silt, and calcareous mud in its lower half.

Water quality is generally good in the intermediate aquifer system except near the coast where residual seawater has not been completely flushed (SWFWMD, 1988).

3.1.3 UPPER FLORIDAN AQUIFER

The upper Floridan aquifer is principally middle Miocene to middle Eocene in age and consists primarily of limestone and dolomite. Stratigraphic units represented within this unit include, in descending order, the Tampa Member of the Arcadia Formation of the Hawthorn Group, the Suwannee Limestone, the Ocala Group, and the Avon Park Formation. The base of the Upper Floridan aquifer is marked by the upper limit of an evaporite unit in the Lake City Formation. The Floridan aquifer varies in thickness in Hillsborough County from less than 1,000 ft in the north to over 1,200 ft in the south; it is approximately 1,100 ft thick beneath the S-K facility (SWFWMD, 1988).

Ground water flow direction within the upper Floridan aquifer in the vicinity of the facility varies seasonally and with pumping conditions, yet the predominant directions appear to be toward the west and south. Reported transmissivity values in the upper Floridan aquifer in Hillsborough County range from approximately 15,000 to 500,000 ft²/day (SWFWMD, 1988). Reported storage coefficients for the upper Floridan aquifer in Hillsborough County range from 1×10^{-5} to 1×10^{-3} (SWFWMD, 1988). In the vicinity of the S-K facility, a transmissivity value of 160,000 ft²/day has been reported (SWFWMD, 1988).

The Upper Floridan aquifer is the principal source of groundwater in Hillsborough County. Water quality is variable yet generally potable, except near the coast and at various depths where the water becomes more mineralized.

Beneath the S-K facility, onsite data show that the top of the Upper Floridan aquifer occurs at a depth of 38.5 ft bls, and is comprised of weathered limestone of the Tampa Member.

3.1.4 WATER USE AND WATER WELL SURVEY

Municipal water supply is available in the vicinity of the facility. However, use of the municipal water supply system is not mandatory, and land owners may install their own water wells. The facility is located outside the Tampa city limits, but inside the City of Tampa water service area. The sources of the municipal water supply include surface water (mostly from the Hillsborough River) and groundwater (from the Upper Floridan aquifer).

Detailed results of a water well survey were included in the 2011 ROPRA for the facility (S-K, 2011); specifically, in Part I.B.4 Tables 2.2-1 and 2.2-2. Those results/tables are included in Appendix 3A herein, which shows that numerous water wells (of various types) are present in the region of the facility. The surficial aquifer is apparently not used locally as a water supply source based on the indicated well casing depths, total well depths, and well types (Appendix 3A).

An onsite water well is located at the northeast corner of the S-K property within a pump house, as shown in Figure 2.3. The 2011 ROPRA (in the Contingency Plan, on p. 28) indicates that a fire suppression system is available at the facility, and that the system is supplied water from the onsite water well. The 2011 ROPRA (Part I.B.4, Table 2.2-2) also indicates that this “Public Supply” well is 5-inches in diameter, with a cased depth of 81 ft, and a total depth of 121 ft (Appendix 3A herein). As such, this well is completed within the Upper Floridan aquifer.

The Wellhead Protection Rule (Chapter 62-521, F.A.C.) establishes a 500-foot radius circular Wellhead Protection Area around all wells which serve community and non-transient non-community public water systems. The rule prohibits certain new installations from locating in wellhead protection areas, and specifies additional performance standards for other new installations and activities. Hillsborough County has published a Hillsborough County Wellhead Resource Protection Areas Map, which shows that no such protection areas are located within 4 miles of the S-K facility (Hillsborough County, effective February 12, 2008).

Hillsborough County has also published a Hillsborough County Potable Water Wellfield Protection Areas Map (Hillsborough County, June 10, 2004) (see web link: <http://www.hillsboroughcounty.org/pgm/communityplanning/resources/gismaps/adoptedpotablewaterwpa.pdf>). Appendix 3A includes a copy of that map. That map shows locations of potable water wells, including the S-K water well (in the south-central portion of Section 27), and the 500 ft buffer (protection area) around each potable water well. The S-K facility is not located within a potable water wellfield protection area of any offsite well.

3.2 FACILITY TOPOGRAPHY, SURFACE WATER DRAINAGE, AND SOILS

Figure 3.2 is a U.S. Geological Survey (USGS) quadrangle map that shows topography in the region of the facility. Land surface elevations at the S-K facility generally range between 11.5 and 14 ft above mean seal level (ft-msl) as shown by the topographic survey and storm water runoff map presented as Figure 2.2-4 in the 2011 ROPRA for the facility (S-K, 2011). That Figure 2.2-4 also shows the legal property boundaries for the facility.

The impervious areas of the facility, which include essentially all areas in the eastern half of the property, are sloped such that rainwater runoff is directed southward to the storm water ditch (SWMU-7), which is connected to the storm water retention pond (SWMU-12). Storm water may also flow eastward through the storm water ditch to a roadside drainage ditch (ERM, 1993).

Land surface elevations and visual observations indicate that the grass area in the western half of the property (which includes SWMU-11 and SWMU-21) is hydrologically isolated from all other areas of the facility; that area neither contributes runoff to other areas nor receives it from other areas. Existing as a flat grassy field with elevations predominantly between 13 and 11.5 ft-msl, it is largely internally drained. Under saturated soil conditions, this grass area can potentially induce sheet flow toward the northwest corner, which is where the lowest elevation occurs.

According to the Hillsborough County soil survey, the specific soil type at the S-K facility is known as the Pinellas Series. The Natural Resources Conservation Service (NRCS) official series description for the Pinellas Series soil is included here as [Appendix 3B](#) (NRCS, 2004). Natural soils and deeper subsurface materials at and beyond the facility have been removed by excavation in the 1970's, and the excavation subsequently backfilled as discussed below.

3.3 LOCAL SOIL EXCAVATION AND BACKFILLING

Research of historical aerial photographs, regulatory files, and onsite soil boring logs indicates that natural soils/subsurface materials at and well beyond the facility have been removed and replaced with various fill materials. This finding is important in understanding the nature and extent of subsurface materials emplaced in the vicinity of the facility. Information regarding the soil excavation and backfilling was previously reported in the 1994 RCRA Facility Investigation (RFI) Workplan for this facility (ECT, 1994).

Aerial photographs from 1973, 1976, 1984, 1987, and 2011 are presented in [Appendix 3C](#), and described below. The current S-K property boundary is also shown on each aerial photograph for reference.

In 1973, the future S-K facility area appears undeveloped. By 1976, the 10-acre square that includes the future facility had been entirely excavated and the southeast quadrant was undergoing backfilling. The excavation appeared as a series of four trenches oriented east-

west over the majority of the 10-acre square. The two northernmost trenches pass through the area now occupied by the S-K facility. Physical relations, including a dirt roadway, suggest the excavation and backfilling activities were associated with the industrial complex adjacent and west of the excavation. This industrial complex was constructed between 1973 and 1976; it was apparently owned and operated by Allied Steel Fabricators, Inc. according to files at the Environmental Protection Commission of Hillsborough County (EPC). ECT personnel familiar with various mining operations hold the view that the excavations were probably borrow pits (i.e., sand mining).

By 1984, the area of the future S-K facility had been completely backfilled and similar excavation activities had commenced at a 20-acre area located directly to the northeast. A dirt roadway continued to connect the industrial complex with the area of the future S-K facility and that road continued through to the northeast toward the 20-acre excavation. In addition, elongated objects (approximately 20 ft long by 2 to 3 ft wide) are shown on the ground at both the industrial complex and at the future S-K facility area. It is possible that these objects are steel pipes. These objects document a connection between activities at the industrial complex and the future S-K facility area.

A complaint was filed with EPC on October 24, 1985 that alleged "illegal dumping and burying of solid waste at an excavation site at 24th Avenue and 58th Street." Since the future S-K facility area had been completely filled before February 1985, the complaint must have been directed toward the 20-acre excavation. The complainant, Mr. Robert Smith, indicated that "trash, garbage, etc." were being buried. The landfilling was apparently being conducted under the direction of Mr. Eugene Thompson, who, during a site inspection by EPC, stated that "a small amount of land clearing material and yard trash was utilized in the backfilling of the property", and that "no paint cans or other toxic chemicals were deposited onsite." The EPC closed its investigation on November 13, 1985.

By 1987, the 20-acre excavation to the northeast appeared predominantly as a shallow manmade lake. Operations continued at the industrial complex to the west. The S-K facility had been constructed and appeared similar as it does today.

By 2011, approximately half of the 20-acre excavation to the northeast had been backfilled. Operations continued at the industrial complex to the west and at the S-K facility.

These aerial photographs indicate that native soils have been disturbed at and beyond the S-K facility and that backfill materials were emplaced throughout the area. Approximately 8 acres have apparently been backfilled to a depth that may average approximately 10 ft bls; as such, the total volume of fill material throughout the 10-acre area may be on the order of 80 acre-ft. If the average depth to the water table (temporarily and spatially) is approximately 2.5 ft, then approximately 75 percent of that fill volume occurs below the water table in the phreatic zone. [As described in Section 6.1, the depth to the water table was observed to be less than 1 foot at various wells in this area during July 2012.]

The filling activities occurred unknown to S-K and prior to purchase of the property by S-K.

Subsurface soil boring logs from locations within the S-K property (see Appendix 5E) provide detailed descriptions and insight as to the nature of materials used to backfill the property. The fill materials appear to be very similar to the native soils (i.e., predominantly silty, fine sands). Yet the fill materials also include small amounts of manmade materials (i.e., the aforementioned “yard trash” – such as; cloth, plastic, metal, a piece of rubber, and pieces of asphalt), and possibly increased the amount of natural organic matter (wood and decayed plant matter) due to the aforementioned “land clearing material” that was emplaced. The last sheet in Appendix 3C shows the locations of the soil borings (i.e., the surficial aquifer monitor wells installed for this SA) in relation to the excavations present in 1976.

Similarly, a 1994 RFI Workplan for this facility described the nature of the fill materials as follows (ECT, 1994):

“In addition to sand, the fill materials noted include: asphalt, wood, shell fragments, concrete, carpet, rock, clothing, coil spring, electrical tape, and a hair comb. No environmentally egregious fill materials were noted.”

The soil and groundwater quality results (see Sections 5 and 6) from this SA suggest that the fill materials do not appear to have introduced any unique constituents of concern at concentrations of concern (i.e., neither RCRA metals nor organic compounds).

4 CHRONOLOGICAL SUMMARY OF ASSESSMENT ACTIVITIES

A chronology of key events pertaining to site assessment activities follows (the Department was notified in advance of all field activities):

- September 6, 2011 – The Florida Department of Environmental Protection (the Department) issued a Hazardous Waste Inspection Report and identified the onsite septic tank and drain field as a new SWMU (SWMU-21). Through various subsequent discussions (as the permit was being modified during the permit renewal process), the Department requested S-K to submit a Confirmatory Sampling Plan to investigate whether there have been any releases of hazardous constituents from SWMU-21.
- November 7, 2011 – S-K submitted the “Confirmatory Sampling Plan for SWMU-21”, which the Department approved with comments on November 9, 2011.
- December 16, 2011 – S-K submitted the “Confirmatory Sampling Report for SWMU-21” (see Appendix 4A), which described methods and results of the Confirmatory Sampling Plan implementation. Organic constituents and some metals were detected in the septic tank liquid and in groundwater from a temporary monitor well. Subsequently, the Department issued a January 4, 2012, letter requiring S-K to complete a site assessment and submit the Site Assessment Report by September 3, 2012.
- January 12, 2012 – S-K submitted the “Sampling and Analysis Plan” (SAP) (in accordance with Rule 62-730.225, F.A.C. and Specific Condition V.5 of the facility permit), which the Department approved on January 17, 2012.
- February 1 and 8, 2012 – After coordination with the Department, five groundwater monitoring wells were installed and six soil samples were collected on February 1, 2012. On February 8, 2012, groundwater samples were collected from all five monitor wells. For purposes of contamination assessment, all soil and groundwater samples were analyzed for: the eight RCRA metals; volatile organic compounds (VOCs) by U.S. Environmental Protection Agency (EPA) Method 8260B; and semi-volatile organic compounds (SVOCs) by EPA Method 8270D. For purposes

of aquifer quality characterization (i.e., “poor quality aquifer” designation), the groundwater samples were also analyzed for total dissolved solids (TDS), chloride, sulfate, iron, and manganese. The soil analytical results did not indicate any exceedance of a Soil Cleanup Target Level (SCTL) in any of the six soil samples. The groundwater analytical results for organic constituents indicated one exceedance of a Groundwater Cleanup Target Level (GCTL) in one sample (phenol, at monitor well MW-2). None of the eight RCRA metals was found to exceed a GCTL in any of the five monitor well samples. Results for the various aquifer quality characterization parameters indicated that the groundwater can be classified by the “poor quality aquifer” designation per Chapter 62-777, F.A.C.

- February 21, 2012 – The S-K facility renewal permit was issued by the Department; it included the requirement to investigate SWMU-21.
- March 16, 2012 – S-K, ECT, and the Department held a conference call to discuss the soil and groundwater results from the February sampling events, which had been e-mailed to the Department on March 7. Based on that call it was determine that the next step in the assessment would include resampling groundwater from four of the monitor wells (MW-1 through MW-4) for VOCs, SVOCs, iron and manganese, and resampling of well MW-5 for iron and manganese. No additional soil assessment was necessary.
- April 9, 2012 – A second round of groundwater samples were collected and analyzed in accordance with the outcome of the March 16 conference call (above). The groundwater analytical results were similar to the February 8 results: the iron and manganese results (aquifer quality characterization parameters) confirmed that the groundwater can be classified by the “poor quality aquifer” designation; and for organic constituents, two exceedances of GCTLs were detected in one sample (phenol and 3+4-methylphenol, at MW-2).
- July 2, 2012 – Another groundwater sample was collected from MW-2 for analysis or organic constituents (VOCs and SVOCs). Consistent with the April 9 sample results, two exceedances of GCTLs were detected in the MW-2 sample (phenol and 3+4-methylphenol). Therefore, S-K concluded that a No Further Action Without

Controls scenario was not likely attainable, and prepared for additional investigative actions consistent with a No Further Action With Controls scenario (applying the “poor quality aquifer” designation).

- July 16 and 17, 2012 – A double-case, deep monitoring well (MW-6D) was installed to depths below the base of the surficial aquifer, and three samples of surficial aquifer materials were collected (at depths of 5, 10, and 15 ft bls) for analysis of total organic carbon (i.e., fraction organic carbon).
- July 19, 2012 – Groundwater samples were collected from five monitoring wells (MW-1 through MW-4, and MW-6D) for analysis of VOCs and SVOCs. In addition, aquifer slug tests were performed at four wells (MW-2, MW-3, MW-4, and MW-6D), and elevations were surveyed at MW-6D.

As will be discussed, the results of this site assessment indicate that groundwater contamination is limited to a very small area that is situated well inside the boundaries of this fenced and secured facility, and that contaminant concentrations are relatively low. The site circumstances are not complex. Accordingly, the scope of investigation and the level of detail presented in this SAR are appropriately limited to those elements in Rule 62-780.600(8), F.A.C. that are truly warranted for this relatively simple site.

5 ASSESSMENT METHODS AND RESULTS

Sampling and analysis activities were conducted in accordance with applicable FDEP SOPs, and in accordance with the 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) [National Environmental Laboratory Accreditation Conference (NELAC) certification E87315].

Various investigative derived wastes (IDWs) were generated and drummed during this assessment, as indicated below. The IDWs were temporarily stored onsite for subsequent disposal by S-K.

5.1 SOIL SAMPLING AND ANALYSIS

On February 1, 2012, ECT collected a total of six soil samples.

Three soil borings (SB-1, SB-2, and SB-3) were hand-augured to a depth of 4 ft bls, which is slightly below where the water table was encountered. Soil samples for screening were collected at one-foot intervals to the water table and placed into 16-ounce mason jars. A Photovac, Inc. MicroFID organic vapor analyzer (OVA) equipped with a flame ionization detector was used for soil screening. The organic vapor screening results are included in Appendix 5A.

Two soil samples were collected from each of the three soil boring and placed into appropriate containers for laboratory analysis in accordance with the FDEP's SOPs. Soil samples were collected at depth intervals from land surface to 6 inches, and at 2-foot intervals thereafter to the water table, as outlined in Chapter 62-780.600(5)(c)(1), F.A.C. The water table was encountered at depths slightly less than 4 ft bls during soil sampling activities. As such, the two samples at each soil boring were collected at depths of 0.5 ft

and 2 ft. One field equipment blank (Identified as MW-6A in the laboratory report) was also collected for quality assurance purposes. Locations of the soil borings/soil samples are included on Figure 5.1.

All soil samples were laboratory analyzed for VOCs by EPA Method 8260B, SVOCs by EPA Method 8270D, the RCRA-8 metals (except mercury) by EPA Method 6010C, and mercury by EPA Method 7471B. The samples were analyzed by ASI in Norcross, Georgia. The laboratory analytical data report for the six soil samples is attached as Appendix 5B. The soil analytical results are summarized in Table 5.1.

5.2 MONITORING WELL INSTALLATION

On February 1, 2012, ECT supervised the installation of five surficial aquifer groundwater monitoring wells (MW-1 through MW-5). Figure 5.1 shows all monitoring well locations. The wells were installed to characterize the hydrogeologic conditions of the surficial aquifer and to evaluate the lateral extent of dissolved constituents at the facility.

The monitoring wells were installed using a hollow-stem auger drill rig. At each monitoring well location, continuous cores were collected and examined. Visual signs of staining and the lithology were documented, and organic vapor analyzer (OVA) measurements were collected at 2-ft intervals or less. The monitoring wells were installed to a depth of 12 ft bls and were constructed with 10-ft of 2-inch diameter, 0.006-inch slotted, schedule 40 polyvinyl chloride (PVC) screen, threaded to a 2-ft length of schedule 40 PVC well casing. The monitoring wells were constructed so the well screen intercepts the water table that typically lies between 2 and 4 ft bls. A 30/45 silica sand filter pack was placed in the borehole to approximately 1-ft above the top of screen. A 6-inch thick fine sand seal was placed on top of the filter pack and the remainder of the borehole was filled with a neat cement grout. All monitoring wells were completed below grade inside an 8-inch diameter, steel manhole protected by a 2-ft by 2-ft concrete pad and fitted with a locking compression plug.

Soil drill cuttings were containerized in a new Florida Department of Transportation (FDOT)-approved drums. Four drums of soil investigative derived waste were generated during these assessment actions.

All drilling equipment and well construction materials were steam cleaned prior to drilling at each location. One drum of decontamination water was generated during the assessment.

The monitoring wells were developed as soon as practical after installation. Well development was performed using a centrifugal pump until the water was sediment free to the fullest extent practical. Water was not added to the wells to aid in development. All purge water was containerized in FDOT-approved 55-gallon drums. Two drums of purge water were generated during these assessment actions.

On July 16 and 17, 2012, a double-case, deep monitoring well (MW-6D) was installed to depths corresponding with the uppermost permeable unit below the base of the surficial aquifer (i.e., below the underlying confining unit, and into the uppermost limestone at the top of the Upper Floridan aquifer; MW-6D screen interval is ~41 to 46 ft bls). Using a hollow-stem auger drill rig, a 6-inch surface casing was installed within a 12-inch borehole to a depth of 25 ft bls (within the confining unit that underlies the surficial aquifer). Continuous lithologic sampling was achieved using a direct push macro core sampler, except after refusal was encountered in limestone (at 43 ft bls) rock cutting were obtained (and the borehole reamed and advanced to 48 ft bls) by mud rotary drilling. Except as noted above, the procedures applied for the installation of MW-6D were consistent with the previously described procedures for the water table monitor wells. A total of seven 55-gallon drums of materials were generated by the MW-6D well drilling, development, and the sampling activities performed later that week.

The monitoring well soil boring logs are included in Appendix 5A, along with the well construction summary reports [per DEP Form 62-730.900(2)(b)].

The monitoring well construction details are summarized in Table 5.2. Table 5.2 also includes survey information of horizontal locations and elevations. The top-of-casing and land surface elevations for the wells were surveyed relative to the National Geodetic Vertical Datum (NGVD) of 1929; the reference elevation at MW-1 (13.0 ft NGVD) was derived from the facility elevation survey data shown in Figure 2.2-4 of the 2011 ROPRA (S-K, 2011), which is linked to the NGVD. The reference elevation at MW-1 is believed to be accurate within 0.2 foot.

5.3 GROUNDWATER SAMPLING AND ANALYSIS

ECT collected groundwater samples from various monitor wells on various dates as outlined in Section 4.

The monitoring wells were purged following FDEP-Standard Operating Procedures (SOPs) using a peristaltic pump to minimize drawdown (i.e., per the SAP). During purging, field stabilization measurements of temperature, pH, conductivity, dissolved oxygen, oxidation-reduction potential, turbidity, and depth to water were recorded following removal of the initial well volume of water and subsequently at three to five minute intervals thereafter. The purge water was monitored until the field parameters had reached the stabilization criteria established in the FDEP-SOPs. All purge water was containerized in one 55-gallon drum per event.

Once the field parameters had reached the appropriate stabilization criteria, ECT collected the groundwater samples. The groundwater sampling equipment and procedures are summarized on the groundwater sampling logs per FDEP SOPs. All groundwater sampling logs and equipment calibration forms (and other relevant field notes) are provided in Appendix 5C in chronological order.

Following sample collection, the samples were placed on wet ice and shipped to ASI in Norcross, Georgia following standard chain of custody procedures. One field equipment blank was also collected for quality assurance purposes during each sampling event.

All of the groundwater samples from the February 8, 2012, sampling event (which included all five surficial aquifer monitor wells) were analyzed for VOCs by EPA Method 8260B, SVOCs by EPA Method 8270D, the RCRA-8 total metals (except mercury) by EPA Method 6020A, and mercury by EPA Method 7470A. In addition, these samples were all analyzed for aquifer quality characterization parameters, including: TDS, chloride, sulfate, iron, and manganese. Dissolved iron and manganese were also analyzed by the laboratory and were field filtered using 1-micron (μm) SingleSample® in-line disposable groundwater filters.

The groundwater samples collected on April 9, 2012, were analyzed as follows: groundwater from four of the monitor wells (MW-1 through MW-4) for VOCs, SVOCs, iron and manganese; groundwater from well MW-5 for iron and manganese.

The groundwater sample collected from MW-2 on July 2, 2012, was analyzed for organic constituents (VOCs and SVOCs).

The groundwater samples collected on July 19, 2012, from five monitor wells (MW-1 through MW-4, and MW-6D) were analyzed for organic constituents (VOCs and SVOCs).

All of the analytical laboratory reports for groundwater are provided in Appendix 5D in chronological order. The groundwater analytical results are summarized in Table 5.3.

In addition to the information presented herein, this SAR includes field and laboratory Electronic Data Deliverable (EDD) files that are submitted to the Department separately and electronically.

5.4 GROUNDWATER LEVEL MEASUREMENTS

All groundwater level measurements were obtained using an electronic measuring device, which indicates with an audible tone when the probe is in contact with the groundwater in the well. Measurements were obtained by lowering the device into the well until it indicated that the water surface had been encountered by measuring from the top and north side of the well casing to the probe. All measurements were recorded to the nearest 1/100 ft.

Table 5.4 is a summary of the water level measurements and calculated water table elevations measured in the surficial aquifer monitoring wells for various dates, along with the potentiometric elevation for the deep well MW-6D. Hydraulic gradient calculations are also included in Table 5.4.

Appendix 5E includes all of the water table elevation contour maps generated during this site assessment in chronological order; the dates include: 2/8/12, 4/9/12, 7/2/12, and 7/19/12.

5.5 AQUIFER SLUG TESTING AND FRACTION ORGANIC CARBON

5.5.1 HYDRAULIC CONDUCTIVITY

On July 19, 2012, ECT conducted two separate single-well aquifer-tests on surficial aquifer monitoring wells MW-2, MW-3, and MW-4 to evaluate the hydraulic conductivity of the surficial aquifer underlying the Site. ECT also conducted two separate single-well aquifer-tests on deep monitoring well MW-6D to evaluate the hydraulic conductivity of the first permeable zone underlying the surficial aquifer at the facility.

During each slug test, a volume of water was instantaneously displaced and the change in water level was monitored and recorded over a period of time as the well water returns to static equilibrium. ECT used a HERMIT 2000 data logger and pressure-sensitive transducer to monitor and record water level changes during slug testing. The aquifer

response data collected during the slug tests were analyzed by computer using applicable equations of groundwater flow to calculate the hydraulic conductivity at the specific well location. Computerized analytical methods developed by Bouwer and Rice (1976) were applied to estimate the hydraulic conductivity values.

The aquifer slug test data evaluations are provided in [Appendix 5F](#), including the calculated values for hydraulic conductivity (K). The results are tabulated below:

Well	Test 1 K (ft/day)	Test 2 K (ft/day)
MW-2	1.3	1.1
MW-3	2.6	1.9
MW-4	1.4	1.2
MW-6D	16	13

The surficial aquifer average horizontal K is calculated as 1.6 ft/day.

The Upper Floridan aquifer (at MW-6D) average horizontal K is calculated as 14 ft/day.

5.5.2 FRACTION ORGANIC CARBON

While drilling at well MW-6D, a direct push macro core sampler was used to collect three soil samples for laboratory determination of the fraction of organic carbon in the surficial aquifer material; these samples were collected at depths of 5, 10, and 15 ft bls. The three samples were laboratory analyzed by the Walkley Black Method for total organic carbon. The laboratory analytical report for the total organic carbon content in the surficial aquifer materials (silty sand) at MW-6D is provided in [Appendix 5G](#). The results are tabulated below:

Sample Depth (ft bls)	Total Organic Carbon (mg/kg)	Fraction Organic Carbon	
		(fraction)	(percent)
5	7,600	0.0076 or	0.76%
10	6,000	0.0060 or	0.60%
15	1,500	0.0015 or	0.15%

mg/kg = Milligrams per kilogram.

The average fraction organic carbon (foc) is 0.005 or 0.5 percent (%).

6 DISCUSSION OF ASSESSMENT RESULTS

6.1 SITE HYDROGEOLOGY

The discussion presented here supplements the information presented in Section 3.1 (Hydrogeologic Setting), and is based mostly on the site investigation at the facility.

6.1.1 HYDROSTRATIGRAPHY

The lithologic logs from the six onsite monitor wells (five shallow wells, and one deep well – see Appendix 5A) indicate that three distinct hydrostratigraphic units are present beneath the facility in the general area of SWMU-21. In descending order, these three hydrostratigraphic units include: the surficial aquifer; the intermediate confining unit; and the Upper Floridan aquifer. The locations of two hydrostratigraphic cross-sections at the facility are shown on Figure 6.1. Hydrostratigraphic cross-sections S—N and E—W are shown in Figure 6.2 and Figure 6.3, respectively.

Following is a representative hydrostratigraphic profile observed to the maximum depth of investigation (48 ft bls).

Surficial Aquifer: 0 to 21 ft bls

The surficial aquifer is predominantly comprised of silty, fine quartz sand through its entire depth of 21 feet. Much of the surficial aquifer is excavation backfill material (see Section 3.3).

0 to ~9 or 12 ft bls – Silty, fine-quartz SAND, with variable yet considerable percentages of iron-rich rock fragments and clay, and some shell fragments. Loose, poorly sorted (well graded), organic rich. Small quantities of manmade materials are observed. Probably mostly fill material.

~9 or 12 to 21 ft bls -- Silty, fine-quartz SAND, very similar to above with the following minor exceptions: slightly increased density and shell content with

depth; and slightly decreased apparent permeability, organic content, and rock fragments with depth. Manmade materials are generally minimal or absent. Probably mostly native soil, non-fill material.

Intermediate Confining Unit: 21 to 38.5 ft bls

21 to 30 ft bls – CLAY, medium stiff, high plasticity and highly cohesive, blue-green, extremely low apparent permeability. Non-calcareous. Becomes slightly sandy CLAY in basal 3 ft.

30 to 38.5 ft bls – Non-calcareous silty CLAY and clayey SILT, inter-bedded with calcareous mud (silt and clay). Soft to very soft, low plasticity, and low apparent permeability.

Upper Floridan Aquifer: 38.5 to 48 ft bls (total depth of investigation)

38.5 to 48 ft bls – LIMESTONE, weathered, variably indurated, sandy, beige colored. Loss of circulation from 41 to 42 ft bls; macro core sampler refusal at 43 ft bls. Bottom 4 ft harder than above. { Tampa Member of the Arcadia Formation of the Hawthorn Group. }

The surficial aquifer average horizontal K is 1.6 ft/day from onsite testing.

The Upper Floridan aquifer (at MW-6D) average horizontal K is 14 ft/day from onsite testing.

The vertical hydraulic conductivity (Kv) of the intermediate confining unit is estimated based on previous studies at nearby Tampa facility (at Wenczel Tile, by Butler & Edwards Associates, Inc., October 1983 – B&E, 1983). The Wenczel Tile facility and the S-K Tampa facility show remarkably similar confining unit stratigraphy. The blue-green clay in the intermediate confining unit (commonly called the “silex bed” [Upchurch, *et al.*, 1982]) was determined to have a Kv of 3×10^{-8} cm/s, which

equates to $\sim 8 \times 10^{-5}$ ft/day (B&E, 1983). The entire confining unit was calculated to have a harmonic mean K_v of 4.5×10^{-8} cm/s, which equates to $\sim 1 \times 10^{-4}$ ft/day (B&E, 1983); that value is considered a reasonable estimate for the average K_v of the intermediate confining unit at the S-K facility (i.e., $K_v = 0.0001$ ft/day).

6.1.2 GROUNDWATER FLOW

All of the water table elevation contour maps generated during this site assessment are included in Appendix 5E in chronological order; the dates include: 2/8/12, 4/9/12, 7/2/12, and 7/19/12. These data indicate that the hydraulic gradient, and thus the inferred direction of groundwater flow in the surficial aquifer, is generally toward the northwest.

It is important to understand that water levels at MW-2 can vary significantly by the minute due to direct influence from the septic system. When the septic system transfer pump turns on, the water level rises up around the outside of the well borehole and briefly rises to land surface (similar to an artesian spring), and then recedes. This phenomenon is well documented in the field notes (Appendix 5C), and also in a photograph in Appendix 6A. A similar phenomenon has been observed from the top of the septic tank. Further, MW-1, which is located along the west side of the drain field, does not show any apparent water level influence from the septic system; it tends to fluctuate in the same manner as the more distant wells. As such, it appears doubtful that much (if any) septic water is actually being routed to the drain field area under the observed operating scenario (this analysis is further supported by relations among groundwater quality parameters; Section 6.3). These conditions are observed to induce a local hydraulic mounding effect in the immediate vicinity of MW-2 and the septic tank, which is the known contaminant source area. These observations were considered while preparing the water table elevation contour maps.

In the immediate vicinity of MW-2 and the septic tank, the localized mounding effect apparently induces some radial groundwater flow in directions ranging from north to west (and all points between) for a short distance until the ambient northwesterly flow

direction is again manifest. As such, wells MW-3 and MW-4 both appear to be well positioned to detect any impacts that might be migrating downgradient from the source area.

The groundwater levels observed during the 2/8/12 and 4/9/12 monitoring events represent relatively dry season conditions. In stark contrast, groundwater levels observed during the two July 2012 monitoring events (7/2/12 and 7/19/12) represent extreme wet season conditions related not only to summer rains but also the significant influence from Tropical Storm Debbie which resulted in more than a foot of rainfall locally over several days. Table 5.4 shows that the depth to groundwater was less than 1 foot at various wells in July 2012.

All of the water table elevation contour maps generated during this site assessment utilize a contour interval of 0.1 ft for consistency, and because the extent of impacts is very localized at MW-2.

Hydraulic gradients were calculated based on the water table elevation contour maps. From the septic water induced mound at MW-2 to the last downgradient contour, the average horizontal hydraulic gradient observed for all four events was 0.017 ft/ft. Aside from the localized mound at MW-2 (ignoring it), the “ambient” (i.e., immediately surrounding) average hydraulic gradient observed for all four events was 0.0038 ft/ft. Due to the extreme nature of the two July monitoring events that were only 17 days apart, a more “representative average” hydraulic gradient may be derived by eliminating the extreme July 19 event (and thus eliminating duplication of the two extremes). In this manner, the representative average horizontal hydraulic gradient observed from the mound at MW-2 would be 0.014 ft/ft, and the representative average “ambient” horizontal hydraulic gradient would be 0.0034 ft/ft. The hydraulic gradient calculations are included on Table 5.4.

The observed hydraulic gradient from the mound at MW-2 is more than four times higher than the observed “ambient” hydraulic gradient. This distinction is important because S-K is now in the process of obtaining public water supply and sewer service and abandoning the onsite septic system; this transition is currently expected to be completed in 2012. Under that near-future operating scenario, the “ambient” horizontal hydraulic gradient will be manifest and most relevant.

The mounded water table elevation at MW-2 was observed to be approximately 3.3 ft higher than the Upper Floridan aquifer potentiometric elevation at MW-6D on July 19, 2012. This would suggest a vertical hydraulic gradient of approximately 0.19 (ft/ft) across the confining unit thickness of 17.5 ft. The “ambient” water table elevation was approximately 2.6 ft higher than the Upper Floridan aquifer potentiometric elevation at MW-6D; as such, the “ambient” vertical hydraulic gradient was approximately 0.15 (ft/ft).

The average horizontal groundwater flow velocity (**v**) is calculated using the following formula [Rule 62-780.600(8)(a)13, F.A.C.]:

$$\mathbf{v} = \mathbf{K} \mathbf{I} / \mathbf{n}$$

where:

- K** = is the average horizontal hydraulic conductivity (1.6 ft/day),
- I** = is the average horizontal hydraulic gradient (MW-2 mounded condition = 0.017; “ambient” condition = 0.0038), and
- n** = is the estimated effective soil porosity. (~0.35 [loose materials]).

The calculated average horizontal groundwater flow velocity is 0.078 ft/day, or 28 ft/yr under the MW-2 mounded condition. The calculated average horizontal groundwater flow velocity is 0.017 ft/day, or 6.3 ft/yr under the “ambient” condition.

The average vertical groundwater flow velocity (v) is calculated using the following formula [Rule 62-780.600(8)(a)14, F.A.C.]:

$$v = K_v I / n$$

where:

K_v = is the average vertical hydraulic conductivity of the confining unit, (~0.0001 ft/day)

I = is the average vertical hydraulic gradient across the 17.5 ft thick confining unit (MW-2 mounded condition = 0.19; “ambient” condition = 0.15), and

n = is the estimated effective soil porosity of the confining unit (~0.2 [clay]).

For the MW-2 mounded condition, the calculated estimate for the vertical groundwater flow velocity (through the confining unit) is 0.0001 ft/day, or ~0.03 ft/year. For the “ambient” condition, the calculated estimate for the vertical groundwater flow velocity (through the confining unit) is 0.00007 ft/day, or ~0.03 ft/year. Both of these estimates are rounded to one significant figure consistent with the level of certainty of the vertical K value, and both utilize only the extreme water levels observed on July 19, 2012. Representative average conditions would likely result in even lower vertical flow velocities. As a practical matter, the blue-green clay is virtually impermeable and precludes any significant vertical flow.

6.2 SOIL ANALYTICAL RESULTS

Table 5.1 summarizes all constituents detected in the six soil samples. The soil sample locations are included on Figure 5.1. The laboratory analytical data report for the soil samples is attached as Appendix 5B.

All constituent concentrations are below all SCTLs in all samples. No soil contamination was found in any of the six samples. No further assessment is warranted for soil.

6.3 GROUNDWATER ANALYTICAL RESULTS

Table 5.3 summarizes all constituents and concentrations detected in the all the groundwater samples collected. The groundwater monitoring well (i.e., sample) locations are included on Figure 5.1. All of the analytical laboratory reports for groundwater are provided in Appendix 5D in chronological order. The results are discussed below.

For purposes of contamination assessment, various groundwater samples were analyzed for: the eight RCRA metals; VOCs by EPA Method 8260B; and SVOCs by EPA Method 8270D.

For purposes of aquifer quality characterization (i.e., “poor quality aquifer” designation), various groundwater samples were analyzed for total dissolved solids (TDS), chloride, sulfate, iron, and manganese.

6.3.1 RCRA METALS

Each RCRA metal constituent concentration was below its respective GCTL in each of the groundwater samples. No further assessment is warranted for RCRA metals in groundwater.

6.3.2 ORGANIC CONSTITUENTS: VOCs and SVOCs

Every VOC constituent concentration was below its respective GCTL in every groundwater sample from every monitor well during every monitoring event. No further assessment is warranted for VOCs in groundwater.

Two SVOC constituents were detected at concentrations exceeding their respective GCTLs at MW-2 only; phenol, and 3+4-methylphenol. Every other SVOC constituent concentration was below its respective GCTL in every groundwater sample from every monitor well. Both phenol and 3+4-methylphenol can be attributed to the release from

the SWMU-21 septic tank, as they were both also present in the septic tank water sample (Appendix 4A; phenol 23 $\mu\text{g/L}$, and 3+4-methylphenol 260 $\mu\text{g/L}$).

Results from the fourth and final sampling event at MW-2 (July 19, 2012) indicated that phenol was not detected ($< 2.7 \mu\text{g/L}$), and that 3+4-methylphenol (at 100 $\mu\text{g/L}$) was the only constituent that exceeded a GCTL (at any well). As such, 3+4-methylphenol is the only remaining constituent of concern (COC), and it remains present only at MW-2.

The GCTL for “3+4-methylphenol” is 38.5 $\mu\text{g/L}$ (see [Table 6.1](#)). In this SAR, 3+4-methylphenol is reported as the combined concentration of 3-methylphenol plus 4-methylphenol, in accordance with the approved SAP (those two isomers are not analyzed separately). Table 6.1 shows various regulatory concentrations for 3-methylphenol, 4-methylphenol, and thus 3+4-methylphenol (combined). The EPA Regional Screening Level (RSL) for 3+4-methylphenol in Tap Water (i.e., drinking water at the point of exposure) is significantly higher than the Florida GCTL (EPA RSL Table, updated May 2012), as shown below:

	Groundwater FDEP GCTL ($\mu\text{g/L}$)	Tap Water EPA RSL ($\mu\text{g/L}$)
3-Methylphenol (m-cresol)	35	720
4-Methylphenol (p-cresol)	3.5	1,400
3+4-Methylphenol (combined)	38.5	2,120

As such, the maximum observed concentration of 3+4-methylphenol (100 $\mu\text{g/L}$) is far below the EPA RSL for tap water. The Florida GCTL applies to this SAR, not the EPA RSL. Nevertheless, the various regulatory concentrations for 3-methylphenol, 4-methylphenol, and 3+4-methylphenol shown in Table 6.1 are relevant when evaluating the potential risk of exposure to impacts at the facility, as further described in Section 7.

No VOCs or SVOCs were detected in the deep well MW-6D, which is located about 10 ft downgradient (\sim northwest) of MW-2. Well MW-6D monitors the first permeable

unit below the base of the surficial aquifer, within the Upper Floridan aquifer. As such, the vertical extent of impacts is limited to the surficial aquifer.

The extent of groundwater contamination by 3+4-methylphenol at MW-2 has been delineated horizontally by MW-3 and MW-4 (none detected), and vertically by MW-6D (none detected). The observed site conditions suggest that the lateral extent of the 3+4-methylphenol GCTL exceedance likely occurs within an area that is roughly equivalent to a 15 to 20 ft radius around MW-2. As such, the total area of GCTL exceedance may be approximately 1,000 square feet, or 0.023 acre. This area is illustrated on Figure 6.4.

Figure 6.5 shows this extent of groundwater contamination on hydrostratigraphic cross section S – N.

The available groundwater data (Table 5.3) show an overall decrease in the concentration of organic constituents. For example, from the initial sampling event on 2/8/12 to the last event on 7/19/12, the following overall decreases in concentrations are observed:

- Total organic constituent concentrations (VOCs plus SVOCs) at all the wells combined decreased by 22% (from 574.4 to 449.2 µg/L).
- Total organic constituent concentrations (VOCs plus SVOCs) at MW-2 alone decreased by 13% (from 511.6 to 446.8 µg/L).
- SVOCs concentrations at MW-2 alone decreased by 52% (from 430 to 205.1 µg/L).

Since the only organic constituents to exceed a GCTL were SVOCs at MW-2, the observed 52% decrease in SVOCs concentrations at MW-2 is quite relevant.

6.3.3 AQUIFER QUALITY CHARACTERIZATION PARAMETERS

Various groundwater samples were analyzed for aquifer quality characterization parameters, including: TDS, chloride, sulfate, iron, and manganese.

Results for the various aquifer quality characterization parameters (included in Table 5.3) indicate that the surficial aquifer groundwater at the facility can be classified by the “poor quality aquifer” designation per Chapter 62-777, F.A.C. That is, various of these indicator parameters (e.g., TDS, iron, and manganese) show exceedances of secondary standards that are clearly not attributable to the SWMU-21 release.

This observation or “poor quality aquifer” conditions is consistent with the previous observation that the surficial aquifer is apparently not used locally as a water supply source (Section 3.1.4). Further, the surficial aquifer average horizontal K value of 1.6 ft/day also suggests it would have relatively low yield.

Relatively high concentrations of iron (and less so for manganese) were observed in surficial aquifer groundwater; these concentrations cannot be attributed to the release from the SWMU-21 septic tank, as both iron and manganese showed relatively low concentrations in the septic tank water sample (iron 0.554 mg/L; and manganese 0.033 J mg/L) as compared to the groundwater (see table below). The laboratory report for this septic tank water sample is included in Appendix 6A.

As indicated in Section 3.1.1, “Iron, however, is common in undesirable concentrations throughout Florida, particularly in water from the surficial aquifer. The concentration of iron and amount of color are usually highest near marshes and where decaying plants release iron and organic compounds that can be taken into solution by water infiltrating into this aquifer” (SWFWMD, 1988).

Based on the following evaluation, it is evident that the iron (and manganese) concentrations in groundwater can be attributed to materials that comprise the surficial aquifer, and most notably the “rock pieces” (i.e., rock fragments) that are rather abundant as described in the soil boring logs (see Appendix 5A).

The specific soil type at the S-K facility is known as the Pinellas Series (see Section 3.2), and the official series description for the Pinellas Series soil (see [Appendix 3B](#)) repeatedly refers to “common masses of iron accumulation”. Appendix 6A includes a close-up photograph of the rock fragments (after washing for visual observation), along with a laboratory report of iron and manganese analytical results for those same rock fragments (iron 3,390 mg/kg; manganese 114 mg/kg). Thus, the abundance of rock fragments observed onsite also constitutes “common masses of iron accumulation”, consistent with the soil description, and an apparent source of iron and manganese. Consider the following data table:

Sample	Iron Conc. (~ Average)	Manganese Conc. (~ Average)	~ Avg. % Rock Fragments In Monitoring Interval
MW-1	32.5 mg/L	0.95 mg/L	~ 20 %
MW-2	1.0 mg/L	0.03 mg/L	~ 12 %
MW-3	9.1 mg/L	0.27 mg/L	~ 7 %
MW-4	11.4 mg/L	0.10 mg/L	~ 5 %
MW-5	3.9 mg/L	0.01 mg/L	~ 3 %
Septic Water	0.554 mg/L	0.033 mg/L	NA
Rock Fragments	3,390 mg/kg	114 mg/kg	NA

These data suggest that the observed concentrations of iron and manganese in groundwater are generally directly proportional to the average percentage of rock fragments in the aquifer within the monitoring intervals at the given wells (as estimated from the soil boring logs); except at MW-2. MW-2 shows relatively low concentrations of iron and manganese (even though rock fragments are abundant) because MW-2 water quality is directly and largely influenced by the septic water (see Section 6.1.2), which has low concentrations of iron and manganese. In contrast, all the other wells which are not influenced or impacted by the septic water show relatively high concentrations of iron that are generally proportional to the abundance of rock fragments.

The SWMU-21 septic water is clearly not the source of iron and manganese in groundwater; rather, the septic water tends to dilute those concentrations locally in the area of MW-2.

All information considered, the surficial aquifer groundwater at the facility can be classified by the “poor quality aquifer” designation per Chapter 62-777, F.A.C.

6.4 GROUNDWATER CONTAMINANT MIGRATION VELOCITIES

As described in Section 6.3.2, 3+4-methylphenol (at 100 µg/L) is the only remaining COC; it exceeds its GCTL of 38.5 µg/L, and is currently detected only at MW-2.

Estimated migration velocities for 3+4-methylphenol in surficial aquifer groundwater have been calculated for two hydraulic gradient scenarios:

1. The MW-2 mounded condition; and
2. The “ambient” condition.

These two hydraulic gradient scenarios are described in Section 6.1.2, along with calculations of average horizontal and vertical groundwater flow velocities under each gradient scenario.

6.4.1 HORIZONTAL MIGRATION

Groundwater migration velocity for a contaminant, such as 3+4-methylphenol, can be calculated based on the groundwater flow velocity and a retardation factor. The contaminant migration retardation factor equation (Freeze and Cherry, 1979) is the approach applied for this analysis. The equations account for one-dimensional groundwater flow with migration retardation by adsorption only; other natural attenuation mechanisms are not considered (e.g., biological and/or chemical degradation, etc.).

Contaminant migration velocity in groundwater can be calculated as described below (Freeze and Cherry, 1979):

$$V_c = V_{gw} / R_f$$

where:

- V_c**= Contaminant migration velocity in groundwater
V_{gw} = Groundwater flow velocity
R_f = Retardation factor

The retardation factor is calculated as described below:

$$R_f = 1 + (p_b/n_e) * K_d$$

where:

- R_f** = Retardation factor
p_b = Soil bulk density
n_e = Effective porosity
K_d = Distribution coefficient

And the distribution coefficient for organic constituents is calculated as follows:

$$K_d = K_{oc} f_{oc}$$

here:

- K_{oc}** = Soil organic carbon / water partitioning coefficient
F_{oc} = Fraction organic carbon content (in the aquifer materials)

Table 6.2 summarizes the estimated horizontal migration velocities for 3+4-methylphenol in surficial aquifer groundwater, and provides all the raw data input into the equations along with the sources of the input data.

As shown, the various data inputs result in a calculated retardation factor of 2.0. The estimated migration velocity for 3+4-methylphenol for the MW-2 mounded scenario is 14 ft/year. The estimated migration velocity for 3+4-methylphenol for the “ambient” scenario is 3.2 ft/year.

The MW-2 mounded scenario applies to a point in space approximately 40 ft downgradient from MW-2 (as that is how the gradient was calculated), and it applies to a point in time corresponding to whenever operation of the septic system is discontinued (expected in 2012). The “ambient” scenario applies at all times at distances greater than 40 ft downgradient from MW-2. The following evaluation makes the conservative assumption that the MW-2 mounded condition will always remain in place, and therefore that the first 40 ft of migration will occur at velocity of 14 ft/year, rather than 3.2 ft/year.

The distance from MW-2 to the downgradient property boundary (near the northwest corner of the facility property) is approximately 200 ft. The first 40 ft of migration at a velocity of 14 ft/year would require about 2.9 years. The remaining 160 ft of migration at a velocity of 3.2 ft/year would require about 50 years.

These calculations suggest that the retardation mechanism of adsorption alone would prevent offsite migration for more than 50 years. By then, it is extremely probable that other mechanisms of natural attenuation (i.e., biodegradation, see Section 7, item 7) would have eliminated any risk of offsite migration at concentrations of concern.

6.4.2 VERTICAL MIGRATION

Section 6.1.2 showed that the vertical groundwater flow velocity (through the 17.5 ft thick confining unit) is estimated at ~0.03 ft/year for both the MW-2 mounded condition and for the “ambient” condition. Those calculations both utilize only the extreme water levels observed on July 19, 2012. Representative average conditions would likely result in even lower vertical groundwater flow velocities.

Those vertical groundwater flow velocities are extremely low, and do not account for any retardation of contaminant migration by adsorption or any other natural attenuation mechanisms (e.g., see Section 7, item 7). As a practical matter, the blue-green clay in

the intermediate confining is virtually impermeable and precludes any significant vertical flow into the Upper Floridan aquifer.

Therefore, there is no significant risk of vertical migration of 3+4-methylphenol into the Upper Floridan aquifer at concentrations of concern.

7 EXPOSURE ASSESSMENT

As described in Section 6, the site assessment results indicate that:

- Impacts are limited to one medium, which is groundwater.
- Groundwater contamination is limited to one COC (3+4-methylphenol), in one surficial aquifer well (MW-2), in one small area (~1,000 square feet, or ~0.023 acre).
- The highest concentration of 3+4-methylphenol at MW-2 was 100 µg/L based on the July 19, 2012, sample. The GCTL for 3+4-methylphenol is 38.5 µg/L.
- Groundwater contaminant migration velocities and related factors suggest it is highly probable that there is no significant risk of offsite migration of 3+4-methylphenol at concentrations of concern.

Accordingly, the scope of this exposure assessment is appropriately limited.

Rule 62-780.600(3)(a), F.A.C. addresses objectives and matters related to exposure assessment. That rule is reprinted below in italics, and each item (1 through 8) is followed by appropriate input.

(a) *To evaluate the current exposure and potential risk of exposure to humans and the environment, including multiple pathways of exposure. The physical, chemical, and biological characteristics of each contaminant and the individual site characteristics shall be considered. The individual site characteristics include:*

1. *The current and projected use of the affected groundwater and surface water in the vicinity of the site;*

Input: The affected groundwater is limited to a small area of the surficial aquifer near the center of the secured facility property. The surficial is currently not used locally (onsite

or offsite) as a water supply source (Section 3.1.4), and the same can be expected in the future. There is no affected surface water.

2. *The current and projected land use of the area affected by the contamination;*

Input: Currently the property is used as a hazardous waste and used oil storage facility, and there are no plans to change the current land use. Safety-Kleen Systems, Inc. is the owner of the facility and the property. The land area affected by contamination (see Figure 6.4) is currently used as an open grassy area at, and adjacent to, the septic tank at the facility. This use will likely remain unchanged in the foreseeable future, except that operation of the septic system is planned to be discontinued soon.

3. *The exposed human population and ecological receptors including the presence of threatened or endangered species (flora and fauna). A general literature review and analysis based on site-specific conditions may be sufficient;*

Input: There is currently no viable exposure pathway; as such, there are currently no exposed receptors. The only viable way for an exposure pathway to be complete in the future would be the installation of a surficial aquifer drinking water well in or near the impacted area at the facility, followed by actual consumption of water from that well. While this exposure scenario is extremely unlikely, it could be entirely precluded by an institutional control (i.e., restrictive covenant or deed restriction); that is, No Further Action With Controls per subsection 62-780.680(2), F.A.C.

4. *The location of the plume;*

Input: The affected groundwater is limited to a small area of the surficial aquifer near the center of the secured facility property (Figure 6.4).

5. *The degree and extent of contamination;*

Input: Groundwater contamination is limited to one COC (3+4-methylphenol), in one surficial aquifer well (MW-2), in one small area (~1,000 square feet, or ~0.023 acre). The highest concentration of 3+4-methylphenol at MW-2 was 100 µg/L based on the July 19, 2012, sample. The GCTL for 3+4-methylphenol is 38.5 µg/L. The degree of contamination is too low for exposure by direct contact or inhalation to be relevant considerations (see Table 6.1).

6. *The rate and direction of migration of the plume;*

Input: As further described in Section 6.4, the distance from MW-2 to the downgradient property boundary (toward the northwest, near the northwest corner of the facility property) is approximately 200 ft. The first 40 ft of migration at a velocity of 14 ft/year would require about 2.9 years. The remaining 160 ft of migration at a velocity of 3.2 ft/year would require about 50 years. As such, it appears that the retardation mechanism of adsorption alone would prevent offsite migration for more than 50 years. By then, it is highly probable that other mechanisms of natural attenuation would have eliminated any risk of offsite migration at concentrations of concern (see Section 6.4 and Section 7, item 7 below).

7. *The apparent or potential rate of degradation of contaminants through natural attenuation; and*

Input: The apparent or potential rate of degradation of cresols (i.e., methylphenols) is described by the Agency for Toxic Substances and Disease Registry (ATSDR) (September, 2008) in a toxicology profile for cresols, at Ch. 6 “Potential for Human Exposure”. (<http://www.atsdr.cdc.gov/toxprofiles/tp34-c6.pdf>).

Following are excerpts from that source:

“Cresols are widely occurring natural and anthropogenic products. Although cresols appear to be ubiquitous in the environment, their concentrations probably remain low due to their rapid removal rates in most environmental media. In air, cresols degrade rapidly because of reactions with photochemically produced hydroxyl radicals. Biodegradation is the dominant mechanism responsible for the fast breakdown of cresols in soil and water.”

“All cresol isomers can be rapidly removed from environmental media. The dominant removal mechanism in air appears to be oxidation by hydroxyl radical during the day and nitrate radical at night, with half-lives on the order of a day. In water under aerobic conditions, biodegradation will be the dominant removal mechanism; half-lives will be on the order of a day to a week. Under anaerobic conditions, biodegradation should still be important, but half-lives should be on the order of weeks to months. In soil under aerobic conditions, biodegradation is also important, with half-lives on the order of a week or less.”

“In anaerobic groundwater samples and groundwater samples with aquifer materials, cresol isomers display the same pattern of degradation *p*-cresol > *m*-cresol > *o*-cresol, where *p*-cresol is the most readily biodegradable of the three isomers, seen in anaerobic sewage sludge experiments.”

“The degradation pathway of *p*-cresol in groundwater appears to proceed by oxidation of the methyl group to first give the corresponding benzaldehyde, then benzoic acid (Kuhn *et al.* 1988; Smolenski and Suflita 1987; Suflita *et al.* 1988, 1989). The hydroxybenzoic acid then can be either decarboxylated or dehydroxylated to phenol or benzoic acid, respectively.”

“Experimental bioconcentration factors (BCFs) of 14.1 for *o*-cresol (Sabljic 1987) and 19.9 for *m*-cresol (Freitag *et al.* 1982) indicate that the isomers of cresol will not bioconcentrate in fish and aquatic organisms to any significant extent. Also, cresols are not likely to bioconcentrate in humans.”

These natural attenuation mechanisms (i.e., biodegradation, etc.) combined with the estimated migration velocities for 3+4-methylphenol (Section 6.4) suggest that offsite migration in groundwater is extremely unlikely. The site is anticipated to achieve the applicable No Further Action criteria of Rule 62-780.680, F.A.C. as a result of natural attenuation in five years or less.

8. *The potential for further migration in relation to the source property boundary;*

Input: See items 6 and 7 above.

8 CONCLUSIONS AND RECOMMENDATIONS

8.1 CONCLUSIONS

The results of this site assessment indicate that contamination is limited to groundwater only within to a very small area that is situated well inside the boundaries of this fenced and secured facility, and that contaminant concentrations are relatively low. Following are the main conclusions from the SA for SWMU- 21 at the S-K Tampa facility.

1. No soil contamination was found in any of the six samples; all constituent concentrations were below all SCTLs in all samples.
2. Groundwater contamination has been confirmed, and the source of contamination is known to be septic water from the onsite septic tank (i.e., a part of SWMU-21).
3. Groundwater contamination is currently limited to one COC (3+4-methylphenol, aka *m+p*-cresol), in one surficial aquifer well (MW-2), in one small area (~1,000 square feet, or ~0.023 acre). The highest concentration of 3+4-methylphenol at MW-2 was 100 µg/L based on the July 19, 2012, sample. The GCTL for 3+4-methylphenol is 38.5 µg/L. The horizontal and vertical extent of groundwater contamination has been delineated, and is shown on Figure 6.4 and on a hydrostratigraphic cross section in Figure 6.5.
4. A toxicology profile for cresols (ATSDR, September 2008) indicates: “*All cresol isomers can be rapidly removed from environmental media. The dominant removal mechanism in air appears to be oxidation by hydroxyl radical during the day and nitrate radical at night, with half-lives on the order of a day. In water under aerobic conditions, biodegradation will be the dominant removal mechanism; half-lives will be on the order of a day to a week. Under anaerobic conditions, biodegradation should still be important, but half-lives should be on the order of weeks to months. In soil under aerobic conditions, biodegradation is also important, with half-lives on the order of a week or less.*”

Therefore, the site is anticipated to achieve the applicable No Further Action criteria of Rule 62-780.680, F.A.C., as a result of natural attenuation in five years or less.

5. The available groundwater data show an overall decrease in the concentration of organic constituents (i.e., contaminants). Total organic constituent concentrations (VOCs plus SVOCs) at all the wells combined decreased by 22% (from 574.4 µg/L on 2/8/12 to 449.2 µg/L on 7/19/12). The only organic constituents that exceeded a GCTL were two SVOCs at MW-2; including 3+4-methylphenol which showed an increase in concentrations, and phenol which showed a decrease in concentrations (currently not detected); the total SVOCs concentrations at MW-2 were observed to decrease by 52%.
6. Calculations suggest that the retardation mechanism of adsorption alone would prevent offsite migration of 3+4-methylphenol in groundwater for more than 50 years. By then, it is extremely probable that other mechanisms of natural attenuation (i.e., biodegradation, see Section 7, item 7) would have eliminated any risk of offsite migration at concentrations of concern. Therefore, there is no significant risk of horizontal migration of 3+4-methylphenol offsite, or vertical migration of into the Upper Floridan aquifer, at concentrations of concern (Section 6.4 and Section 7, item 7).
7. The surficial aquifer is apparently not used as a water supply source in the vicinity of the facility (Section 3.1.4). This is consistent with the observed condition that the surficial aquifer groundwater at the facility can be classified by the “poor quality aquifer” designation per Chapter 62-777, F.A.C. (Section 6.3.3).
8. The degree of groundwater contamination is too low for exposure by direct contact or inhalation to be relevant considerations (see Table 6.1). There is currently no viable exposure pathway; as such, there are currently no exposed receptors. The only viable way for an exposure pathway to be complete in the future would be the installation of a surficial aquifer drinking water well in or near the impacted area at the facility, followed by actual consumption of water from

that well. While this exposure scenario is extremely unlikely, it could be entirely precluded by an institutional control (i.e., restrictive covenant or deed restriction) if necessary; that is, No Further Action With Controls per subsection 62-780.680(2), F.A.C.

9. Site conditions do not currently meet the criteria for No Further Action Without Controls per subsection 62-780.680(1), F.A.C.
10. Site conditions do meet the criteria for No Further Action With Controls per subsection 62-780.680(2), F.A.C., except for the requirement for one year of groundwater monitoring data. This one year requirement applies for both the “poor quality” aquifer approach [62-780.680(2)(c)1], and for the less than 0.25 acre stable or shrinking plume approach [62-780.680(2)(c)4]. The allowed timeframe for a SAR is nine-months, so one year of data is not (and could not be) available at this time.
11. Site conditions do meet the criteria for Natural Attenuation with Monitoring per Rule 62-780.690, F.A.C.

8.2 RECOMMENDATIONS

S-K recommends Natural Attenuation with Monitoring for a minimum of two quarters (October 2012 and January 2013). This would complete the requirement for one year of groundwater monitoring data per subsection 62-780.680(2), F.A.C., and then S-K would be in a position to:

1. Recommend No Further Action With Controls per subsection 62-780.680(2), F.A.C., or
2. Possibly recommend No Further Action Without Controls per subsection 62-780.680(1), F.A.C. depending on the data results, or
3. Continue Natural Attenuation with Monitoring, with subsequent recommendations based on such future monitoring data results.

8.2.1 NATURAL ATTENUATION MONITORING PLAN

This SAR section 8.2.1 constitutes the proposed Natural Attenuation with Monitoring Plan (NAMP), which is included in this SAR per subsection 62-780.680(8)(b)2, F.A.C.

Information that has been presented in this SAR documents that site conditions meet the criteria for Natural Attenuation with Monitoring per subsection 62-780.690(1), F.A.C. Accordingly, this NAMP has been prepared pursuant to subsection 62-780.690(8), F.A.C.

The monitoring program will include three monitoring wells; MW-2, MW-3 and MW-4. MW-3 and MW-4 are located downgradient of the plume, and MW-2 is located in the only area of groundwater contamination; that is, the source area (Figure 6.4).

These three monitoring wells will be sampled quarterly for analysis of the SVOCs phenol and 3+4-methylphenol by EPA Method 8270 (in accordance with the SAP). These are the only two COCs that have exceeded a GCTL during the SA. Currently, phenol is no longer detected at MW-2; however, it is included in this NAMP because 3+4-methylphenol can degrade to phenol. A minimum of two quarterly monitoring events will occur (October 2012 and January 2013); a maximum of 20 quarterly monitoring events will occur. Water levels will be measured in all six existing monitor wells during each quarterly monitoring event. The Department will be notified via e-mail no less than seven days prior to each sampling event.

Sampling and analysis activities will be conducted in accordance with applicable FDEP SOPs, and in accordance with the SAP dated January 12, 2012, which was approved by the Department on January 17, 2012. In accordance with the SAP, all samples will be collected by ECT and all laboratory analyses will performed by ASI (NELAC certification E87315).

The location of the temporary point of compliance will correspond with the locations of wells MW-3 and MW-4. If needed later, the location of the temporary point of

compliance may be moved further downgradient within the facility property while natural attenuation monitoring is being performed.

The Action Levels at the temporary point of compliance will be the standard GCTLs per Chapter 62-777, F.A.C. (i.e., 10 µg/L for phenol, 38.5 µg/L for 3+4-methylphenol). The Action Levels in the source area at MW-2 will be the natural attenuation default source concentrations (NADSC) per Table V in Chapter 62-777, F.A.C. (i.e., 100 µg/L for phenol, 385 µg/L for 3+4-methylphenol).

Within 60 days after each quarterly monitoring event, S-K will submit to the Department for review two copies of a Natural Attenuation with Monitoring Report (NAMR) per paragraph 62-780.690(8)(d), F.A.C. The report will include 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).

If analyses of groundwater samples indicate that concentrations of applicable contaminants exceed any action levels specified above, the well or wells will be resampled no later than 30 days after the initial positive result is known. If the results of the resampling confirm that the applicable action levels are exceeded, then the NAMR will be signed and sealed by an appropriate registered professional pursuant to Rule 62-780.400, F.A.C., and will include a proposal to: (1) Perform a supplemental site assessment and submit a supplemental Site Assessment Report pursuant to Rule 62-780.600, F.A.C.; or (2) Continue the implementation of the approved Natural Attenuation with Monitoring Plan; or (3) Prepare and submit a Remedial Action Plan pursuant to Rule 62-780.700, F.A.C.

The site is anticipated to achieve the applicable No Further Action criteria of Rule 62-780.680, F.A.C., as a result of natural attenuation in five years or less. The combined

concentrations of phenol and 3+4-methylphenol are expected to decline at an average annual rate of 25% or more during the NAMP monitoring (it is possible that short term increases in phenol could be observed, as 3+4-methylphenol can degrade to phenol).

On an annual basis, the analytical data will be evaluated in reference to the expected reductions in contaminant concentrations in monitoring wells to verify progress of site rehabilitation by natural attenuation. If the annual rate of expected cleanup progress is not achieved, then that NAMR will be signed and sealed by an appropriate registered professional pursuant to Rule 62-780.400, F.A.C., and will include a proposal to: (1) Perform a supplemental site assessment and submit a supplemental Site Assessment Report pursuant to Rule 62-780.600, F.A.C.; or (2) Continue the implementation of the approved Natural Attenuation with Monitoring Plan; or (3) Prepare and submit a Remedial Action Plan pursuant to Rule 62-780.700, 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.

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TABLES

System	Series	Stratigraphic unit	General lithology	Major lithologic unit	Hydrogeologic unit
Quaternary	Holocene and Pleistocene	Surficial sand, terrace sand, phosphorite	Predominantly fine sand; interbedded clay, marl, shell, limestone, phosphorite	Sand	Surficial aquifer
		Undifferentiated deposits ¹	Clayey and pebbly sand; clay, marl, shell, phosphatic	Clastic	Confining bed
Tertiary	Pliocene				INTERMEDIATE
	Miocene	Hawthorn Formation	Dolomite, sand, clay, and limestone; silty, phosphatic	Carbonate and clastic	Aquifer
		Tampa Limestone	Limestone, sandy, phosphatic, fossiliferous; sand and clay in lower part in some areas		CONFINING BEDS
	Oligocene	Suwannee Limestone	Limestone, sandy limestone, fossiliferous	Carbonate	FLORIDAN AQUIFER SYSTEM
	Eocene	Ocala Limestone	Limestone, chalky, foraminiferal, dolomitic near bottom		
		Avon Park Limestone ²	Limestone and hard brown dolomite; intergranular evaporite in lower part in some areas		Upper Floridan aquifer
		Lake City Limestone and Oldsmar Limestone ²	Dolomite and limestone, with intergranular gypsum in most areas		Middle confining unit
	Paleocene	Cedar Keys Limestone ²	Dolomite and limestone with beds of anhydrite	Carbonate with evaporites	Lower Floridan aquifer
					Lower confining unit

¹Includes all or parts of Caloosahatchee Marl, Bone Valley Formation, Alachua Formation, and Tamiami Formation.

²Since this report was prepared, the Avon Park, Oldsmar, and Cedar Keys Limestones have been changed to the Avon Park, Oldsmar, and Cedar Keys Formations. The Lake City Limestone has been abandoned, and the rocks are included in the lower part of the Avon Park Formation (Miller, 1984).

Table 1. Hydrogeologic framework of the Southern West-Central Florida Ground-Water Basin (from Ryder, 1985; modified from Wilson and Gerhart, 1982).

TABLE 3.1
REGIONAL HYDROGEOLOGIC FRAMEWORK
SAFETY-KLEEN
TAMPA, FLORIDA

Sources: ECT 2012.

ECT

Environmental Consulting & Technology, Inc.

Table 5.1. Soil: Summary of all Constituents Detected
Safety-Kleen Systems, Inc.
Tampa, Florida

Sample #	Date	Arsenic	Barium	Cadmium	Chromium	Lead	Selenium	Acetone	Chloroform
SCTLs: Residential		2.1	120	82	210	400	440	11,000	0.4
SCTLs: Industrial		12	130,000	1,700	470	1,400	11,000	68,000	0.6
SCTLs: Leachability		***	1,600	7.5	38	***	5.2	25	0.4
SB-1 (0.5 ft bls)	02/01/12	<0.75	15.3	0.22 J	5.62	2.90	2.09 J	<0.0017	0.0001 J
SB-1 (2.0 ft bls)	02/01/12	<0.77	17.7	0.22 J	8.66	2.12 J	1.18 J	0.0092 J	0.0002 J
SB-2 (0.5 ft bls)	02/01/12	1.21 J	35.4	0.20 J	5.14	6.62	2.16 J	<0.0021	0.0001 J
SB-2 (2.0 ft bls)	02/01/12	<0.81	14.7	0.07 J	4.75	9.97	1.48 J	<0.0016	0.0002 J
SB-3 (0.5 ft bls)	02/01/12	<0.82	31.7	0.09 J	5.30	4.18	2.09 J	<0.0017	0.0003 J
SB-3 (2.0 ft bls)	02/01/12	<0.78	14.4	0.05 J	3.83	1.39 J	2.04 J	<0.0016	0.0001 J

Notes: All concentrations in units of mg/kg
All soil concentration results are below all SCTLs.
mg/kg = Milligrams per kilogram.
SCTLs = Soil cleanup target levels per Chapter 62-777, Florida Administrative Code.
< = Less than method detection limit.
*** Leachability values may be derived using the SPLP test to calculate site-specific SCTLs or may be determined using TCLP in the event oily wastes are present.

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

Table 5.1. Soil: Summary of all Constituents Detected
Safety-Kleen Systems, Inc.
Tampa, Florida

Sample #	Date	1,4-Dichlorobenzene	Fluoranthene	Phenanthrene	Pyrene	Toluene	1,2,4-Trimethylbenzene	m+p-Xylene
SCTLs: Residential		6.4	3,200	2,200	2,400	7,500	18	130
SCTLs: Industrial		9.9	59,000	36,000	45,000	60,000	95	700
SCTLs: Leachability		2.2	1,200	250	880	0.5	0.3	0.2
SB-1 (0.5 ft bls)	02/01/12	<0.0003	<0.14	<0.13	<0.15	0.0004 J	0.0002 J	0.0005 J
SB-1 (2.0 ft bls)	02/01/12	<0.0004	<0.14	<0.13	<0.15	<0.0002	<0.0001	<0.0002
SB-2 (0.5 ft bls)	02/01/12	<0.0004	<0.16	<0.15	<0.17	<0.0002	<0.0002	<0.0003
SB-2 (2.0 ft bls)	02/01/12	<0.0003	0.23 J	0.15 J	0.20 J	<0.0002	<0.0002	<0.0002
SB-3 (0.5 ft bls)	02/01/12	<0.0003	<0.14	<0.13	<0.16	<0.0002	<0.0002	<0.0002
SB-3 (2.0 ft bls)	02/01/12	0.0004 J	<0.14	<0.13	<0.16	<0.0002	<0.0002	<0.0002

Notes: All concentrations in units of mg/kg
All soil concentration results are below all SCTLs.
mg/kg = Milligrams per kilogram.
SCTLs = Soil cleanup target levels per Chapter 62-777, Florida Administrative Code.
< = Less than method detection limit.
*** Leachability values may be derived using the SPLP test to calculate site-specific SCTLs or may be determined using TCLP in the event oily wastes are present.

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

Table 5.2 Well Construction Summary
Safety Kleen Systems, Inc.
Tampa, Florida
EPA ID#: FLD 980 847 271

Well Identification	Date Installed	Latitude DMS	Longitude DMS	Total Depth-TOC (feet)	Primary Surface Casing		Well Screen		Elevations		Monitoring Interval		
					Diameter (inches)	Length (feet)	Slot Size (inches)	Length (feet)	Ground Surface (ft above NGVD)	Top of Casing (ft above NGVD)	feet (BGS)	(feet NGVD)	Lithology
Surficial Aquifer Monitoring Wells													
MW-1	02/01/12	27°55'33.4"	82°23'40.4"	12.19	2	2	0.006	10	13.14	13.00	2.1 - 12.1	11.0 - 1.0	Sand, silty-sand, silty-clayey-sand, silty-sand with shells.
MW-2	02/01/12	27°55'34.0"	82°23'40.2"	12.27	2	2	0.006	10	12.79	12.44	2.4 - 12.4	10.4 - 0.4	Sand, silty-sand, silty-clayey-sand.
MW-3	02/01/12	27°55'34.4"	82°23'40.4"	12.22	2	2	0.006	10	11.75	11.45	2.3 - 12.3	9.5 - -0.6	Sand to silty-sand.
MW-4	02/01/12	27°55'33.9"	82°23'40.8"	12.37	2	2	0.006	10	11.67	11.56	2.1 - 12.1	9.6 - -0.4	Sand, silty-sand, silty-clayey-sand, silty-sand with shells.
MW-5	02/01/12	27°55'35.1"	82°23'37.8"	12.01	2	2	0.006	10	13.97	13.55	2.4 - 12.4	11.6 - 1.6	Sand, silty-sand, silty-clayey-sand, silty-sand with shells.
MW-6D	07/17/12	27°55'34.1"	82°23'40.3"	48.23	6	25	0.006	5	12.18	11.93	41.3 - 46.3	-29.1 - -34.1	Limestone-weathered.

Notes: BGS = Below ground surface.
TOC = Top of Casing.
NGVD = National Geodetic Vertical Datum of 1929.
DMS = Degrees, Minutes, and Seconds.
TOC Elevations were surveyed relative to NGVD 1929 as approximated from facility elevation survey (Figure 2.2-4 in 2011 ROPRA).

Source: ECT, 2012.

TABLE 5.3. GROUNDWATER: SUMMARY OF ALL CONSTITUENTS DETECTED
Safety-Kleen Systems, Inc.
Tampa, Florida

		RCRA Metals, Total						Aquifer Quality Characterization Parameters						
Well No.	Date	Arsenic (mg/L)	Barium (mg/L)	Cadmium (mg/L)	Chromium (mg/L)	Lead (mg/L)	Selenium (mg/L)	Total Dissolved Solids (mg/L)	Chloride (mg/L)	Sulfate (mg/L)	Iron, Total (mg/L)	Iron, Dissolved (mg/L)	Manganese, Total (mg/L)	Manganese, Dissolved (mg/L)
Primary MCL		0.010	2	0.005	0.10	0.015	0.05							
Secondary MCL								500	250	250	0.30	0.30	0.05	0.05
GCTL														
MW-1	02/08/12	0.0049 J	0.0890	<0.00007	<0.0005	0.0003 J	<0.0008	1,200	140	2.0	30.0	31.0	0.990	1.08
	04/09/12	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	34.9	N/A	0.918	N/A
	07/19/12	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
MW-2	02/08/12	0.0021 J	0.0164	0.00008 J	0.0022 J	0.0043	<0.0008	726	120	35	1.30	0.660	0.019 J	0.019
	04/09/12	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.702	N/A	0.044	N/A
	07/02/12	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	07/19/12	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
MW-3	02/08/12	0.0030 J	0.0026 J	<0.00007	<0.0005	0.0007 J	0.0015 J	1,060	240	5.6	11.0	11.6	0.309	0.334
	04/09/12	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	8.15	N/A	0.238	N/A
	07/19/12	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
MW-4	02/08/12	0.0026 J	0.0762	<0.00007	<0.0005	<0.0002	0.0036 J	1,430	190	0.76	10.5	11.3	0.105	0.117
	04/09/12	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	12.2	N/A	0.100	N/A
	07/19/12	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
MW-5	02/08/12	<0.0015	0.0304	<0.00007	0.0012	<0.0002	<0.0008	478	34	14	0.540	0.423	0.015	0.019 J
	04/09/12	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	7.25	N/A	0.012 J	N/A
MW-6D	07/19/12	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Notes: No Primary MCL was exceeded in any sample.
MCL = Maximum contaminant level per Chapter 62-550, Florida Administrative Code.
mg/L = Milligrams per liter.
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., 2012; and
ECT, 2012.

TABLE 5.3. GROUNDWATER: SUMMARY OF ALL CONSTITUENTS DETECTED
Safety-Kleen Systems, Inc.
Tampa, Florida

		Volatile Organic Compounds (by Method 8260)										
Well No.	Date	Acetone (µg/L)	Benzene (µg/L)	Chloro- benzene (µg/L)	Chloroform (µg/L)	1,4-Dichloro- benzene (µg/L)	p-Isopropy- toluene (µg/L)	Methylene Chloride (µg/L)	Methyl Ethyl Ketone (2-Butanone) (µg/L)	Naphthalene (µg/L)	Toluene (µg/L)	Calculated Total VOCs (µg/L)
Primary MCL			1	100		75		5			1000	
Secondary MCL											40*	
GCTL		6,300			70				4,200	14		
MW-1	02/08/12	4.6 J	<0.3	<0.5	<0.6	<0.6	<0.4	<0.6	<1.8	<0.4	33	37.6
	04/09/12	5.1 J	<0.3	<0.5	<0.6	<0.6	<0.4	<0.6	<1.8	<0.4	0.7 J	5.8
	07/19/12	<6.1	<0.1	<0.3	<0.4	<0.3	<0.8	<0.2	<1.3	<0.9	<0.2	BDL
MW-2	02/08/12	27 J	<0.3	2.3 J	8.4	38	<0.4	1.1 J	4.8 J	<0.4	<0.4	81.6
	04/09/12	22 J	<0.3	0.7 J	<0.6	2.5 J	<0.4	<0.6	<1.8	<0.4	28	53.2
	07/02/12	73 J	<0.1	<0.3	<0.4	1.5 J	16	<0.2	3.3 J	<0.9	5.1	98.9
	07/19/12	220	0.2 J	0.6 J	<0.4	1.4 J	7.7 J	<0.2	4.5 J	<0.9	7.3	241.7
MW-3	02/08/12	5.9 J	<0.3	<0.5	<0.6	<0.6	<0.4	<0.6	4.0 J	4.1 J	<0.4	14
	04/09/12	14 J	<0.3	<0.5	<0.6	<0.6	<0.4	<0.6	<1.8	<0.4	<0.4	14
	07/19/12	<6.1	<0.1	<0.3	<0.4	<0.3	<0.8	<0.2	<1.3	<0.9	<0.2	BDL
MW-4	02/08/12	<3.8	<0.3	<0.5	<0.6	<0.6	<0.4	<0.6	<1.8	4.6 J	<0.4	4.6
	04/09/12	<3.8	<0.3	<0.5	<0.6	<0.6	<0.4	<0.6	<1.8	9.2 J	<0.4	9.2
	07/19/12	<6.1	<0.1	<0.3	<0.4	<0.3	<0.8	<0.2	<1.3	2.4 J	<0.2	2.4
MW-5	02/08/12	4.0 J	<0.3	<0.5	<0.6	<0.6	<0.4	<0.6	<1.8	<0.4	<0.4	4.0
	04/09/12	N/A	<0.3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
MW-6D	07/19/12	<6.1	<0.1	<0.3	<0.4	<0.3	<0.8	<0.2	<1.3	<0.9	<0.2	BDL

Notes: No Primary MCL was exceeded in any sample.
MCL = Maximum contaminant level per Chapter 62-550, Florida Administrative Code.
mg/L = Milligrams per liter.
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., 2012; and
ECT, 2012.

TABLE 5.3. GROUNDWATER: SUMMARY OF ALL CONSTITUENTS DETECTED
Safety-Kleen Systems, Inc.
Tampa, Florida

		Semivolatile Organic Compounds (by 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)	Calculated Total SVOCs (µg/L)
Primary MCL			75					
Secondary MCL								
GCTL		28,000		5,600	38.5	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
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
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
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	N/A
MW-6D	07/19/12	<2.9	<2.7	<3.7	<5.1	<3.5	<2.7	BDL

Notes: No Primary MCL was exceeded in any sample.
MCL = Maximum contaminant level per Chapter 62-550, Florida Administrative Code.
mg/L = Milligrams per liter.
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., 2012; and
ECT, 2012.

TABLE 5.4 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	

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, 2012.

Gradient Calculations*

DATE
02/08/12
04/09/12
07/02/12
07/19/12

AVERAGE Gradient

REPRESENTATIVE: Without 7/19 Extreme

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

ELEV	ELEV	FT	FT	
7.98	7.80	0.18	37.00	0.00486
8.92	8.1	0.82	35	0.02343
11.22	10.5	0.72	52	0.01385
11.58	10.8	0.78	31	0.02516

0.017

0.0140

AMBIENT

Contour downgrad. Head diff Distance Gradient
Scenario contour

ELEV	ELEV	FT	FT	
8.00	7.80	0.20	68.00	0.00294
8.30	8.1	0.20	67	0.00299
10.90	10.5	0.40	94	0.00426
11.10	10.8	0.30	59	0.00508

0.0038

0.0034

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

TABLE 6.1. REGULATORY CONCENTRATIONS FOR 3+4-METHYLPHENOL
Safety-Kleen, Tampa, Florida

	Groundwater	Tap Water	Soil - Direct Exposure	
	FDEP GCTL (µg/L)	EPA RSL (µg/L)	SCTL - Residential (mg/kg)	SCTL -Commercial / Industrial (mg/kg)
3-Methyphenol (m-cresol)	35	720	2,900	33,000
4-Methyphenol (p-cresol)	3.5	1,400	300	3,400
3+4-Methyphenol (combined)*	38.5	2,120	3,200	36,400

Notes:

GCTL = Groundwater Cleanup Target Level per Chapter 62-777 of the Florida Administrative Code (F.A.C.).

SCTL = Soil Cleanup Target Level per Chapter 62-777, F.A.C.

µg/L = Micrograms per liter.

mg/L = Milligrams per liter.

EPA RSL = Regional Screening Level for Tap Water (EPA, updated May 2012)

* = In this SAR, "3+4-Methyphenol" is reported as the combined concentration of 3-Methyphenol plus 4-Methyphenol, per the approved SAP.

TABLE 6.2. ESTIMATED MIGRATION VELOCITIES FOR 3+4-METHYLPHENOL IN SURFICIAL AQUIFER GROUNDWATER - Two Hydraulic Gradient Scenarios
Safety-Kleen, Tampa, Florida

Gradient Scenarios	Hydraulic Conductivity (K - ft/day)	Hydraulic Gradient (i - ft/ft)	Effective Porosity (n _e - %)	GW Flow Velocity		Soil Part. Density (p _s - g/cm ³)	Soil Bulk Density (p _b - g/cm ³)	Fraction Org. Carbon f _{oc} - %	Org carb/water Part. Coeff.* K _{oc} -	Retardation Factor R _f	Estimated Contaminant Migration Velocity	
				(V _{gw} - ft/day)	(V _{gw} - ft/yr)						(V _c - ft/day)	(V _c - ft/yr)
MW-2 Mound	1.6	0.017	35%	7.8E-02	28	2.6	1.7	0.50%	41	2.0	3.9E-02	14
"Ambient"	1.6	0.0038	35%	1.7E-02	6.3	2.6	1.7	0.50%	41	2.0	8.7E-03	3.2

Data Input Parameters

Hydraulic Conductivity (K)

Hydraulic Gradient (i)

Effective Porosity (n_e)

Soil Particulate Density (p_s)

Soil Bulk Density (p_b)

Fraction Organic Carbon (f_{oc})

Organic carbon/water Partition Coefficient (K_{oc})

Retardation Factor (R_f)

Estimated Contaminant Migration Velocity (V_c)

Data Source / Explanation

Average of 6 slug tests (range: 1.1 to 2.6, average = 1.6 ft/day)

Calculated average for given Scenario (all 4 data events - conservative)

Estimated for loose sand / backfill

Estimated / typical for silty, fine quartz sand

Calculated based on input

Average from 3 onsite tests (0.15, 0.60, 0.76%)

ATSDR, Sept. 2008 (<http://www.atsdr.cdc.gov/ToxProfiles/tp34-c4.pdf>)*

Calculated based on input

Calculated based on input

Equations

$$V_c = V_{gw} / R_f$$

$$V_{gw} = K i / n_e$$

$$R_f = 1 + (p_b / n_e) (K_{oc} f_{oc})$$

$$p_b = p_s (1 - n_e)$$

* ATSDR Table 4-2 shows Log K_{oc} values for 3-Methylphenol (m-cresol) and 4-Methylphenol (p-cresol) of 1.54 and 1.69, respectively. The average of those two Log K_{oc} values is 1.62, and thus an estimated K_{oc} value of 41 is applied here for 3+4-methylphenol.

FIGURES



FIGURE 2.1
REGIONAL LOCATION MAP
SAFETY-KLEEN
HILLSBOROUGH COUNTY, TAMPA, FLORIDA

Sources: ESRI Street Map Data, 2011; ECT, 2012.

ECT
Environmental Consulting & Technology, Inc.

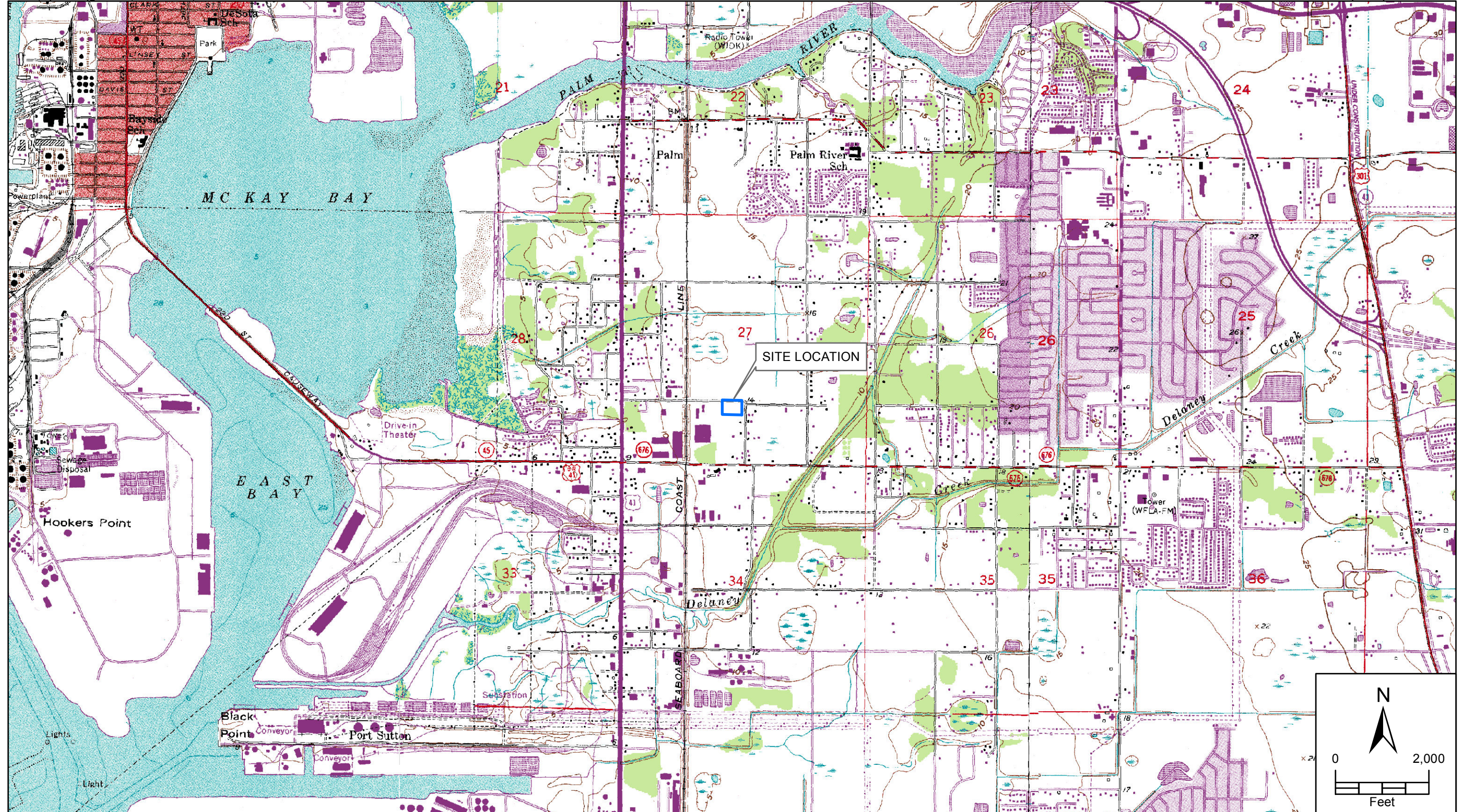
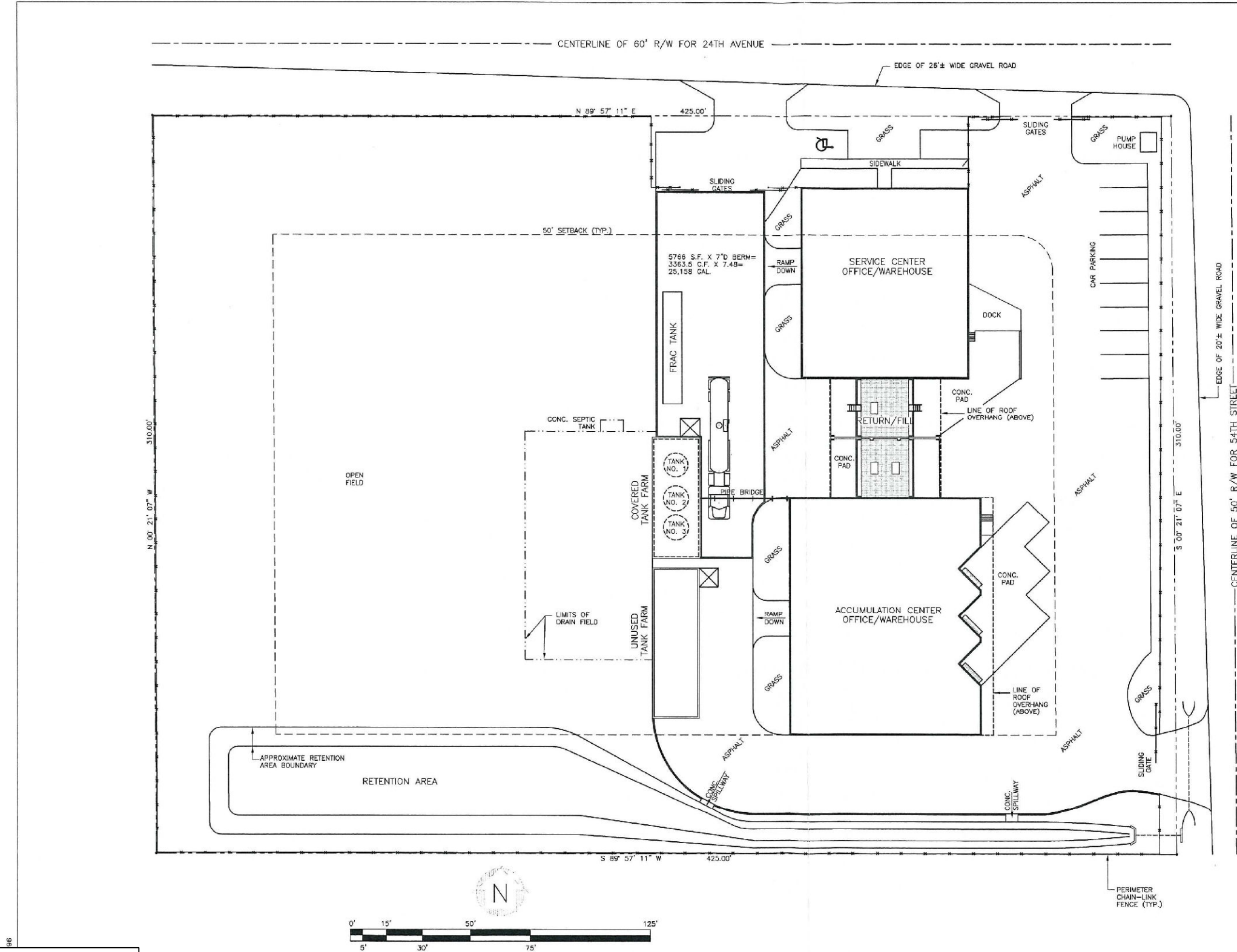


FIGURE 2.2
VICINITY MAP
SAFETY-KLEEN
HILLSBOROUGH COUNTY, TAMPA, FLORIDA



GENERAL NOTES

ABBREVIATION LEGEND

CONC - CONCRETE
UMS - USED MINERAL SPIRITS
CMS105 - CLEAN MINERAL SPIRITS 105'
CMS150 - CLEAN MINERAL SPIRITS 150'
USG - UNITED STATES GALLONS

TANK LEGEND

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

REVISIONS

NO.	DESCRIPTION	BY	CHK	APPR	DATE
A	RELEASED TO DP FOR REVIEW	MBH	KJM	DP	10/24/96
B	REVISE TO SHOW EXISTING CONDITIONS	JEK	DP	DP	06/14/04
C	ADD PROPOSED FRAC TANK PAD	JEK	DP	DP	03/24/09

PROPRIETARY STATEMENT

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1390 Boone Industrial Drive Suite 200 Columbia MO 65202
Phone: (573) 443-7100 Fax: (573) 443-7181

SITE PLAN
PROPOSED

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

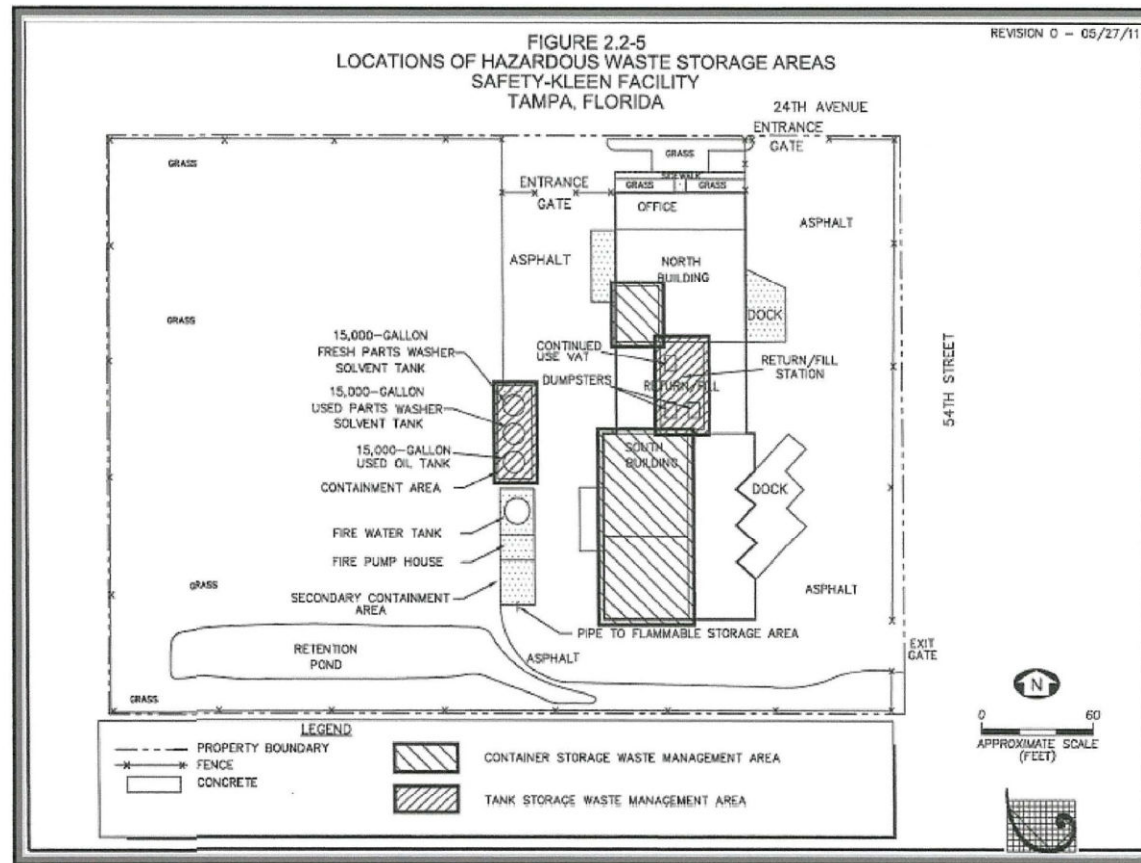
SCALE	BY	CHKD	APPROVED	OPERATIONS	DATE
1"=20'-0"	MBH	KJM	DP		10-24-96
SERVICE CENTER LOCATION	SO-DWG NUMBER		REV. NO.		
TAMPA, FL.	7098-SP00-001		C		

FIGURE 2.3
FACILITY MAP
ECT, AUGUST 2012 SRCR

Permittee:
Safety-Kleen Systems, Inc.
5309 24th Avenue South
Tampa, Florida 33619

EPA I.D. Number: FLD 980 847 271
Permit/Certification Number: 34744-HO-007
Expiration Date: November 23, 2016

Attachment I Facility Map



Page 39 of 42

FIGURE 2.4
LOCATIONS OF HAZARDOUS WASTE STORAGE AREAS
SAFETY-KLEEN
HILLSBOROUGH COUNTY, TAMPA, FLORIDA

Sources: Facility Permit, 2012; ECT, 2012

ECT
Environmental Consulting & Technology, Inc.

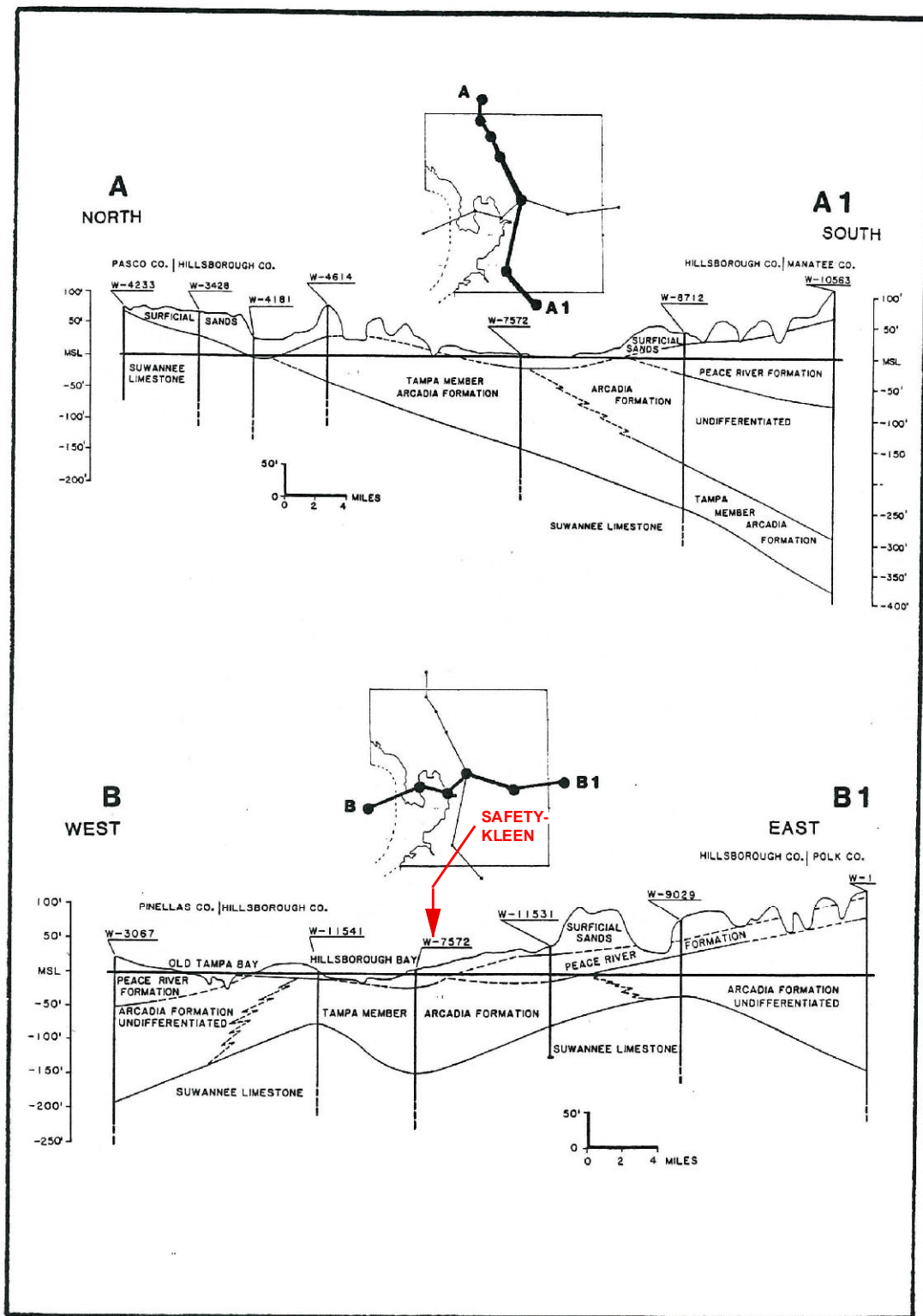


Figure 58. Geologic sections showing surficial material overlaying the Peace River and Arcadia Formations (Campbell, 1984).

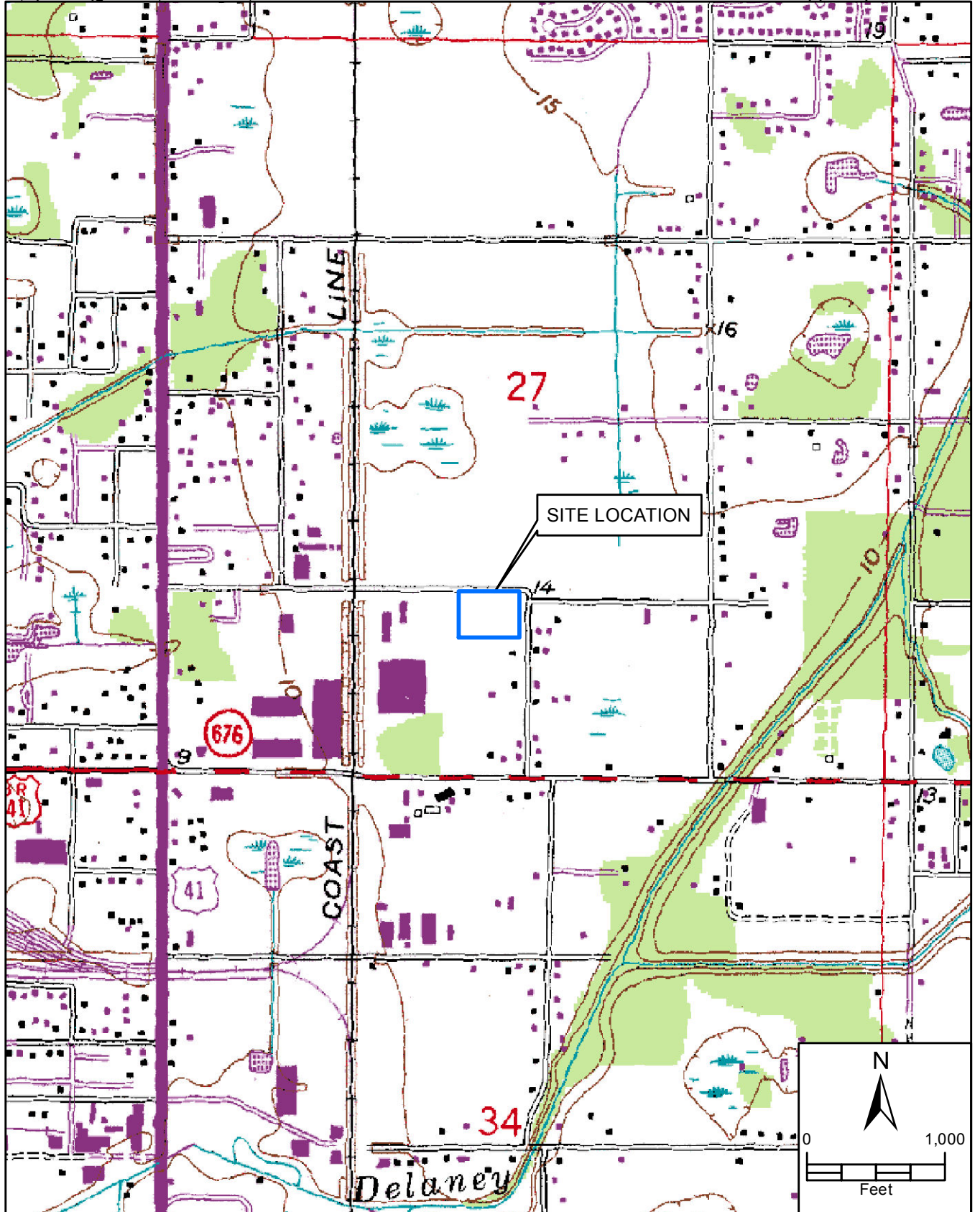


FIGURE 3.2
TOPOGRAPHIC MAP
SAFETY-KLEEN
HILLSBOROUGH COUNTY, TAMPA, FLORIDA

Sources: USGS Quad Map of Tampa, FL., 1981; Hillsborough Property Appraiser's Office, 2011; ECT, 2012

ECT
Environmental Consulting & Technology, Inc.



FIGURE 5.1
LOCATIONS OF ALL SOIL AND GROUNDWATER SAMPLES
SAFETY-KLEEN
TAMPA, FLORIDA

Sources: Hillsborough County Property Appraiser's Office, 2011; SWFWMD Aerial Photograph, 2011; ECT 2012.

ECT

Environmental Consulting & Technology, Inc.

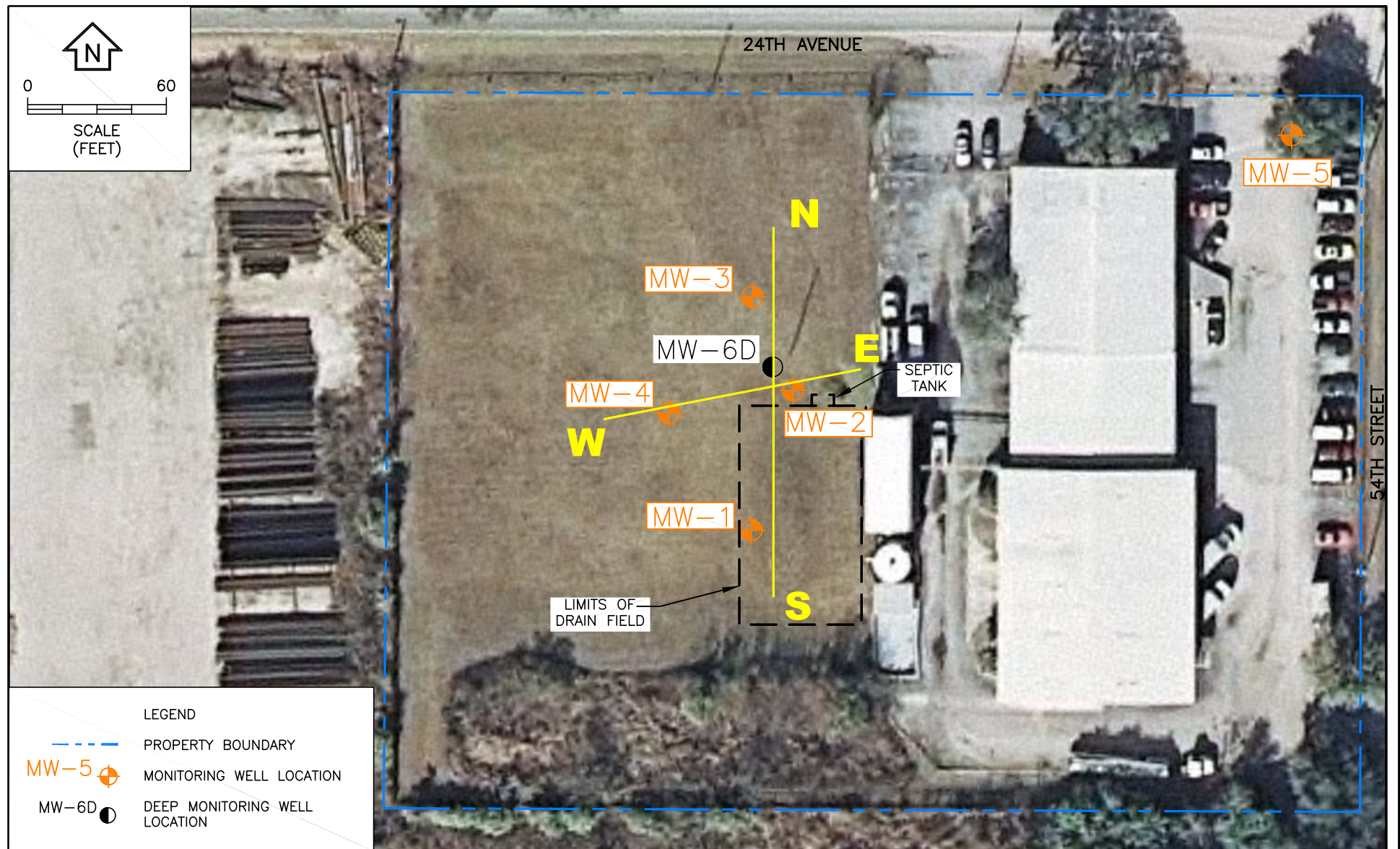


FIGURE 6.1
LOCATIONS OF HYDROSTRATIGRAPHIC CROSS SECTIONS E-W AND S-N
SAFETY-KLEEN
TAMPA, FLORIDA

Sources: Hillsborough County Property Appraiser's Office, 2011; SWFWMD Aerial Photograph, 2011; ECT 2012.

ECT

Environmental Consulting & Technology, Inc.

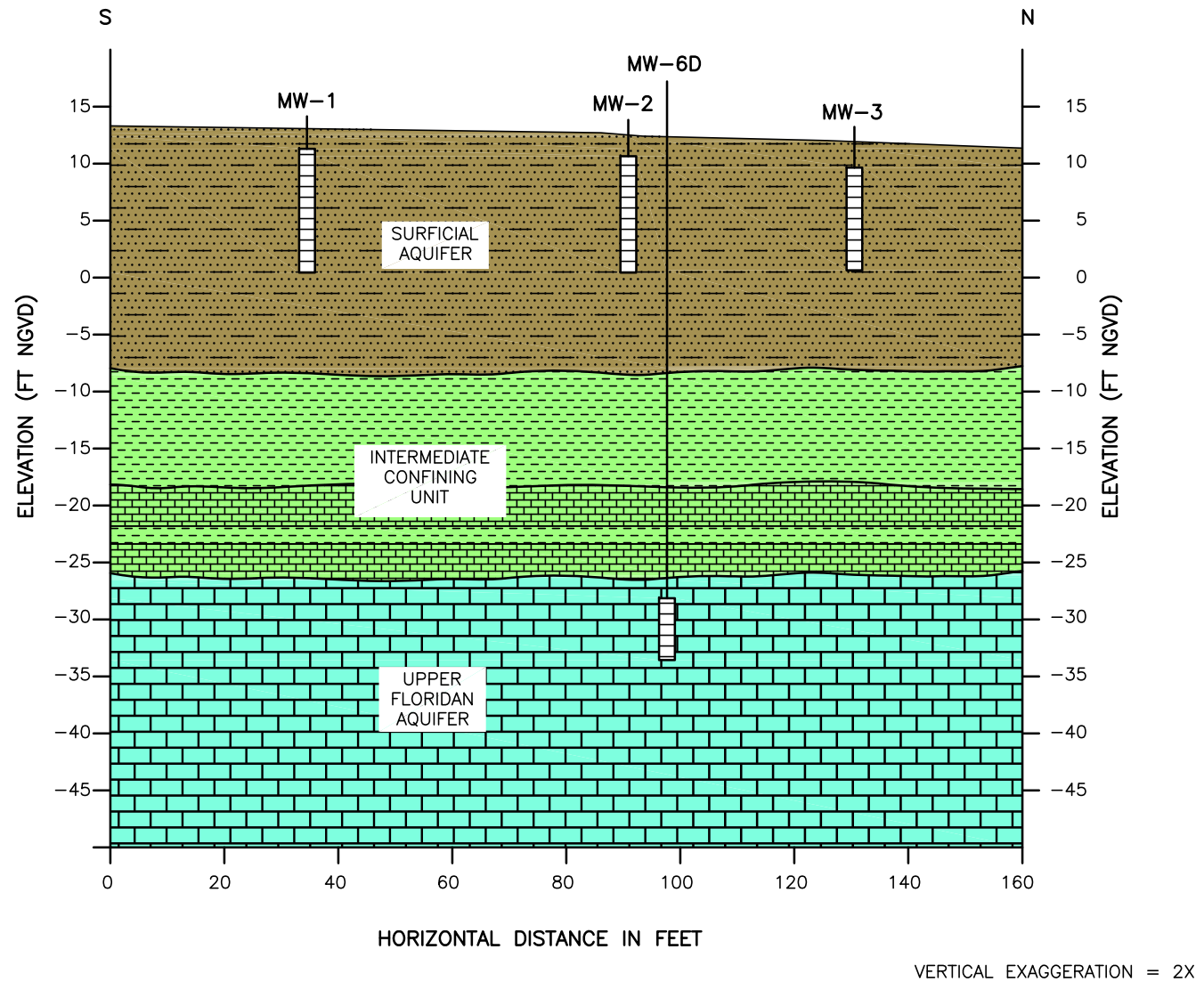


FIGURE 6.2.
HYDROSTRATIGRAPHIC CROSS SECTION S-N
SAFETY-KLEEN
TAMPA, FLORIDA

Sources: ECT 2012.

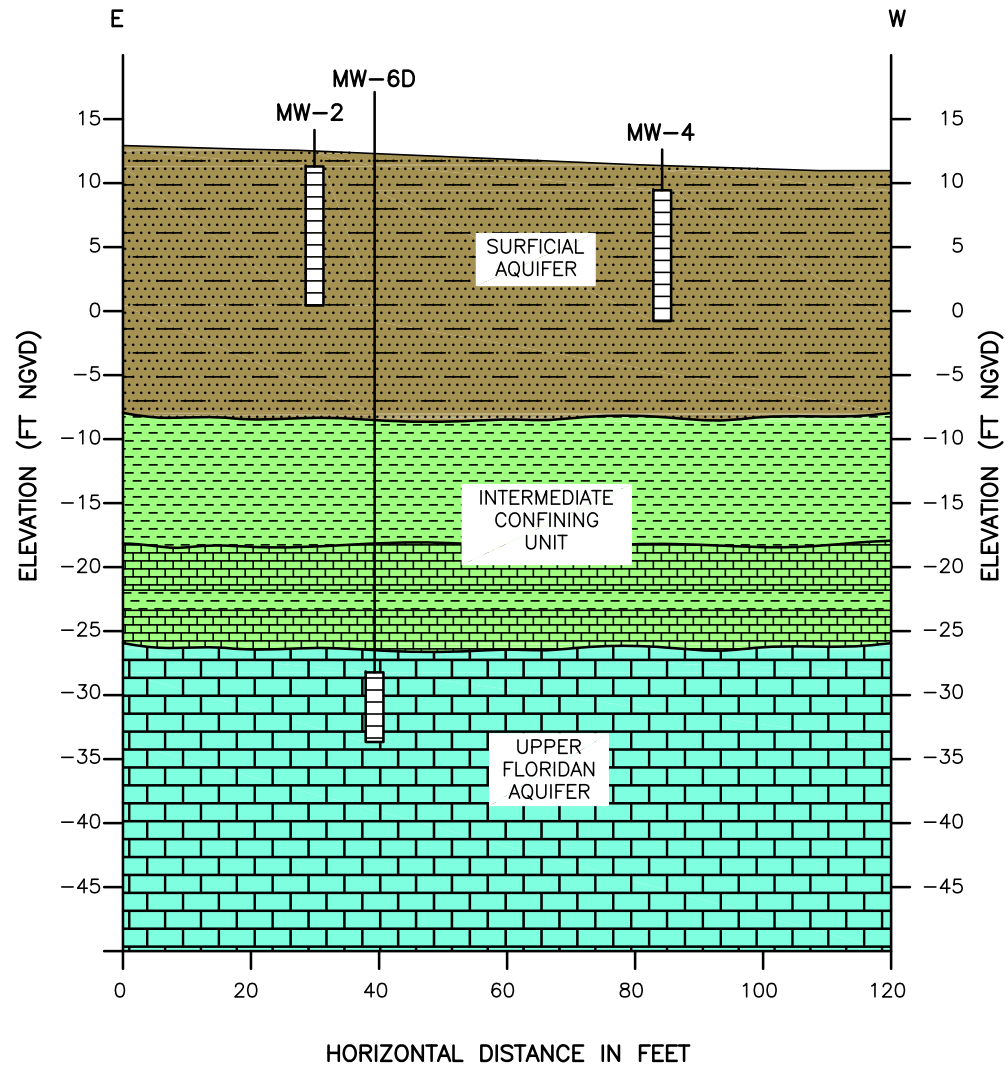


FIGURE 6.3.
HYDROSTRATIGRAPHIC CROSS SECTION E-W
SAFETY-KLEEN
TAMPA, FLORIDA

Sources: ECT 2012.

ECT

Environmental Consulting & Technology, Inc.



FIGURE 6.4
EXTENT OF GROUNDWATER CONTAMINATION; 3+4-METHYLPHENOL ON 7/19/12
SAFETY-KLEEN
TAMPA, FLORIDA

Sources: Hillsborough County Property Appraiser's Office, 2011; SWFWMD Aerial Photograph, 2011; ECT 2012.

ECT

Environmental Consulting & Technology, Inc.

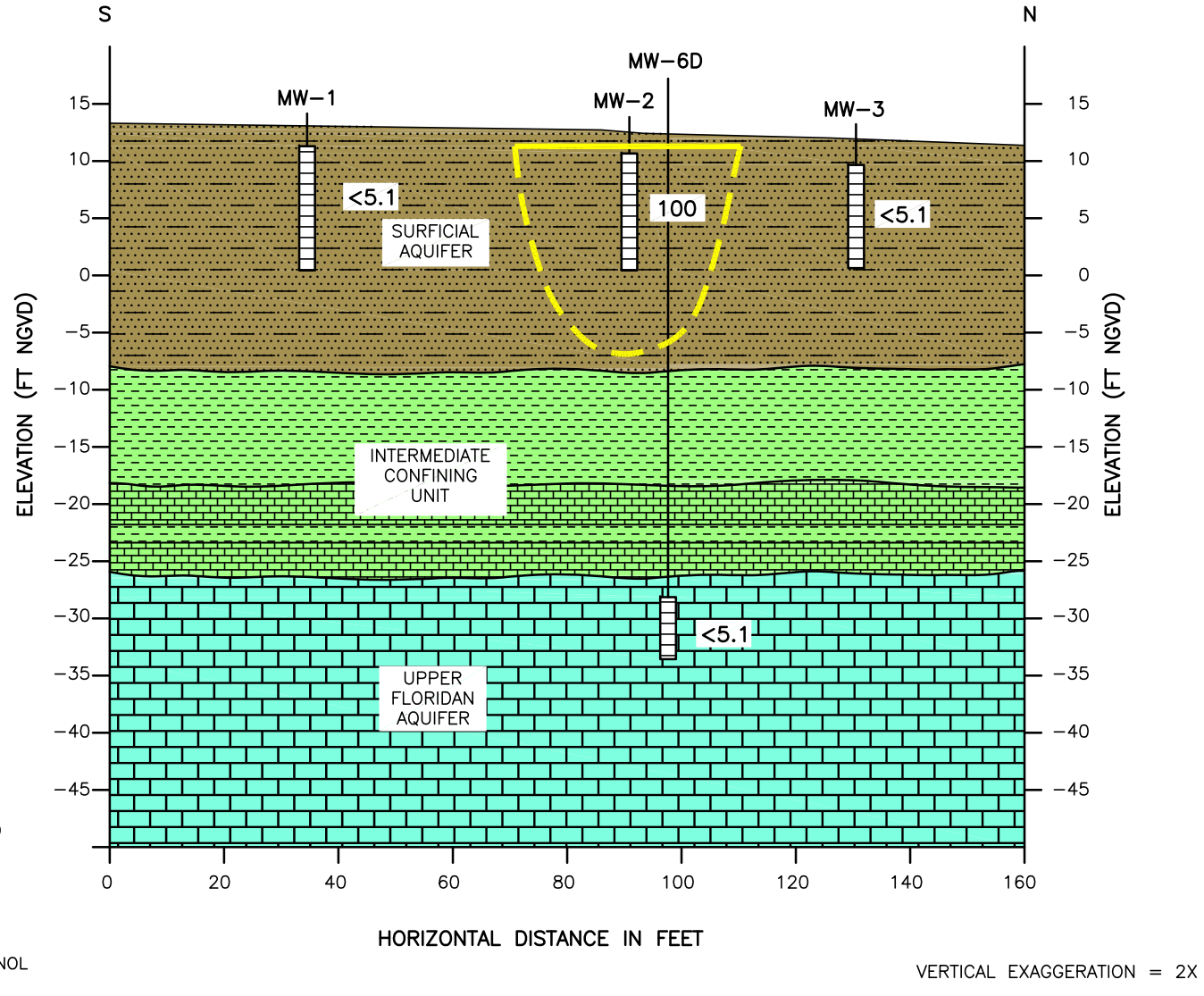


FIGURE 6.5.
HYDROSTRATIGRAPHIC CROSS SECTION S-N SHOWING EXTENT OF GROUNDWATER
CONTAMINATION ON 7/19/12
SAFETY-KLEEN
TAMPA, FLORIDA
Sources: ECT 2012.

APPENDIX 3A

WATER WELL SURVEY RESULTS

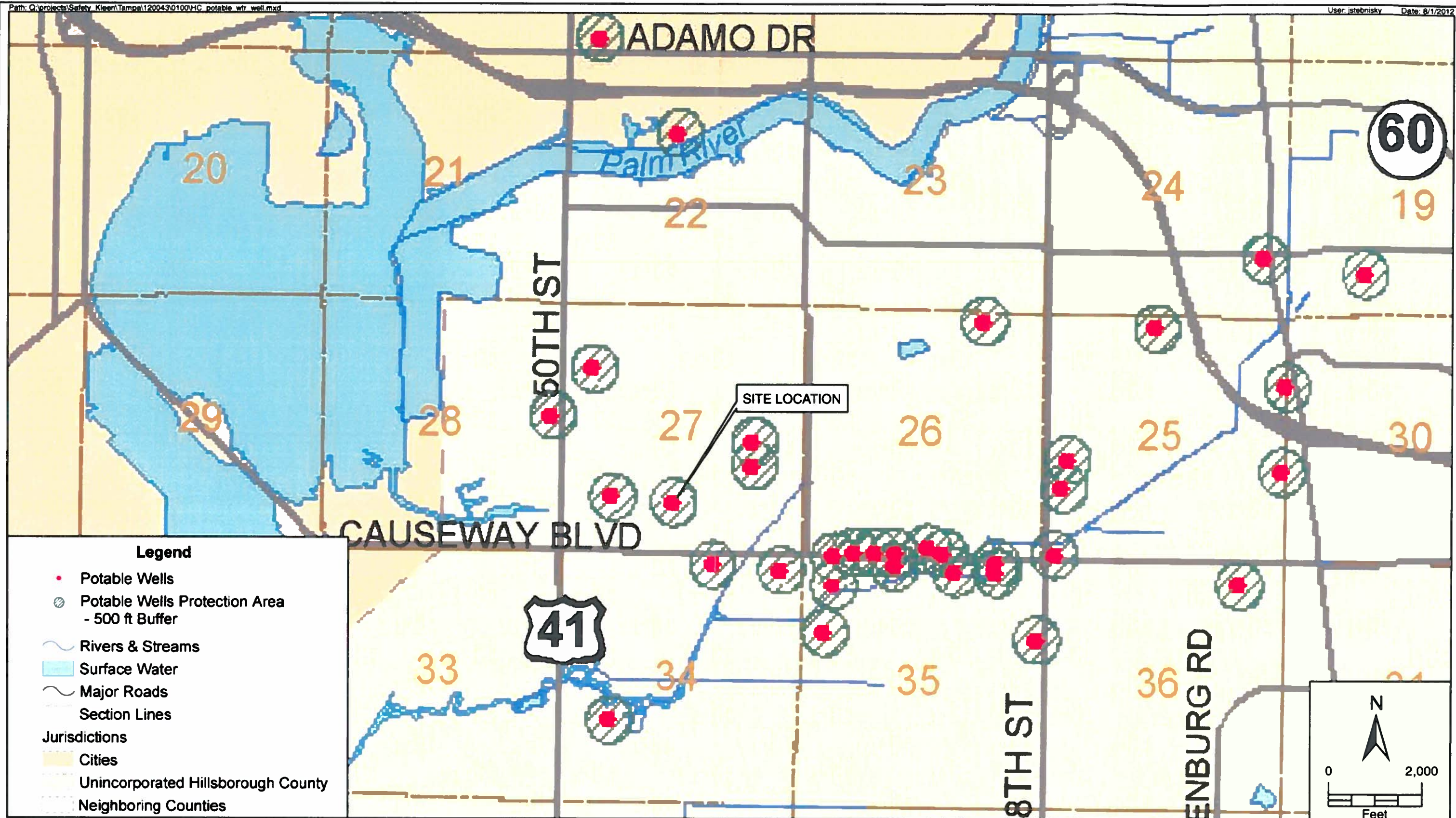


FIGURE .
HILLSBOROUGH COUNTY POTABLE WATER WELLFIELD PROTECTION AREAS MAP
SAFETY-KLEEN
HILLSBOROUGH COUNTY, TAMPA, FLORIDA

TABLE 2.2-1

**SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT
CONSUMPTIVE USE PERMITS**

Location		Owner Name	Well Type	Well Depth (Feet)	Well Diameter (Inches)	Well No.	Permit No.
Latitude	Longitude						
275554	822323	Aoki Plant Nursery	Irrigation	250	6	WD #1	08166-00
275554	822323	Aoki Plant Nursery	Irrigation	100	6	WD #2	08166-00

TABLE 2.2-2

**SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT
WELL CONSTRUCTION PERMITTING**

Location	Owner Name	Well Type	Well Depth (Feet)	Well Diameter (Inches)	Case Depth (Feet)	Permit No.
S T R						
272919	R. Rodriguez	Irrigation	135	4	46	308682
272919	General Telephone	Irrigation	100	4	37	434162
272919	GTE Mobilnet	Irrigation	170	4	68	488390
272919	G.L. Anderson	Irrigation	140	4	60	494100
272919	Aoki Plant Nursery	Irrigation	200	6	63	414498
272919	Aoki Plant Nursery	Irrigation	235	6	139	422106
272919	Shop & Go	Public Supply	75	3	45	315978
272919	O. Mills	Public Supply	90	3	62	333207
272919	Richards Fuel	Public Supply	123	4	63	376079
272919	Key Construction	Public Supply	139	4	85	383081
272919	Joel & Mary Maggi	Public Supply	100	4	60	408551
272919	Causeway Med Clinic	Public Supply	95	4	38	425788
272919	Sunbelt Refrigeration	Public Supply	NA	4	NA	430518
272919	John Jacobson	Public Supply	120	4	60	472119
272919	Safety-Kleen	Public Supply	121	5	81	407715
272919	John Manfhin	Domestic	85	NA	42	349653
272919	Dusty Lillard	Domestic	172	2	111	349408
272919	Tom Goldtrap	Domestic	212	2	155	352823
272919	Esteban Perez	Domestic	67	2	31	379322

TABLE 2.2-2

**SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT
WELL CONSTRUCTION PERMITTING**

Location	Owner Name	Well Type	Well Depth (Feet)	Well Diameter (Inches)	Case Depth (Feet)	Permit No.
S T R						
272919	Hernando Pellicer	Domestic	80	2	65	381011
272919	Beverly Johnson	Domestic	40	2	40	422333
272919	Nick Capitano	Domestic	65	3	51	304993
272919	Ruth Kelley	Domestic	61	3	28	305608
272919	A. Paiz	Domestic	63	3	42	306444
272919	J.M. Martine	Domestic	90	3	42	306445
272919	G. Tew	Domestic	85	3	42	306959
272919	P.W. Kenney	Domestic	80	3	62	307235
272919	G.G. Moroles	Domestic	NA	NA	NA	308335
272919	A.D. Smith	Domestic	70	3	40	308501
272919	T.R. Hunzike	Domestic	65	3	30	310652
272919	S.L. Whitt	Domestic	65	3	31	310824
272919	Carl Sumner	Domestic	115	3	42	312912
272919	A. Losa	Domestic	70	3	37	316464
272919	J. Serrallas	Domestic	70	3	46	316465
272919	J.A. Hauser	Domestic	80	3	42	318570
272919	R. Alvarez	Domestic	64	3	38	322909
272919	Sears	Domestic	83	3	62	328299
272919	G. Lillard	Domestic	70	3	53	337189
272919	J.F. Murray	Domestic	120	3	42	337799

TABLE 2.2-2

**SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT
WELL CONSTRUCTION PERMITTING**

Location	Owner Name	Well Type	Well Depth (Feet)	Well Diameter (Inches)	Case Depth (Feet)	Permit No.
S T R						
272919	A. Mulion	Domestic	NA	3	NA	341884
272919	Fred Wright	Domestic	76	3	45	347993
272919	Ulysses Perez	Domestic	57	3	42	373042
272919	Lester Scott	Domestic	60	4	49	304873
272919	W.P. Cummins	Domestic	91	4	51	313556
272919	H. Pate	Domestic	82	4	61	319713
272919	L. Sequeira	Domestic	60	4	45	330077
272919	A. Perez	Domestic	57	4	31	339352
272919	Mary J. Capaz	Domestic	90	4	52	351808
272919	Shawver Const.	Domestic	114	4	NA	352239
272919	Shawver Const.	Domestic	118	4	52	352240
272919	Glenda Gilmore	Domestic	135	4	63	354041
272919	Gene Kelley	Domestic	142	4	52	356628
272919	Frank Reynolds	Domestic	48	4	32	358801
272919	Shawver Const.	Domestic	128	4	55	359266
272919	Phyllis G. Ansley	Domestic	161	4	62	370814
272919	Shawver Const.	Domestic	140	4	52	371165
272919	Manuel Pintado	Domestic	137	4	80	373114
272919	Shawver Const.	Domestic	131	4	52	376071
272919	Shawver Const.	Domestic	130	4	63	376072

TABLE 2.2-2

**SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT
WELL CONSTRUCTION PERMITTING**

Location	Owner Name	Well Type	Well Depth (Feet)	Well Diameter (Inches)	Case Depth (Feet)	Permit No.
S T R						
272919	Michael Anderson	Domestic	100	4	50	381082
272919	William Waycasser	Domestic	85	4	50	402304
272919	Allstate Homes	Domestic	80	4	52	402655
272919	Roger Gregory	Domestic	90	4	52	404161
272919	David Falcon	Domestic	90	4	42	406184
272919	Sarah Clouts	Domestic	60	4	50	417511
272919	Wallace Sheppard	Domestic	70	4	52	419985
272919	Eugene Folson	Domestic	70	4	52	420437
272919	Allstate Homes	Domestic	120	4	42	428968
272919	Jose Hernandez	Domestic	100	4	56	440412
272919	Antonio Perez	Domestic	63	4	42	442615
272919	Lawrence White	Domestic	90	4	56	458853
272919	Joseph A. Kzawczyk	Domestic	75	4	42	470066
272919	Richard Crouch	Domestic	140	4	42	471666
272919	James L. Jackson	Domestic	80	4	52	472141
272919	J.J.L. Development	Domestic	115	4	10	473839
272919	Larry Meadows	Domestic	75	4	44	482392
272919	Jose Puerto	Domestic	NA	4	NA	505647
272919	H. Pate	Mining	75	4	41	318680
272919	Chevron USA, Inc.	Monitoring	15	2	3	436565

TABLE 2.2-2

**SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT
WELL CONSTRUCTION PERMITTING**

Location	Owner Name	Well Type	Well Depth (Feet)	Well Diameter (Inches)	Case Depth (Feet)	Permit No.
S T R						
272919	Circle K	Monitoring	15	2	13	462925
272919	Circle K	Monitoring	15	2	13	462926
272919	Circle K	Monitoring	15	2	13	462927
272919	Circle K	Monitoring	15	2	13	462968
272919	Karpay Company	Monitoring	15	2	5	464901
272919	Karpay Company	Monitoring	15	2	5	464902
272919	Chevron	Monitoring	28	2	23	474833
272919	Kelly Electric	Monitoring	NA	2	NA	507270
272919	Kelly Electric	Monitoring	NA	2	NA	507271
272919	Kelly Electric	Monitoring	NA	2	NA	507272
272919	Kelly Electric	Monitoring	NA	2	NA	507273
272919	Kelly Electric	Monitoring	NA	2	NA	507274
342919	Felipe L. Pineiro	Irrigation	70	2	50	376413
342919	Pefersonal Electric Co.	Irrigation	120	4	84	398892
342919	Roberta Nos	Public Supply	115	4	65	313993
342919	Engineered Chemicals	Public Supply	90	4	52	396686
342919	Richards Fuel	Public Supply	120	4	61	39972
342919	Fasco, Inc.	Public Supply	60	4	47	421192
342919	Key Construction	Public Supply	180	4	94	427356
342919	Tampa Amalgamated Steel	Public Supply	90	4	64	434502

TABLE 2.2-2

**SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT
WELL CONSTRUCTION PERMITTING**

Location	Owner Name	Well Type	Well Depth (Feet)	Well Diameter (Inches)	Case Depth (Feet)	Permit No.
S T R						
342919	Isabel Arcia	Domestic	81	2	25	350227
342919	Carmen J. Cannella	Domestic	132	2	107	352470
342919	Manuel Carbo	Domestic	98	2	45	370802
342919	Isabel Arcia	Domestic	85	2	40	371148
342919	Luis F. Safoxit	Domestic	97	2	45	418760
342919	Luis Gonzalez	Domestic	65	2	48	421522
342919	Esteban Perez	Domestic	60	2	45	427513
342919	Isabel Arcia	Domestic	70	2	42	458645
342919	Carlos Greidinger	Domestic	64	2	42	482952
342919	Dewane B. Bennett	Domestic	63	2	36	483308
342919	M. Trejo	Domestic	60	3	32	307804
342919	C.T. Davidso	Domestic	90	3	42	312382
342919	Steel Crete	Domestic	76	3	38	313765
342919	S. Freind	Domestic	115	3	63	333507
342919	L.E. Horton	Domestic	75	3	54	339939
342919	T. Horton	Domestic	82	3	54	343852
342919	Rebecca H. Collins	Domestic	100	3	40	395662
342919	John A. Demmi	Domestic	125	4	53	306095
342919	J. Barber	Domestic	200	4	56	309419
342919	P.W. Nichols	Domestic	115	4	51	319021

TABLE 2.2-2

**SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT
WELL CONSTRUCTION PERMITTING**

Location	Owner Name	Well Type	Well Depth (Feet)	Well Diameter (Inches)	Case Depth (Feet)	Permit No.
S T R						
342919	T. Nunn	Domestic	158	4	123	325618
342919	D.E. Connell	Domestic	135	4	42	333331
342919	R.J. Mikols	Domestic	63	4	41	333752
342919	J. Joyce	Domestic	123	4	36	336366
342919	R. Manring	Domestic	90	4	57	336801
342919	T.A. Gower	Domestic	59	4	41	348028
342919	Ray D. Wilson	Domestic	101	4	49	348032
342919	K.B. Scull	Domestic	90	4	63	358640
342919	Daniel Richert	Domestic	105	4	42	359283
342919	Henry Valdez	Domestic	67	4	31	374875
342919	Erwin Leiss	Domestic	63	4	47	385865
342919	Allstate Homes	Domestic	100	4	51	389809
342919	James R. Brown	Domestic	85	4	52	394257
342919	George Beachum	Domestic	73	4	73	401874
342919	William Dennis	Domestic	NA	4	NA	407098
342919	John Windel	Domestic	62	4	62	410052
342919	Rudolph Chavez	Domestic	72	4	63	412500
342919	Jerry Fernandez	Domestic	100	4	42	412755
342919	Rex Chivers	Domestic	80	4	52	440651
342919	All State Manufactured	Domestic	80	4	32	443714

TABLE 2.2-2

**SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT
WELL CONSTRUCTION PERMITTING**

Location	Owner Name	Well Type	Well Depth (Feet)	Well Diameter (Inches)	Case Depth (Feet)	Permit No.
S T R						
	Homes, Inc.					
342919	R.C. Anderson	Domestic	102	4	88	483126
342919	Nitram, Inc.	Repair	0	8	80	404710
342919	Tampa Bay Trucking	Industrial	90	4	63	379718
342919	Plantain Products Co.	Industrial	86	6	63	407983
342919	Nitram, Inc.	Industrial	350	8	80	413273
342919	Nitran Chemical, Inc.	Industrial	503	12	75	315554
342919	Nitram, Inc.	Monitoring	14	2	14	402617
342919	Nitram, Inc.	Monitoring	20	2	15	402618
342919	Nitram, Inc.	Monitoring	19	2	19	402619
342919	Nitram, Inc.	Monitoring	18	2	18	402620
342919	Nitram, Inc.	Monitoring	18	2	18	402621
342919	Southern Mill Creek Products	Monitoring	45	2	31	412122
342919	Southern Mill Creek Products	Monitoring	43	2	29	412123
342919	Southern Mill Creek Products	Monitoring	40	2	28	412124
342919	Radiant Oil Co.	Monitoring	8	2	2	419233
342919	J.H. Williams Oil Co.	Monitoring	10	2	10	422143
342919	J.H. Williams Oil Co.	Monitoring	10	2	10	422144

TABLE 2.2-2

**SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT
WELL CONSTRUCTION PERMITTING**

Location	Owner Name	Well Type	Well Depth (Feet)	Well Diameter (Inches)	Case Depth (Feet)	Permit No.
S T R 342919	J.H. Williams Oil Co.	Monitoring	10	2	10	422145

TABLE 2.2-2

**SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT
WELL CONSTRUCTION PERMITTING**

Location	Owner Name	Well Type	Well Depth (Feet)	Well Diameter (Inches)	Case Depth (Feet)	Permit No.
S T R						
342919	J.H. Williams Oil Co.	Monitoring	10	2	10	422146
342919	Star Oil Co.	Monitoring	25	2	15	424787
342919	Star Oil Co.	Monitoring	25	2	15	424788
342919	Star Oil Co.	Monitoring	25	2	15	424789
342919	Star Oil Co.	Monitoring	25	2	15	424790
342919	Star Oil Co.	Monitoring	25	2	15	424791
342919	Star Oil Co.	Monitoring	25	2	15	424792
342919	Southern Mill Creek Products	Monitoring	41	2	29	433361
342919	Southern Mill Creek Products	Monitoring	41	2	29	433362
342919	Southern Mill Creek Products	Monitoring	62	2	48	433363
342919	Chemco Elec. Company	Monitoring	15	2	15	465814
342919	Chemco Elec. Company	Monitoring	15	2	15	465815
342919	Chemco Elec. Company	Monitoring	15	2	15	465816
342919	Chemco Elec. Company	Monitoring	15	2	15	465817
342919	Combustion Equipment, Inc.	Monitoring	15	2	15	466851
342919	Combustion Equipment, Inc.	Monitoring	15	2	15	466851

TABLE 2.2-2

**SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT
WELL CONSTRUCTION PERMITTING**

Location	Owner Name	Well Type	Well Depth (Feet)	Well Diameter (Inches)	Case Depth (Feet)	Permit No.
S T R						
342919	Combustion Equipment, Inc.	Monitoring	15	2	15	466852
342919	Combustion Equipment, Inc.	Monitoring	15	2	15	466853
342919	Nitram, Inc.	Monitoring	18	2	18	472365
342919	Nitram, Inc.	Monitoring	12	2	11	472366
342919	Nitram, Inc.	Monitoring	12	2	11	472367
342919	Mariani Asphalt Company	Monitoring	16	2	2	474071
342919	Mariani Asphalt Company	Monitoring	15	2	15	474073
342919	Mariani Asphalt Company	Monitoring	15	2	15	474074
342919	Carl A. Larson	Monitoring	15	2	4	496860
342919	Carl A. Larson	Monitoring	15	2	4	496861
342919	Carl A. Larson	Monitoring	15	2	4	496862
342919	Carl A. Larson	Monitoring	15	2	4	496863
342919	Nitram, Inc.	Monitoring	300	4	59	325775
342919	Chloride Metals	Monitoring	65	4	50	361895
342919	Chloride Metals	Monitoring	15	4	10	374087
342919	Chloride Metals	Monitoring	15	4	10	374088
342919	Chloride Metals	Monitoring	15	4	10	374089
342919	Chloride Metals	Monitoring	15	4	10	374090
342919	Nitram, Inc.	Monitoring	19	4	4	401197

TABLE 2.2-2

**SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT
WELL CONSTRUCTION PERMITTING**

Location	Owner Name	Well Type	Well Depth (Feet)	Well Diameter (Inches)	Case Depth (Feet)	Permit No.
S T R						
342919	Tom Anderson	Monitoring	86	4	42	474483
272919	Robert Thomas	Domestic	140	4	80	537605.01
272919	Richard Guagliardo	Domestic	101	4	60	547581.01
272919	Jorge Gourrie	Domestic	100	4	63	557586.01
272919	Patricia M. Shafer	Public Supply	120	4	60	572177.01
272919	Roberto Nunez	Domestic	not listed	4	not listed	584028.01
342919	Vatche Nalivayan	Domestic	95	4	63	566121.01

APPENDIX 3B

SOIL: OFFICIAL SERIES DESCRIPTION, PINELLAS SERIES

LOCATION PINELLAS

FL

Established Series
Rev. ESV; JRM; GRB
01/2004

PINELLAS SERIES

The Pinellas series consists of very deep, poorly drained, very rapid to rapidly permeable soils on flats that border sloughs and depressions. They formed in sandy marine sediments over loamy sediments. Near the type location, the mean annual temperature is about 73 degrees F., and the mean annual precipitation is about 55 inches. Slopes range from 0 to 2 percent.

TAXONOMIC CLASS: Loamy, siliceous, superactive, hyperthermic Arenic Endoaqualfs

TYPICAL PEDON: Pinellas fine sand--range. (Colors are for moist soil.)

A--0 to 3 inches; black (10YR 2/1) rubbed, fine sand; weak fine granular structure; very friable; many fine and medium roots; mixture of organic matter and light gray (10YR 7/1) sand grains have a salt-and-pepper appearance; moderately acid; clear smooth boundary. (2 to 6 inches thick)

E1--3 to 8 inches; gray (10YR 6/1) fine sand; single grained; loose; many fine, medium, and coarse roots; moderately acid; clear wavy boundary.

E2--8 to 18 inches; pale brown (10YR 6/3) fine sand; single grained; loose; many medium roots, few coarse roots; common coarse faint very pale brown (10YR 7/4) masses of iron accumulation and few medium faint white (10YR 8/1) areas of stripped sand; slightly acid; clear wavy boundary. (Combined thickness of the E horizons range from 5 to 26 inches)

Bk1--18 to 25 inches; very pale brown (10YR 8/3) fine sand; weak fine granular structure; very friable; few coarse roots; many soft masses of calcium carbonate in interstices between sand grains; sand grains are thinly coated with calcium carbonate; calcareous; moderately alkaline; gradual wavy boundary.

Bk2--25 to 35 inches; light gray (10YR 7/2) fine sand; single grained; loose; few fine and medium roots; many soft masses of calcium carbonate in interstices and in many root channels; sand grains are thinly coated with calcium carbonate; common coarse distinct brownish yellow (10YR 6/8) masses of iron accumulation; calcareous; moderately alkaline; clear wavy boundary. (Combined thickness of the Bk horizons range from 17 to 34 inches)

Btg1--35 to 48 inches; grayish brown (2.5Y 5/2) fine sandy loam; weak fine subangular blocky structure; slightly sticky; common fine and medium roots; common very pale brown (10YR 8/2) few soft masses of calcium carbonates in root channels; sand grains are bridged and coated with clay; few lenses of uncoated sand grains; common coarse faint olive brown (2.5Y 4/4) masses of iron accumulation; slightly alkaline; gradual wavy boundary.

Btg2--48 to 54 inches; gray (5Y 5/1) fine sandy loam; weak fine subangular blocky structure; slightly sticky; very pale brown (10YR 8/2) few soft masses of calcium carbonate in root channels; sand grains are bridged and coated with clay; few fine faint olive (5Y 5/4) masses of iron accumulation; slightly

alkaline; clear smooth boundary. (Combined thickness of the Btg horizons range from 10 to 30 inches.)

2C--54 to 80 inches; light olive brown (2.5Y 5/4) gravelly sand; single grained; loose; about 25 percent, by volume, shell fragments; calcareous; moderately alkaline.

TYPE LOCATION: Pinellas County, Florida. Approximately 0.75 mile southeast of junction of U.S. Highway 19 and 49th Street North, about 200 feet east of U.S. 19, and about 2.0 miles northeast of Pinellas Park; SE 1/4, NW 1/4, SW 1/4, Sec. 22, T. 30 S., R. 16 E.

RANGE IN CHARACTERISTICS: Solum thickness ranges from 30 to 60 inches. Reaction of the A and E horizon ranges from strongly acid to slightly alkaline. The Bk horizon is calcareous. The Btg and C horizons range from slightly alkaline to strongly alkaline.

The A horizon has hue of 10YR or 2.5Y, value of 2 to 6, and chroma of 1 or 2; or it is neutral with value of 2 to 6. Texture is sand, fine sand, loamy sand, or loamy fine sand.

The E horizon has hue of 10YR or 2.5Y, value of 4 to 8, and chroma of 1 to 3; or it is neutral with value of 5 to 8. Redoximorphic features in shades of brown, yellow, and gray range from none to common. Texture is sand or fine sand.

The Bk horizon has hue of 10YR, value of 5 to 8, and chroma of 2 or 3. Accumulations of calcium carbonate occur as coatings on sand grains, in the interstices between sand grains, are more than 6 inches thick, have more than 15 percent calcium carbonate equivalent, and are more than 5 percent higher than the underlying horizons. Texture is sand or fine sand.

The Btg horizon has hue of 10YR to 5Y, value of 4 to 8, and chroma of 1 or 2; or it is neutral with value of 4 to 7. Redoximorphic features in shades of brown, yellow, olive, or gray range from none to common. In some pedons, this horizon has accumulations of calcium carbonate in root channels but calcium carbonate equivalent is less than 5 percent. Texture is fine sandy loam, sandy loam, or sandy clay loam.

The C horizon, where present, occurs over layers of shell fragments in some pedons. They have the same range of colors as the Btg horizon. Texture is sand or fine sand.

The 2C horizon, where present, is a mixture of sand and shell fragments in varying proportions. Color is largely dependent on color of the shell, but the sand has color similar to the Btg horizon. Texture is the gravelly to extremely gravelly analogs of sand or fine sand.

COMPETING SERIES: These include the Boca, Felda, and Isles soils in the same the family. All are very poorly or poorly drained and Boca and Felda soils are on similar to lower positions. In addition, Boca soils are moderately deep to hard limestone bedrock, Felda soils lack calcareous E horizons, while Isles soils are on lower positions and are deep to limestone bedrock.

GEOGRAPHIC SETTING: Pinellas soils are in areas bordering sloughs and shallow depressions. Slopes are less than 2 percent. They formed in sandy marine sediments over loamy materials. The climate is humid subtropical. The average annual precipitation ranges from 50 to 60 inches, and the average annual air temperature ranges from 72 to 74 degrees F.

GEOGRAPHICALLY ASSOCIATED SOILS: These include the competing Boca and Felda soils and the Astor, Basinger, Bradenton, Delray, Holopaw, Manatee, Oldsmar, Parkwood, Pineda, Pompano,

Riviera, Valkaria, and Wabasso series. The very poorly drained Astor, Delray, and Manatee soils are on lower positions and are Mollisols. In addition, Delray soils have sandy surface and subsurface layers 40 to 80 inches in thickness and Manatee soils have sandy surface and subsurface layers less than 20 inches in thickness. The poorly and very poorly drained Basinger and Valkaria soils are on similar to lower positions, are sandy throughout, and have weakly expressed spodic horizons. Bradenton soils are on higher and lower positions and have sandy surface and subsurface layers less than 20 inches in thickness. The poorly and very poorly drained Holopaw soils are on similar positions and have sandy surface and subsurface layers 40 to 80 inches thick. The very poorly and poorly drained Oldsmar and Wabasso soils are Spodosols. In addition, Oldsmar soils are on similar positions while Wabasso soils are on similar to lower positions and have argillic horizons less than 37 inches from the surface. Parkwood soils are on similar positions and have mollic epipedon. Pineda and Riviera soils have E horizons that tongue into the argillic horizon. The very poorly drained Pompano soils are on similar to lower positions and are sandy throughout.

DRAINAGE AND PERMEABILITY: Poorly drained; moderately rapid to rapid permeability.

USE AND VEGETATION: Most areas are used for native range or grazed woodland. A few areas on which water control measures have been established are used for growing citrus or improved pasture. The natural vegetation consists of cabbage palm, sawpalmetto, scattered slash pine, inkberry, maidencane, and pineland threeawn.

DISTRIBUTION AND EXTENT: Peninsular Florida. The series is of moderate extent.

MLRA SOIL SURVEY REGIONAL OFFICE (MO) RESPONSIBLE: Auburn, Alabama.

SERIES ESTABLISHED: Palm Beach County Area, Florida; 1975.

REMARKS: Diagnostic horizons and features recognized in this pedon:

Ochric epipedon - the zone from the surface to a depth of 18 inches (A and E horizons)

Albic horizon - the zone from 3 to 18 inches (E1 and E2 horizons).

Argillic horizon - the zone from 35 and 54 inches (Btg1 and Btg2 horizons).

Pinellas soils were formerly mapped in the Keri series as a loamy substratum phase. This concept limits the series to those soils that have calcareous E horizons over a Btg horizon.

The water table is within depths of 12 inches for less than 3 months and is 12 to 40 inches deep for 2 to 6 months during most years. It may recede to depths of more than 40 inches during extended dry seasons.

National Cooperative Soil Survey
U.S.A.

APPENDIX 3C

**AERIAL PHOTOGRAPHS:
1973, 1976, 1984, 1987, 2011**



Legend

 Property Boundary

1973 AERIAL PHOTOGRAPH MAP
SAFETY-KLEEN
HILLSBOROUGH COUNTY, TAMPA, FLORIDA

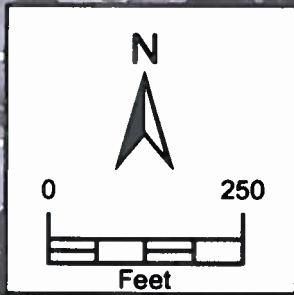
Sources: FDOT Aerial Photography 1973, Hillsborough Property Appraiser's Office, 2011, ECT, 2012

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Legend

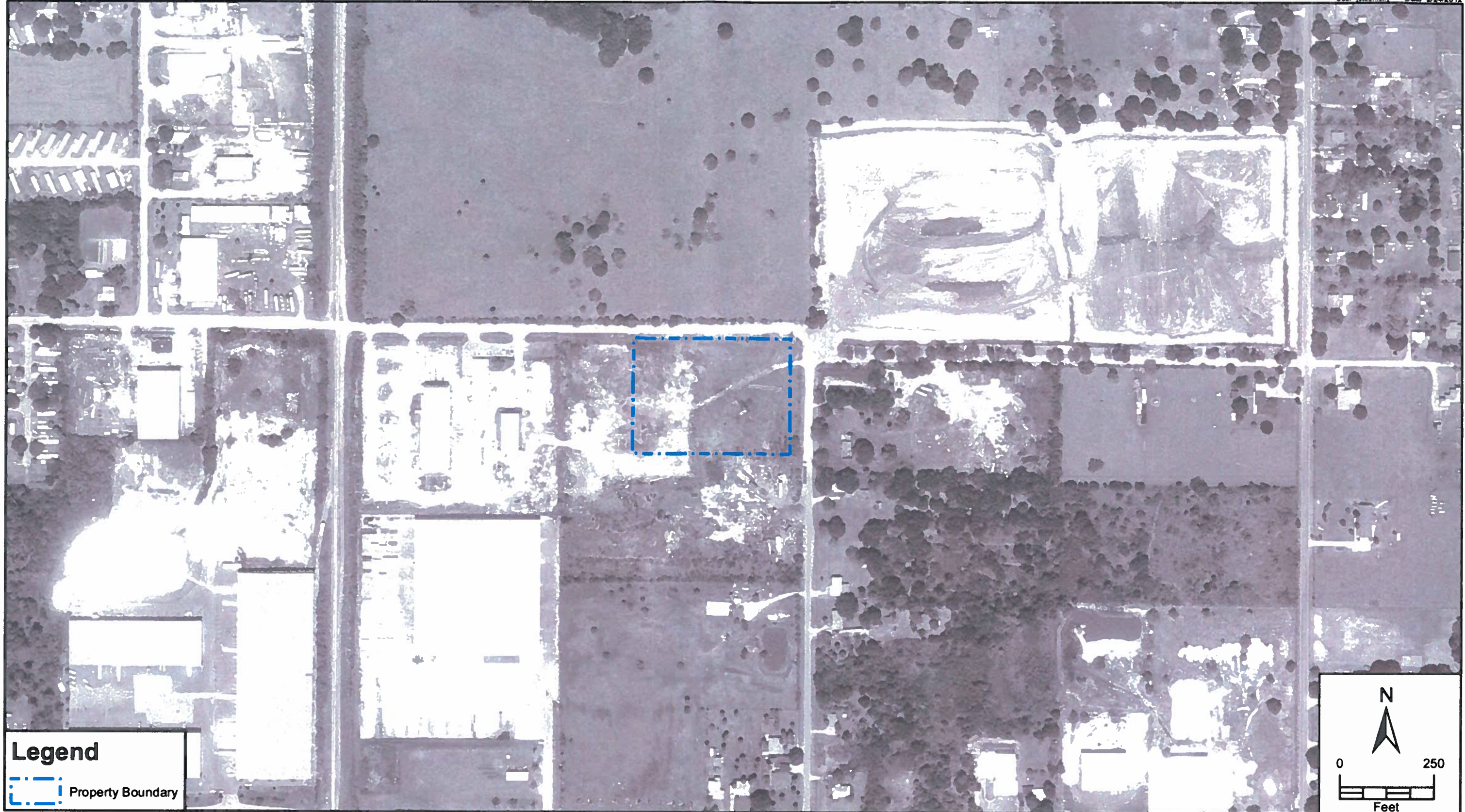
Property Boundary



1976 AERIAL PHOTOGRAPH MAP
SAFETY-KLEEN
HILLSBOROUGH COUNTY, TAMPA, FLORIDA

Sources: FDOT Aerial Photography 1976, Hillsborough Property Appraiser's Office, 2011, ECT, 2012

ECT
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Legend

 Property Boundary

1984 AERIAL PHOTOGRAPH MAP
SAFETY-KLEEN
HILLSBOROUGH COUNTY, TAMPA, FLORIDA

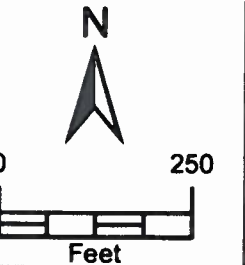
Sources: FDOT Aerial Photography 1984; Hillsborough Property Appraiser's Office, 2011; ECT, 2012

ECT
Environmental Consulting & Technology, Inc.



Legend

 Property Boundary



1987 AERIAL PHOTOGRAPH MAP
SAFETY-KLEEN
HILLSBOROUGH COUNTY, TAMPA, FLORIDA

Sources: FDOT Aerial Photography 1987, Hillsborough Property Appraiser's Office, 2011; ECT, 2012.

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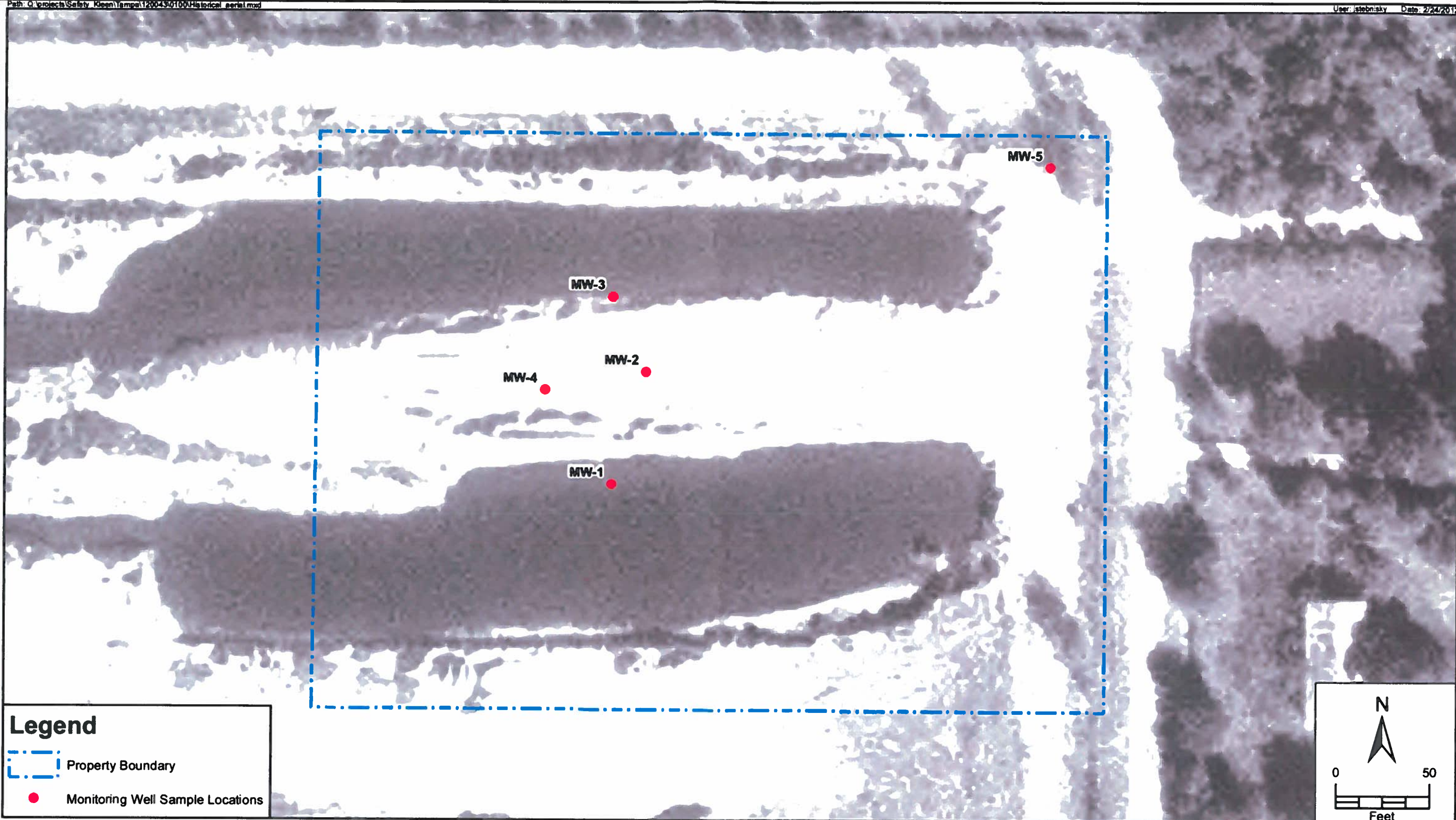
Legend

 Property Boundary


2011 AERIAL PHOTOGRAPH MAP
SAFETY-KLEEN
HILLSBOROUGH COUNTY, TAMPA, FLORIDA

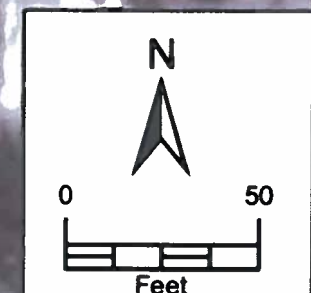
Sources: SWFWMD Aerial Photography 2011; Hillsborough Property Appraiser's Office, 2011; ECT, 2012

ECT
Environmental Consulting & Technology, Inc.



Legend

-  Property Boundary
-  Monitoring Well Sample Locations



1976 AERIAL PHOTOGRAPH MAP
SAFETY-KLEEN
HILLSBOROUGH COUNTY, TAMPA, FLORIDA

Sources: FDOT Aerial Photography 1976, Hillsborough Property Appraiser's Office, 2011, ECT, 2012

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Environmental Consulting & Technology, Inc.

APPENDIX 4A

CONFIRMATORY SAMPLING REPORT,
DECEMBER 16, 2011



Environmental Consulting & Technology, Inc.

**December 16, 2011
110859-0100**

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

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

**Re: Safety-Kleen Systems, Inc., 5309 24th Avenue South, Tampa, Florida
EPA ID # FLD 980 847 271; Operating Permit No. 34744-HO-005
Confirmatory Sampling Report for SWMU-21**

Dear Mr. Russell:

On behalf of Safety-Kleen Systems, Inc. (S-K), Environmental Consulting & Technology, Inc. (ECT) submitted a Confirmatory Sampling Plan (Plan) for SMWU-21 (the onsite septic tank and drain field) on November 7, 2011 for the referenced facility. The Florida Department of Environmental Protection (FDEP) provided comments and approval of the Plan in correspondence dated November 9, 2011. The purpose of the Plan is to assess the potential for there having been any release of hazardous constituents from SWMU-21 that may pose a threat to human health or the environment. ECT conducted the field sampling efforts on November 15 and 16, 2011. The results of the investigations are provided in this letter-style Confirmatory Sampling Report.

SCOPE OF WORK

The field effort included accessing the onsite septic tank in order to provide as much information as possible regarding size, design, construction details, piping and other pertinent details. One liquid phase sample was collected from the approximate mid-level of the tank. ECT personnel used a length of well screen for placing the dedicated polyethylene tubing to an approximate depth of 3.5 feet (ft) into the septic tank. Using a peristaltic pump, liquid samples were collected into laboratory-supplied containers, stored on wet ice, and shipped to Analytical Services, Inc. (ASI) for laboratory analysis. The samples were laboratory analyzed for the eight Resource Conservation and Recovery Act (RCRA) metals (arsenic, barium, cadmium, chromium, lead, mercury, selenium and silver), volatile organic compounds (VOCs) by U. S. Environmental Protection Agency (EPA) Method 8260B, and semi-volatile organic compounds (SVOCs) by EPA Method 8270D.

**1408 North Westshore
Bld., Suite 115
Tampa, FL
33607**

**(813)
289-9338**

**FAX (813)
289-9388**

**T: COMMONSK\Tampa SK_Tampa_121611_Conf_Sampling_Report.doc
An Equal Opportunity/Affirmative Action Employer**

ECT used the services of Preferred Drilling Solutions, Inc. (Preferred) to install a temporary monitoring well in the area of the drain field (see Figure 1). On November 15, 2011, ECT and Preferred personnel mobilized to the subject site. Using a drill rig, the well was installed to a depth of 12 ft below land surface (bls) in order to bracket the water table encountered at a depth of 6 ft bls. A 10-ft length of a pre-packed one-inch diameter well screen was threaded to 5 ft of polyvinyl chloride (PVC) well casing. The well was developed using a peristaltic pump until the water ran clear.

ECT personnel began sample collection from the temporary monitoring well approximately 24 hours after installation. The groundwater samples were collected on November 16, 2011, in accordance with the Florida FDEP standard operating procedures (SOPs) using a peristaltic pump and low flow purging and sampling techniques. Standard field parameters were measured by approved methods and field data is documented on a FDEP approved groundwater sampling log form, which is provided in Appendix A along with other field notes. The groundwater samples were shipped to ASI for the laboratory analysis of the same parameters as for the liquid sample collected from the septic tank. The temporary monitoring well was removed from the ground after the sampling was completed.

FINDINGS AND LABORATORY ANALYTICAL RESULTS

On November 15, 2011, during the installation of the temporary monitoring well, the area of the septic tank was noticed to be wet (no standing water). This was the only area that was wet in the western portion of the site. The drain field was noted as mounded (see Appendix C for photographic documentation) to the south of the septic tank. In order to avoid any damage to the mound from the drill rig, the well was installed just to the west of the mound.

On November 16, 2011, the area of the septic tank was very wet with standing water. Using a metal probe, the outline of the top of the septic tank and the likely location of the lid to the tank were determined. The onsite manager of the Safety-Kleen facility was notified of the standing water and Roto-Rooter was called. Grass and soil was removed from above the lid. At this time, Mr. James Dregne of FDEP arrived onsite. It became evident that the liquid above the septic tank was coming from the septic tank through the lid. The lid was removed and it was decided to proceed with sample collection. After collecting the liquid sample, attempts were made to collect an additional solid phase sample. After several attempts, this effort was abandoned as there was not sufficient material to sample.

The complete laboratory report of results is provided in Appendix B. The laboratory results are summarized in Table 1. The concentrations shown in Table 1 are those that exceeded the laboratory's method detection limits (MDLs). The results are compared to the groundwater cleanup target levels (GCTLs) and the natural attenuation default source concentrations (NADSCs) pursuant to Chapter 62-777 of the Florida Administrative Code.

In the septic tank sample, benzene, chlorobenzene, toluene, 3+4-methylphenol and phenol were detected at concentrations above their respective GCTLs. The concentration of benzene at 110 micrograms per liter ($\mu\text{g/L}$) also exceeds the NADSC of 100 $\mu\text{g/L}$. Additional tested parameters detected at concentrations above the MDLs in the sample collected from the septic

tank are acetone, carbon disulfide, chloroform, 1,4-dichlorobenzene, p-isopropyltoluene, benzoic acid, diethyl phthalate, bis(ethylhexyl)phthalate, methyl ethyl ketone, phenol and arsenic, barium, cadmium and selenium.

In the groundwater sample from the temporary monitor well, the only exceedance of an applicable GCTL was arsenic at a concentration of 29 µg/L. Other tested parameters detected above the MDLs in the groundwater sample included acetone, chloromethane, p-isopropyltoluene, methyl ethyl ketone, toluene, benzoic acid, 3+4-methylphenol, barium, cadmium, and chromium.

The concentrations of metals tended to show somewhat higher concentration in groundwater as compared to the liquid sample collected from the septic tank. In contrast, the concentrations of organic constituents were all higher in the septic tank sample than in the groundwater sample.

The septic tank is comprised of two chambers. The eastern chamber is approximately 4 ft by 8 ft (longer in the east-west direction) by 5.25 ft deep. The western chamber is approximately 4 ft by 4 ft by 5.25 feet deep. Both chambers are constructed of approximately 4-inch thick concrete. A lid is located on top of both chambers. A 6-inch diameter PVC cleanout pipe is located to the east of the septic tank. Septage enters the eastern chamber of the tank where any settling can then occur. Piping along the western wall of the eastern chamber allows liquid to flow into the western chamber once a certain level has been reached in the first chamber. Similarly, once a level is reached in the second chamber, liquid flows to the drain field. The internal piping is 2-inch diameter PVC. The liquid sample was collected from the eastern (first) chamber of the septic tank. Appendix C includes relevant photographic documentation.

The Roto-Rooter representative indicated that the problem with the septic tank (i. e., overflow) was related to the pump.

CONCLUSIONS

Information regarding the septic tank construction is described herein and in Appendix A, and photographs are provided in Appendix C.

The laboratory analytical results of the liquid sample from the septic tank indicate that there are exceedances of GCTLs for several organic constituents, and exceedance of the NADSC for benzene. Of course, GCTLs apply to groundwater, not septic tank liquid.

The concentration of arsenic detected in the groundwater sample exceeded the applicable GCTL, which warrants additional groundwater quality testing for confirmation. The low concentrations of organic constituents detected in groundwater at the temporary monitor well location are not likely to pose a threat to human health or the environment. However, the organic constituent concentrations reported for the septic tank liquid, combined with the fact that the septic tank was observed to be overflowing, warrant additional groundwater quality testing for organic constituents and arsenic in the vicinity of the septic tank.

RECOMMENDATIONS

Based on the confirmatory sampling results and other relevant observations, the following actions are recommended:

1. Pump out the liquids currently in the septic tank and properly dispose of the contents.
2. Install a permanent monitor well at the location of the temporary monitoring well and re-sample for VOCs, SVOCs and arsenic.
3. Install three additional monitor wells located as follows: one immediately west of the septic tank; one 40 feet northwest of the septic tank; and one 60 feet west-southwest of the septic tank. Collect groundwater samples from these wells for analysis of VOCs, SVOCs, and arsenic.
4. Prepare a Supplemental Confirmatory Sampling Report for submittal to FDEP after completion of tasks 1 through 3.

It is intended that these four monitor wells will provide information regarding: groundwater flow direction; spatial groundwater quality data and associated confirmation as to whether groundwater impacts are present at concentrations of concern; and if impacts are present, information as to whether NADSC conditions are satisfied.

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

Enclosures:

Figure 1
Table 1
Appendix A, B and C

cc: Bob Schoepke, Safety-Kleen
Branch File, c/o John Walters, Safety-Kleen Facility Manager
Jeff Curtis, Safety-Kleen - Compliance
Darren Stowe, ECT

Table 1. Summary of Constituents Detected in Liquid Samples (11/16/11) – SWMU 21. Safety-Kleen - Tampa Facility

Parameters	Septic Tank	TMW	GCTL	NADSC
VOCs				
Acetone	1,400	9.4 J	6,300	63,000
Benzene	110**	<1	1	100
Carbon Disulfide	63 J	<0.4	700	7,000
Chlorobenzene	630*	<0.5	100	1,000
Chloroform	26	<0.6	70	700
Chloromethane	<3.8	0.5 J	2.7	27
1,4-Dichlorobenzene	47 J	<0.6	75	750
p-Isopropyltoluene	900	1.5 J	NS	NS
Methyl Ethyl Ketone	72 J	7.1 J	4,200	42,000
Toluene	220*	5.8	40	400
SVOCs				
Benzoic Acid	280	3.4 J	28,000	280,000
Diethyl Phthalate	16	<3.7	5,600	56,000
Bis(2-ethylhexyl)phthalate	6.2 J	<5.6	400	4,000
3+4-Methylphenol (m&p-cresol)	260*	19	38.5	385
Phenol	23*	<2.7	10	100
METALS				
Arsenic	9 J	29*	10	100
Barium	27	110	2,000	20,000
Cadmium	0.4 J	2 J	5	50
Chromium	<2	2 J	100	1,000
Selenium	16 J	<10	50	500

Notes:

All concentrations in micrograms per liter

J = Estimated value less than Reporting Limit but greater than method detection limit

GCTL = Groundwater cleanup target levels pursuant to Chapter 62-777 of the Florida Administrative Code.

NADSC = Natural attenuation default source concentrations pursuant to Chapter 62-777 of the Florida Administrative Code.

NS = No standard

SVOCs = Semivolatile organic compounds.

TMW = Temporary monitoring well (groundwater sample)

VOCs = Volatile organic compounds

** = Exceedance of GCTL.*

*** = Exceedance of NADSC.*

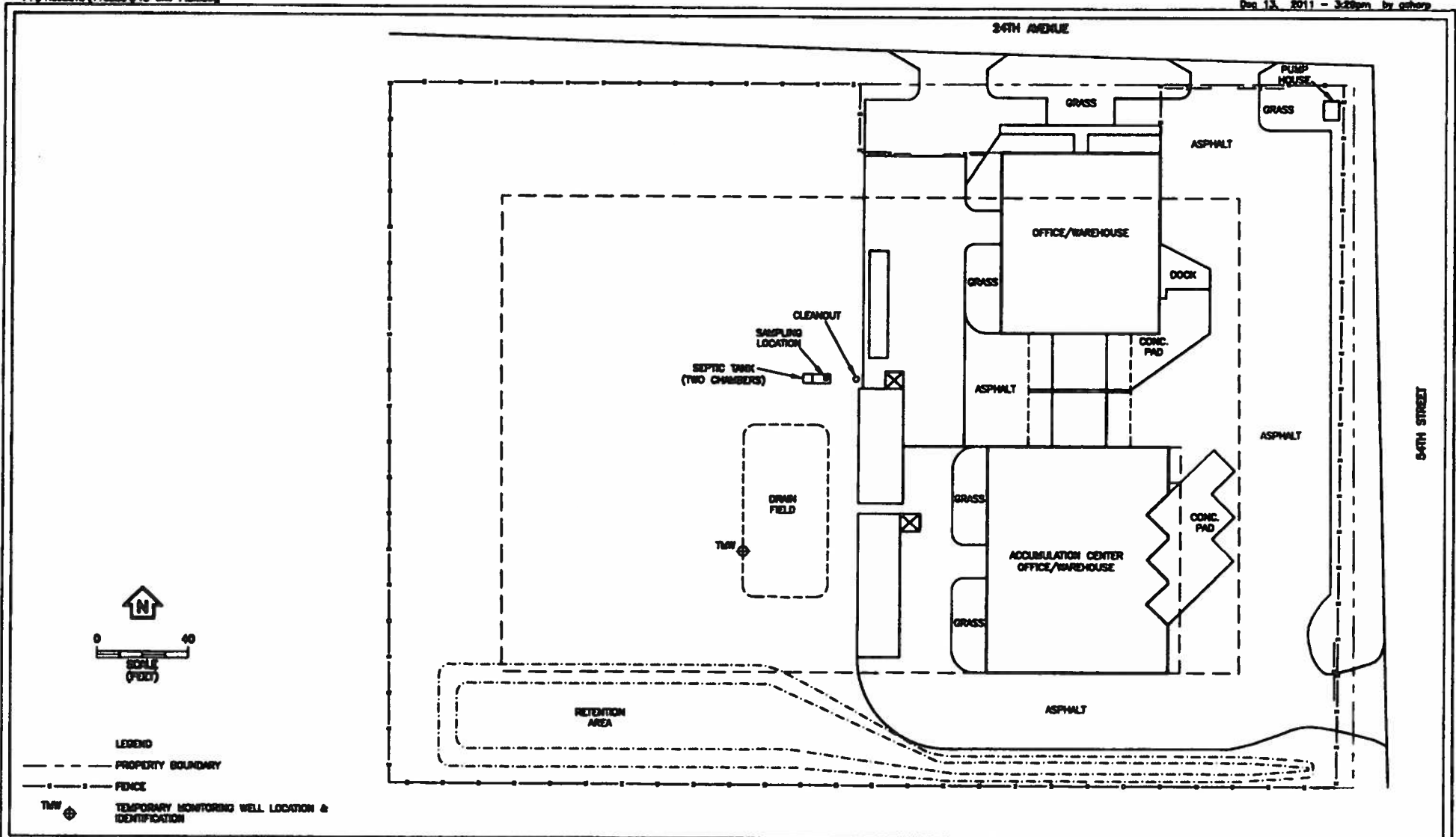


FIGURE 1.
SITE MAP WITH SAMPLING LOCATIONS
SAFETY-KLEEN
TAMPA, FLORIDA

Source: Project Solutions Corporation, 1999; ECT, 2011.

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Environmental Consulting & Technology, Inc.

APPENDIX A

Groundwater Sampling Log and Field Notes

Form FD 9000-24

SITE NAME: <u>Safety Kleen</u>		SITE LOCATION: <u>Tampa</u>	
WELL NO: <u>TMW</u>	SAMPLE ID: <u>TMW</u>	DATE: <u>11/16/11</u>	

PURGING DATA

PURGING DATA

[illegible]

SAMPLING DATA

SAMPLED BY (PRINT) AFFILIATION				SAMPLING DATA				SAMPLING INITIATED AT:		SAMPLING ENDED AT:	
M. Johnson / ECT				DATE: 10/12/03				11:30		12:10	
PUMP OR TUBING DEPTH IN WELL (feet): 8 1/2'				TUBING MATERIAL CODE: PE		FIELD FILTERED: Y		Filtration Equipment Type: D		FILTER SIZE: _____ µm	
FIELD DECONTAMINATION: PUMP Y N				TUBING Y N (replaced)				DUPLICATE: Y N			
SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)		
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH					
	2	AG	1P	HNO3		2.2	8270	PP	.02		
	1	P	250ml	HNO3		2.2	RCRA 4	PP	.02		
	3	GV	40ml	HCl		2.2	8210	RFPF	.02		
REMARKS:											
MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify) SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Beller; BP = Bladder Pump; EBP = Electric Submersible Pump; RFPF = 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 for this sampling event.											

NOTES: 1. The above do not constitute all of the information required by Chapter 43-100, F.A.C.
2. STABILIZATION CRITERIA FOR SANDY BEACHES

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (REF. FS 2212, SECTION 3)
 pH: ± 0.2 units Temperature: $\pm 0.3^{\circ}\text{C}$ Specific Conductance: $\pm 0.1 \mu\text{mhos/cm}$

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

11/15/11

Safety Klean

410

8:15 Arrived on-site.

Waiting for J. Walters
: drillers

8:40 Drillers arrive

9:00 J. Walters arrives.

Everyone signed in

9:20 Began location of
drain field

10:10 Began installing
well.

Drain
10:10 approx



58.

141

Gravel brown
Brownish grey silty sand
to $\approx 1\frac{1}{2}'$ then yellowish
to brown to $2\frac{1}{2}'$ grading
to brown @ $\pm 4'$ (slightly
grayish brown) - Organics
(rocks) @ $\pm 4\frac{1}{2}' - 5'$ - $6' - 8'$
cypress stump @
Dark grayish brown w/ organics
@ $\pm 10'$ clay comp
Water @ $\approx 5'$ b/s. $5\frac{1}{2}' - 6'$ b/s.
Dark grayish brown to $12'$ b/s
Saturated - bits of rock through
10:50 out last 6' (6-12' b/s.)
Well installed -
11-11:15 Well developed
@ ± 2 gpm = 60 gallons.
Run clean for 5 minutes.

Cleaned up area

11:40 Signed out and left site

11/16/11 Safety Klean

142

8:15 Arrived on-site. Signed in (R. Nourie, M. Johnson)

8:25 Began trying to find top opening on septic tank. Area Flooded ($\approx 4'$) removed grass & dirt. Trenched water so it would flow away from area of cap.

Found cap. Water flowing out. Called D. Storde. Was told to wait until DEP tells us what to do.

9:00 Jim from DEP arrived. We discussed flooding with him. He said we should still try to sample.

9:20 Collected sample from $\approx 3\frac{1}{2}'$ depth in septic tank. Checked for sludge on bottom. None.

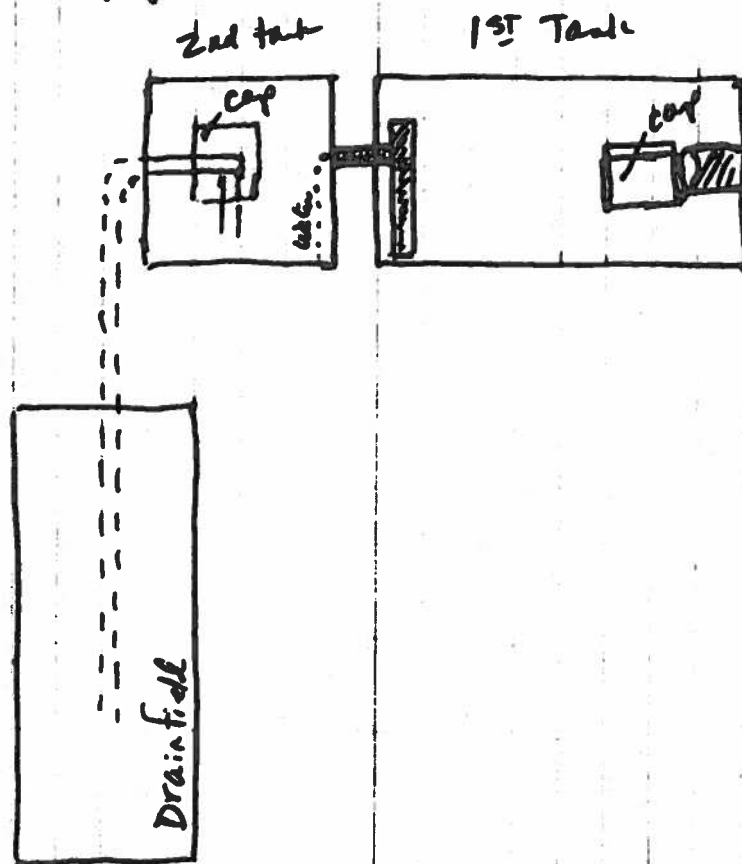
Determined piping measurements of tanks etc.

1st tank - $4' \times 8' \times 5\frac{1}{4}'$
Concrete - $\approx 4"$ thick

143

11/16/11

Cleanout - 6" pipe
2nd tank - $4' \times 4' \times 5\frac{1}{4}'$
Concrete - $\approx 4"$ thick
piping - 2"



10:00 Began purging well

11/16/11 Safety Kleen

144

11:30 Sampled well (begin)

~~Sampled well (begin)~~
~~Sampled well (begin)~~

12:10 Sampling complete.
Cleared up site.

12:15 Signed out
Left site.

APPENDIX B

Laboratory Analytical Report



ANALYTICAL SERVICES, INC.

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

Laboratory Report

Prepared For:

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

Attention: Mr. Bob Schoepke

Report Number: AUK0547

December 05, 2011

Project: Tampa, FL

Project #:110859-0100

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

Approved:

Elizabeth Bryant
Project Manager

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



ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30082
(770) 734-4200 FAX (770) 734-4201

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

Attention: Mr. Bob Schoepke

December 05, 2011

ANALYTICAL REPORT FOR SAMPLES

<u>Sample ID</u>	<u>Laboratory ID</u>	<u>Matrix</u>	<u>Date Sampled</u>	<u>Date Received</u>
Septic Tank	AUK0547-01	Waste Water	11/16/11 08:20	11/17/11 09:45
TMW	AUK0547-02	Ground Water	11/16/11 11:30	11/17/11 09:45
Trip Blank	AUK0547-03	Water	11/16/11 00:00	11/17/11 09:45



ANALYTICAL SERVICES, INC.

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

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

Attention: Mr. Bob Schoepke

December 06, 2011

Report No.: AUK0847

Project: Tampa, FL

Client ID: Septic Tank

Lab Number ID: AUK0847-01

Date/Time Sampled: 11/16/2011 9:20:00AM

Date/Time Received: 11/17/2011 9:48:00AM

Matrix: Waste Water

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Int.
Metals, Total											
Arsenic	0.009	0.015	0.009	mg/L	EPA 6010C	J	1	11/29/11 09:25	11/29/11 16:55	1110695	FBS
Barium	0.027	0.010	0.0003	mg/L	EPA 6010C		1	11/29/11 09:25	11/29/11 16:55	1110695	FBS
Cadmium	0.0004	0.005	0.0002	mg/L	EPA 6010C	J	1	11/29/11 09:25	11/29/11 16:55	1110695	FBS
Chromium	ND	0.010	0.002	mg/L	EPA 6010C		1	11/29/11 09:25	11/29/11 16:55	1110695	FBS
Lead	ND	0.015	0.005	mg/L	EPA 6010C		1	11/29/11 09:25	11/29/11 16:55	1110695	FBS
Selenium	0.016	0.040	0.010	mg/L	EPA 6010C	J	1	11/29/11 09:25	11/29/11 16:55	1110695	FBS
Silver	ND	0.010	0.002	mg/L	EPA 6010C		1	11/29/11 09:25	11/29/11 16:55	1110695	FBS
Mercury	ND	0.0005	0.00009	mg/L	EPA 7470A		1	11/22/11 12:10	11/23/11 14:35	1110631	CSW

Volatile Organic Compounds by EPA 8260

Acetone	1400	1000	38	ug/L	EPA 8260B		10	11/17/11 17:00	11/17/11 20:17	1110477	CJH
Acrolein	ND	500	24	ug/L	EPA 8260B		10	11/17/11 17:00	11/17/11 20:17	1110477	CJH
Acrylonitrile	ND	500	13	ug/L	EPA 8260B		10	11/17/11 17:00	11/17/11 20:17	1110477	CJH
Allyl Chloride (3-Chloropropylene)	ND	100	5.7	ug/L	EPA 8260B		10	11/17/11 17:00	11/17/11 20:17	1110477	CJH
Benzene	110	20	3.1	ug/L	EPA 8260B		10	11/17/11 17:00	11/17/11 20:17	1110477	CJH
Bromobenzene	ND	100	4.3	ug/L	EPA 8260B		10	11/17/11 17:00	11/17/11 20:17	1110477	CJH
Bromochloromethane	ND	100	4.2	ug/L	EPA 8260B		10	11/17/11 17:00	11/17/11 20:17	1110477	CJH
Bromodichloromethane	ND	100	1.5	ug/L	EPA 8260B		10	11/17/11 17:00	11/17/11 20:17	1110477	CJH
Bromoform	ND	100	5.4	ug/L	EPA 8260B		10	11/17/11 17:00	11/17/11 20:17	1110477	CJH
Bromomethane	ND	100	13	ug/L	EPA 8260B		10	11/17/11 17:00	11/17/11 20:17	1110477	CJH
n-Butylbenzene	ND	100	2.5	ug/L	EPA 8260B		10	11/17/11 17:00	11/17/11 20:17	1110477	CJH
sec-Butylbenzene	ND	100	3.5	ug/L	EPA 8260B		10	11/17/11 17:00	11/17/11 20:17	1110477	CJH
tert-Butylbenzene	ND	100	3.7	ug/L	EPA 8260B		10	11/17/11 17:00	11/17/11 20:17	1110477	CJH
Carbon Disulfide	63	100	4.1	ug/L	EPA 8260B	J	10	11/17/11 17:00	11/17/11 20:17	1110477	CJH
Carbon Tetrachloride	ND	20	2.9	ug/L	EPA 8260B		10	11/17/11 17:00	11/17/11 20:17	1110477	CJH
Chlorobenzene	630	100	4.6	ug/L	EPA 8260B		10	11/17/11 17:00	11/17/11 20:17	1110477	CJH
1-Chlorobutane	ND	100	5.1	ug/L	EPA 8260B		10	11/17/11 17:00	11/17/11 20:17	1110477	CJH
Chloroethane	ND	50	6.5	ug/L	EPA 8260B		10	11/17/11 17:00	11/17/11 20:17	1110477	CJH
2-Chloroethyl Vinyl Ether	ND	100	6.3	ug/L	EPA 8260B		10	11/17/11 17:00	11/17/11 20:17	1110477	CJH
Chloroform	26	20	5.6	ug/L	EPA 8260B		10	11/17/11 17:00	11/17/11 20:17	1110477	CJH
Chloromethane	ND	100	3.8	ug/L	EPA 8260B		10	11/17/11 17:00	11/17/11 20:17	1110477	CJH
2-Chlorotoluene	ND	100	3.8	ug/L	EPA 8260B		10	11/17/11 17:00	11/17/11 20:17	1110477	CJH



ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30082
(770) 734-4200 FAX (770) 734-4201

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

Attention: Mr. Bob Schoepke

December 05, 2011

Report No.: AUK0847

Project: Tampa, FL

Client ID: Septic Tank

Lab Number ID: AUK0847-01

Date/Time Sampled: 11/16/2011 9:20:00AM

Date/Time Received: 11/17/2011 9:45:00AM

Matrix: Waste Water

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Volatile Organic Compounds by EPA 8260											
4-Chlorotoluene	ND	100	4.3	ug/L	EPA 8260B		10	11/17/11 17:00	11/17/11 20:17	1110477	CJH
Dibromochloromethane	ND	100	2.2	ug/L	EPA 8260B		10	11/17/11 17:00	11/17/11 20:17	1110477	CJH
1,2-Dibromo-3-chloropropane	ND	100	13	ug/L	EPA 8260B		10	11/17/11 17:00	11/17/11 20:17	1110477	CJH
1,2-Dibromomethane	ND	100	3.0	ug/L	EPA 8260B		10	11/17/11 17:00	11/17/11 20:17	1110477	CJH
Dibromomethane	ND	100	4.8	ug/L	EPA 8260B		10	11/17/11 17:00	11/17/11 20:17	1110477	CJH
1,2-Dichlorobenzene	ND	100	5.5	ug/L	EPA 8260B		10	11/17/11 17:00	11/17/11 20:17	1110477	CJH
1,3-Dichlorobenzene	ND	100	5.5	ug/L	EPA 8260B		10	11/17/11 17:00	11/17/11 20:17	1110477	CJH
1,4-Dichlorobenzene	47	100	5.7	ug/L	EPA 8260B	J	10	11/17/11 17:00	11/17/11 20:17	1110477	CJH
trans-1,4-Dichloro-2-butene	ND	50	12	ug/L	EPA 8260B		10	11/17/11 17:00	11/17/11 20:17	1110477	CJH
Dichlorodifluoromethane	ND	100	4.8	ug/L	EPA 8260B		10	11/17/11 17:00	11/17/11 20:17	1110477	CJH
1,1-Dichloroethane	ND	20	2.9	ug/L	EPA 8260B		10	11/17/11 17:00	11/17/11 20:17	1110477	CJH
1,2-Dichloroethane	ND	20	3.6	ug/L	EPA 8260B		10	11/17/11 17:00	11/17/11 20:17	1110477	CJH
1,1-Dichloroethane	ND	20	3.5	ug/L	EPA 8260B		10	11/17/11 17:00	11/17/11 20:17	1110477	CJH
cis-1,2-Dichloroethane	ND	20	3.5	ug/L	EPA 8260B		10	11/17/11 17:00	11/17/11 20:17	1110477	CJH
trans-1,2-Dichloroethane	ND	20	2.8	ug/L	EPA 8260B		10	11/17/11 17:00	11/17/11 20:17	1110477	CJH
1,2-Dichloropropane	ND	20	3.4	ug/L	EPA 8260B		10	11/17/11 17:00	11/17/11 20:17	1110477	CJH
1,3-Dichloropropane	ND	20	3.3	ug/L	EPA 8260B		10	11/17/11 17:00	11/17/11 20:17	1110477	CJH
2,2-Dichloropropane	ND	100	2.4	ug/L	EPA 8260B		10	11/17/11 17:00	11/17/11 20:17	1110477	CJH
1,1-Dichloropropane	ND	100	3.5	ug/L	EPA 8260B		10	11/17/11 17:00	11/17/11 20:17	1110477	CJH
cis-1,3-Dichloropropane	ND	20	1.8	ug/L	EPA 8260B		10	11/17/11 17:00	11/17/11 20:17	1110477	CJH
trans-1,3-Dichloropropane	ND	20	2.4	ug/L	EPA 8260B		10	11/17/11 17:00	11/17/11 20:17	1110477	CJH
Ethylbenzene	ND	20	3.4	ug/L	EPA 8260B		10	11/17/11 17:00	11/17/11 20:17	1110477	CJH
Ethyl Methacrylate	ND	100	6.5	ug/L	EPA 8260B		10	11/17/11 17:00	11/17/11 20:17	1110477	CJH
Hexachlorobutadiene	ND	100	9.7	ug/L	EPA 8260B		10	11/17/11 17:00	11/17/11 20:17	1110477	CJH
p-Isopropyltoluene	900	100	3.5	ug/L	EPA 8260B		10	11/17/11 17:00	11/17/11 20:17	1110477	CJH
Hexachloroethane	ND	100	12	ug/L	EPA 8260B		10	11/17/11 17:00	11/17/11 20:17	1110477	CJH
Iodomethane	ND	100	5.4	ug/L	EPA 8260B		10	11/17/11 17:00	11/17/11 20:17	1110477	CJH
Isopropylbenzene	ND	100	4.1	ug/L	EPA 8260B		10	11/17/11 17:00	11/17/11 20:17	1110477	CJH
Methacrylonitrile	ND	100	14	ug/L	EPA 8260B		10	11/17/11 17:00	11/17/11 20:17	1110477	CJH
Methyl Acrylate	ND	100	5.9	ug/L	EPA 8260B		10	11/17/11 17:00	11/17/11 20:17	1110477	CJH
Methyl Butyl Ketone (2-Hexanone)	ND	100	11	ug/L	EPA 8260B		10	11/17/11 17:00	11/17/11 20:17	1110477	CJH
Methylene Chloride	ND	50	5.7	ug/L	EPA 8260B		10	11/17/11 17:00	11/17/11 20:17	1110477	CJH



ANALYTICAL SERVICES, INC.

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

Attention: Mr. Bob Schoske

December 05, 2011

Report No.: AUK0547

Project: Tampa, FL

Client ID: Septic Tank

Lab Number ID: AUK0547-01

Date/Time Sampled: 11/16/2011 9:20:00AM

Date/Time Received: 11/17/2011 9:45:00AM

Matrix: Waste Water

Analyte	Result	RL	MDL	Units	Method	Qual	DF	Preparation Date	Analytical Date	Batch	Init.
Volatile Organic Compounds by EPA 8260											
Methyl Ethyl Ketone (2-Butanone)	72	1000	18	ug/L	EPA 8260B	J	10	11/17/11 17:00	11/17/11 20:17	1110477	CJH
Methyl Methacrylate	ND	100	6.5	ug/L	EPA 8260B		10	11/17/11 17:00	11/17/11 20:17	1110477	CJH
4-Methyl-2-pentanone (MEK)	ND	100	11	ug/L	EPA 8260B		10	11/17/11 17:00	11/17/11 20:17	1110477	CJH
Methyl-tert-Butyl Ether	ND	100	4.0	ug/L	EPA 8260B		10	11/17/11 17:00	11/17/11 20:17	1110477	CJH
Naphthalene	ND	100	3.5	ug/L	EPA 8260B		10	11/17/11 17:00	11/17/11 20:17	1110477	CJH
2-Nitropropane	ND	100	12	ug/L	EPA 8260B		10	11/17/11 17:00	11/17/11 20:17	1110477	CJH
Propionitrile (Ethyl Cyanide)	ND	200	16	ug/L	EPA 8260B		10	11/17/11 17:00	11/17/11 20:17	1110477	CJH
n-Propylbenzene	ND	100	3.7	ug/L	EPA 8260B		10	11/17/11 17:00	11/17/11 20:17	1110477	CJH
Styrene	ND	50	2.9	ug/L	EPA 8260B		10	11/17/11 17:00	11/17/11 20:17	1110477	CJH
1,1,1,2-Tetrachloroethane	ND	20	3.0	ug/L	EPA 8260B		10	11/17/11 17:00	11/17/11 20:17	1110477	CJH
1,1,2,2-Tetrachloroethane	ND	20	3.6	ug/L	EPA 8260B		10	11/17/11 17:00	11/17/11 20:17	1110477	CJH
Tetrachloroethane	ND	20	4.0	ug/L	EPA 8260B		10	11/17/11 17:00	11/17/11 20:17	1110477	CJH
Toluene	220	20	4.2	ug/L	EPA 8260B		10	11/17/11 17:00	11/17/11 20:17	1110477	CJH
1,2,3-Trichlorobenzene	ND	100	6.9	ug/L	EPA 8260B		10	11/17/11 17:00	11/17/11 20:17	1110477	CJH
1,2,4-Trichlorobenzene	ND	100	4.6	ug/L	EPA 8260B		10	11/17/11 17:00	11/17/11 20:17	1110477	CJH
1,1,1-Trichloroethane	ND	20	2.7	ug/L	EPA 8260B		10	11/17/11 17:00	11/17/11 20:17	1110477	CJH
1,1,2-Trichloroethane	ND	20	6.6	ug/L	EPA 8260B		10	11/17/11 17:00	11/17/11 20:17	1110477	CJH
Trichloroethane	ND	20	3.4	ug/L	EPA 8260B		10	11/17/11 17:00	11/17/11 20:17	1110477	CJH
Trichlorofluoromethane	ND	100	2.8	ug/L	EPA 8260B		10	11/17/11 17:00	11/17/11 20:17	1110477	CJH
1,2,3-Trichloropropene	ND	100	7.0	ug/L	EPA 8260B		10	11/17/11 17:00	11/17/11 20:17	1110477	CJH
1,2,4-Trimethylbenzene	ND	100	3.6	ug/L	EPA 8260B		10	11/17/11 17:00	11/17/11 20:17	1110477	CJH
1,3,5-Trimethylbenzene	ND	100	2.7	ug/L	EPA 8260B		10	11/17/11 17:00	11/17/11 20:17	1110477	CJH
Vinyl Acetate	ND	100	2.2	ug/L	EPA 8260B		10	11/17/11 17:00	11/17/11 20:17	1110477	CJH
Vinyl Chloride	ND	20	2.3	ug/L	EPA 8260B		10	11/17/11 17:00	11/17/11 20:17	1110477	CJH
m+p-Xylene	ND	50	6.4	ug/L	EPA 8260B		10	11/17/11 17:00	11/17/11 20:17	1110477	CJH
o-Xylene	ND	50	3.2	ug/L	EPA 8260B		10	11/17/11 17:00	11/17/11 20:17	1110477	CJH
Xylenes, total	ND	50	6.4	ug/L	EPA 8260B		10	11/17/11 17:00	11/17/11 20:17	1110477	CJH
Surrogate: Dibromofluoromethane	100 %	75-123			EPA 8260B			11/17/11 17:00	11/17/11 20:17	1110477	
Surrogate: 1,2-Dichloroethane-d4	102 %	72-118			EPA 8260B			11/17/11 17:00	11/17/11 20:17	1110477	
Surrogate: Toluene-d8	91 %	75-112			EPA 8260B			11/17/11 17:00	11/17/11 20:17	1110477	
Surrogate: 4-Bromofluorobenzene	99 %	80-120			EPA 8260B			11/17/11 17:00	11/17/11 20:17	1110477	



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

Attention: Mr. Bob Schoepke

December 05, 2011

Report No.: AUR00547

Project: Tampa, FL

Client ID: Septic Tank

Lab Number ID: AUR00547-01

Date/Time Sampled: 11/16/2011 9:20:00AM

Date/Time Received: 11/17/2011 9:45:00AM

Matrix: Waste Water

Analyte	Result	RL	MDL	Units	Method	Qual.	OF	Preparation Date	Analytical Date	Batch	Intf.
Semi-volatile Organic Compounds by EPA 8270											
Acenaphthene	ND	10	4.7	ug/L	EPA 8270D	1		11/21/11 09:10	11/21/11 21:55	1110586	rac
Acenaphthylene	ND	10	4.6	ug/L	EPA 8270D	1		11/21/11 09:10	11/21/11 21:55	1110586	rac
Anthracene	ND	10	4.3	ug/L	EPA 8270D	1		11/21/11 09:10	11/21/11 21:55	1110586	rac
Benzo(a)anthracene	ND	10	4.1	ug/L	EPA 8270D	1		11/21/11 09:10	11/21/11 21:55	1110586	rac
Benzo(a)pyrene	ND	10	4.6	ug/L	EPA 8270D	1		11/21/11 09:10	11/21/11 21:55	1110586	rac
Benzo(b)fluoranthene	ND	10	4.4	ug/L	EPA 8270D	1		11/21/11 09:10	11/21/11 21:55	1110586	rac
Benzo(ghi)perylene	ND	10	5.5	ug/L	EPA 8270D	1		11/21/11 09:10	11/21/11 21:55	1110586	rac
Benzo(k)fluoranthene	ND	10	5.0	ug/L	EPA 8270D	1		11/21/11 09:10	11/21/11 21:55	1110586	rac
Benzoic acid	280	250	15	ug/L	EPA 8270D	5		11/21/11 09:10	11/21/11 20:39	1110586	rac
Benzyl alcohol	ND	20	5.1	ug/L	EPA 8270D	1		11/21/11 09:10	11/21/11 21:55	1110586	rac
Benzyl butyl phthalate	ND	10	6.3	ug/L	EPA 8270D	1		11/21/11 09:10	11/21/11 21:55	1110586	rac
4-Bromophenyl phenyl ether	ND	10	5.0	ug/L	EPA 8270D	1		11/21/11 09:10	11/21/11 21:55	1110586	rac
Di-n-butyl phthalate	ND	10	4.8	ug/L	EPA 8270D	1		11/21/11 09:10	11/21/11 21:55	1110586	rac
4-Chloroaniline	ND	20	4.1	ug/L	EPA 8270D	1		11/21/11 09:10	11/21/11 21:55	1110586	rac
Bis(2-chloroethoxy)methane	ND	10	4.4	ug/L	EPA 8270D	1		11/21/11 09:10	11/21/11 21:55	1110586	rac
Bis(2-chloroethyl)ether	ND	10	3.3	ug/L	EPA 8270D	1		11/21/11 09:10	11/21/11 21:55	1110586	rac
Bis(2-chloroisopropyl)ether	ND	10	3.7	ug/L	EPA 8270D	1		11/21/11 09:10	11/21/11 21:55	1110586	rac
4-Chloro-3-methylphenol	ND	10	5.7	ug/L	EPA 8270D	1		11/21/11 09:10	11/21/11 21:55	1110586	rac
2-Chloronaphthalene	ND	10	4.2	ug/L	EPA 8270D	1		11/21/11 09:10	11/21/11 21:55	1110586	rac
2-Chlorophenol	ND	10	4.1	ug/L	EPA 8270D	1		11/21/11 09:10	11/21/11 21:55	1110586	rac
4-Chlorophenyl phenyl ether	ND	10	4.2	ug/L	EPA 8270D	1		11/21/11 09:10	11/21/11 21:55	1110586	rac
Chrysene	ND	10	4.0	ug/L	EPA 8270D	1		11/21/11 09:10	11/21/11 21:55	1110586	rac
Dibenzo(a,h)anthracene	ND	10	4.5	ug/L	EPA 8270D	1		11/21/11 09:10	11/21/11 21:55	1110586	rac
Dibenzofuran	ND	10	4.5	ug/L	EPA 8270D	1		11/21/11 09:10	11/21/11 21:55	1110586	rac
1,2-Dichlorobenzene	ND	10	3.3	ug/L	EPA 8270D	1		11/21/11 09:10	11/21/11 21:55	1110586	rac
1,3-Dichlorobenzene	ND	10	2.8	ug/L	EPA 8270D	1		11/21/11 09:10	11/21/11 21:55	1110586	rac
1,4-Dichlorobenzene	ND	10	2.8	ug/L	EPA 8270D	1		11/21/11 09:10	11/21/11 21:55	1110586	rac
3,3'-Dichlorobenzidine	ND	20	5.0	ug/L	EPA 8270D	1		11/21/11 09:10	11/21/11 21:55	1110586	rac
2,4-Dichlorophenol	ND	10	5.3	ug/L	EPA 8270D	1		11/21/11 09:10	11/21/11 21:55	1110586	rac
Diethyl phthalate	16	10	3.9	ug/L	EPA 8270D	1		11/21/11 09:10	11/21/11 21:55	1110586	rac
2,4-Dimethylphenol	ND	10	4.4	ug/L	EPA 8270D	1		11/21/11 09:10	11/21/11 21:55	1110586	rac
Dimethyl phthalate	ND	10	4.0	ug/L	EPA 8270D	1		11/21/11 09:10	11/21/11 21:55	1110586	rac



ANALYTICAL SERVICES, INC.

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

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

Attention: Mr. Bob Schoepke

December 05, 2011

Report No.: AUK0547

Project: Tampa, FL

Client ID: Septic Tank

Lab Number ID: AUK0547-01

Date/Time Sampled: 11/16/2011 9:30:00AM

Date/Time Received: 11/17/2011 9:45:00AM

Matrix: Waste Water

Analyte	Result	RL	MDL	Units	Method	Qual	DF	Preparation Date	Analytical Date	Batch	Int.
Semi-volatile Organic Compounds by EPA 8270											
4,6-Dinitro-2-methylphenol	ND	50	5.8	ug/L	EPA 8270D		1	11/21/11 09:10	11/21/11 21:55	1110586	rac
2,4-Dinitrophenol	ND	50	7.2	ug/L	EPA 8270D		1	11/21/11 09:10	11/21/11 21:55	1110586	rac
2,4-Dinitrotoluene	ND	20	4.7	ug/L	EPA 8270D		1	11/21/11 09:10	11/21/11 21:55	1110586	rac
2,6-Dinitrotoluene	ND	20	4.6	ug/L	EPA 8270D		1	11/21/11 09:10	11/21/11 21:55	1110586	rac
Bis(2-ethylhexyl)phthalate	6.2	10	5.9	ug/L	EPA 8270D	J	1	11/21/11 09:10	11/21/11 21:55	1110586	rac
Fluoranthene	ND	10	4.5	ug/L	EPA 8270D		1	11/21/11 09:10	11/21/11 21:55	1110586	rac
Fluorene	ND	10	4.4	ug/L	EPA 8270D		1	11/21/11 09:10	11/21/11 21:55	1110586	rac
Hexachlorobenzene	ND	10	3.9	ug/L	EPA 8270D		1	11/21/11 09:10	11/21/11 21:55	1110586	rac
Hexachlorobutadiene	ND	10	4.2	ug/L	EPA 8270D		1	11/21/11 09:10	11/21/11 21:55	1110586	rac
Hexachlorocyclopentadiene	ND	10	5.8	ug/L	EPA 8270D		1	11/21/11 09:10	11/21/11 21:55	1110586	rac
Hexachloroethane	ND	10	3.4	ug/L	EPA 8270D		1	11/21/11 09:10	11/21/11 21:55	1110586	rac
Indeno(1,2,3-cd)pyrene	ND	10	5.0	ug/L	EPA 8270D		1	11/21/11 09:10	11/21/11 21:55	1110586	rac
Isophorone	ND	10	4.4	ug/L	EPA 8270D		1	11/21/11 09:10	11/21/11 21:55	1110586	rac
2-Methylnaphthalene	ND	10	5.1	ug/L	EPA 8270D		1	11/21/11 09:10	11/21/11 21:55	1110586	rac
2-Methylphenol (o-cresol)	ND	10	5.0	ug/L	EPA 8270D		1	11/21/11 09:10	11/21/11 21:55	1110586	rac
3+4-Methylphenol (m+p-cresol)	200	50	27	ug/L	EPA 8270D		5	11/21/11 09:10	11/21/11 20:39	1110586	rac
Naphthalene	ND	10	3.7	ug/L	EPA 8270D		1	11/21/11 09:10	11/21/11 21:55	1110586	rac
2-Nitroaniline	ND	50	6.3	ug/L	EPA 8270D		1	11/21/11 09:10	11/21/11 21:55	1110586	rac
3-Nitroaniline	ND	50	5.5	ug/L	EPA 8270D		1	11/21/11 09:10	11/21/11 21:55	1110586	rac
4-Nitroaniline	ND	50	5.9	ug/L	EPA 8270D		1	11/21/11 09:10	11/21/11 21:55	1110586	rac
Nitrobenzene	ND	10	4.1	ug/L	EPA 8270D		1	11/21/11 09:10	11/21/11 21:55	1110586	rac
2-Nitrophenol	ND	50	4.9	ug/L	EPA 8270D		1	11/21/11 09:10	11/21/11 21:55	1110586	rac
4-Nitrophenol	ND	50	4.2	ug/L	EPA 8270D	QM-05	1	11/21/11 09:10	11/21/11 21:55	1110586	rac
N-Nitrosodimethylamine	ND	10	2.5	ug/L	EPA 8270D		1	11/21/11 09:10	11/21/11 21:55	1110586	rac
N-Nitrosodiphenylamine/Diphenylamine	ND	10	3.8	ug/L	EPA 8270D		1	11/21/11 09:10	11/21/11 21:55	1110586	rac
N-Nitrosodi-n-propylamine	ND	10	6.1	ug/L	EPA 8270D		1	11/21/11 09:10	11/21/11 21:55	1110586	rac
Di-n-octyl phthalate	ND	10	6.3	ug/L	EPA 8270D		1	11/21/11 09:10	11/21/11 21:55	1110586	rac
Pentachlorophenol	ND	20	6.0	ug/L	EPA 8270D		1	11/21/11 09:10	11/21/11 21:55	1110586	rac
Phenanthrene	ND	10	4.0	ug/L	EPA 8270D		1	11/21/11 09:10	11/21/11 21:55	1110586	rac
Phenol	23	10	2.9	ug/L	EPA 8270D		1	11/21/11 09:10	11/21/11 21:55	1110586	rac
Pyrene	ND	10	4.5	ug/L	EPA 8270D		1	11/21/11 09:10	11/21/11 21:55	1110586	rac
1,2,4-Trichlorobenzene	ND	10	3.3	ug/L	EPA 8270D		1	11/21/11 09:10	11/21/11 21:55	1110586	rac



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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 Schaeple

December 05, 2011

Report No.: AUK0947

Project: Tampa, FL

Client ID: Septic Tank

Lab Number ID: AUK0947-01

Date/Time Sampled: 11/16/2011 9:28:00AM

Date/Time Received: 11/17/2011 9:45:00AM

Matrix: Waste Water

Analyte	Result	RL	MDL	Units	Method	Qual	DF	Preparation Date	Analytical Date	Batch	Int.
Semivolatile Organic Compounds by EPA 8270											
2,4,6-Trichlorophenol	ND	10	5.9	ug/L	EPA 8270D		1	11/21/11 08:10	11/21/11 21:55	1110588	rec
2,4,6-Trichlorophenol	ND	10	5.5	ug/L	EPA 8270D		1	11/21/11 08:10	11/21/11 21:55	1110588	rec
Surrogate: 2-Fluorophenol	46 %		10-88		EPA 8270D			11/21/11 08:10	11/21/11 21:55	1110588	
Surrogate: Phenol-d8	7 %		10-81		EPA 8270D	S-04		11/21/11 08:10	11/21/11 21:55	1110588	
Surrogate: Nitrobenzene-d5	71 %		28-109		EPA 8270D			11/21/11 08:10	11/21/11 21:55	1110588	
Surrogate: 2-Fluorobiphenyl	81 %		38-112		EPA 8270D			11/21/11 08:10	11/21/11 21:55	1110588	
Surrogate: 2,4,6-Tribromophenol	94 %		10-165		EPA 8270D			11/21/11 08:10	11/21/11 21:55	1110588	
Surrogate: p-Terphenyl-d14	63 %		10-142		EPA 8270D			11/21/11 08:10	11/21/11 21:55	1110588	



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

Attention: Mr. Bob Schoepke

December 05, 2011

Report No.: AUK8647

Client ID: TMRW

Date/Time Sampled: 11/16/2011 11:30:00AM

Matrix: Ground Water

Project: Tampa, FL

Lab Number ID: AUK0847-02

Date/Time Received: 11/17/2011 9:45:00AM

Analyte	Result	RL	MDL	Units	Method	Qual	DF	Preparation Date	Analytical Date	Batch	Int.
Metals, Total											
Arsenic	0.029	0.015	0.009	mg/L	EPA 8010C		1	11/29/11 09:25	11/29/11 16:59	1110895	FBS
Barium	0.110	0.010	0.0003	mg/L	EPA 8010C		1	11/29/11 09:25	11/29/11 16:59	1110895	FBS
Cadmium	0.002	0.005	0.0002	mg/L	EPA 8010C	J	1	11/29/11 09:25	11/29/11 16:59	1110895	FBS
Chromium	0.002	0.010	0.002	mg/L	EPA 8010C	J	1	11/29/11 09:25	11/29/11 16:59	1110895	FBS
Lead	ND	0.015	0.008	mg/L	EPA 8010C		1	11/29/11 09:25	11/29/11 16:59	1110895	FBS
Selenium	ND	0.040	0.010	mg/L	EPA 8010C		1	11/29/11 09:25	11/29/11 16:59	1110895	FBS
Silver	ND	0.010	0.002	mg/L	EPA 8010C		1	11/29/11 09:25	11/29/11 16:59	1110895	FBS
Mercury	ND	0.0005	0.00009	mg/L	EPA 7470A		1	11/22/11 12:10	11/23/11 14:37	1110531	C5W
Volatile Organic Compounds by EPA 8260											
Acetone	9.4	100	3.8	ug/L	EPA 8260B	J	1	11/22/11 13:00	11/22/11 15:25	1110587	CJH
Acrolein	ND	14	2.4	ug/L	EPA 8260B		1	11/22/11 13:00	11/22/11 15:25	1110587	CJH
Acrylonitrile	ND	4.0	1.3	ug/L	EPA 8260B		1	11/22/11 13:00	11/22/11 15:25	1110587	CJH
Allyl Chloride (3-Chloropropylene)	ND	10	0.6	ug/L	EPA 8260B		1	11/22/11 13:00	11/22/11 15:25	1110587	CJH
Benzene	ND	1.0	0.3	ug/L	EPA 8260B		1	11/22/11 13:00	11/22/11 15:25	1110587	CJH
Bromobenzene	ND	10	0.4	ug/L	EPA 8260B		1	11/22/11 13:00	11/22/11 15:25	1110587	CJH
Bromochloromethane	ND	10	0.4	ug/L	EPA 8260B		1	11/22/11 13:00	11/22/11 15:25	1110587	CJH
Bromodichloromethane	ND	10	0.2	ug/L	EPA 8260B		1	11/22/11 13:00	11/22/11 15:25	1110587	CJH
Bromoform	ND	10	0.5	ug/L	EPA 8260B		1	11/22/11 13:00	11/22/11 15:25	1110587	CJH
Bromomethane	ND	9.8	1.3	ug/L	EPA 8260B		1	11/22/11 13:00	11/22/11 15:25	1110587	CJH
n-Butylbenzene	ND	10	0.2	ug/L	EPA 8260B		1	11/22/11 13:00	11/22/11 15:25	1110587	CJH
sec-Butylbenzene	ND	10	0.4	ug/L	EPA 8260B		1	11/22/11 13:00	11/22/11 15:25	1110587	CJH
tert-Butylbenzene	ND	10	0.4	ug/L	EPA 8260B		1	11/22/11 13:00	11/22/11 15:25	1110587	CJH
Carbon Disulfide	ND	10	0.4	ug/L	EPA 8260B		1	11/22/11 13:00	11/22/11 15:25	1110587	CJH
Carbon Tetrachloride	ND	2.0	0.3	ug/L	EPA 8260B		1	11/22/11 13:00	11/22/11 15:25	1110587	CJH
Chlorobenzene	ND	10	0.5	ug/L	EPA 8260B		1	11/22/11 13:00	11/22/11 15:25	1110587	CJH
1-Chlorobutane	ND	10	0.5	ug/L	EPA 8260B		1	11/22/11 13:00	11/22/11 15:25	1110587	CJH
Chloroethane	ND	5.0	0.6	ug/L	EPA 8260B		1	11/22/11 13:00	11/22/11 15:25	1110587	CJH
2-Chloroethyl Vinyl Ether	ND	10	0.6	ug/L	EPA 8260B		1	11/22/11 13:00	11/22/11 15:25	1110587	CJH
Chloroform	ND	2.0	0.6	ug/L	EPA 8260B		1	11/22/11 13:00	11/22/11 15:25	1110587	CJH
Chloromethane	0.5	2.7	0.4	ug/L	EPA 8260B	J	1	11/22/11 13:00	11/22/11 15:25	1110587	CJH
2-Chlorotoluene	ND	10	0.4	ug/L	EPA 8260B		1	11/22/11 13:00	11/22/11 15:25	1110587	CJH



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

Attention: Mr. Bob Schoepke

December 05, 2011

Report No.: AUK0547

Client ID: TSW

Date/Time Sampled: 11/16/2011 11:30:00AM

Matrix: Ground Water

Project: Tampa, FL

Lab Number ID: AUK0547-02

Date/Time Received: 11/17/2011 9:45:00AM

Analyte	Result	RL	MDL	Units	Method	Qual	DF	Preparation Date	Analytical Date	Batch	Init.
Volatile Organic Compounds by EPA 8260											
4-Chlorotoluene	ND	10	0.4	ug/L	EPA 8260B		1	11/22/11 13:00	11/22/11 15:25	1110587	CJH
Dibromochloromethane	ND	1.0	0.2	ug/L	EPA 8260B		1	11/22/11 13:00	11/22/11 15:25	1110587	CJH
1,2-Dibromo-3-chloropropane	ND	5.0	1.3	ug/L	EPA 8260B		1	11/22/11 13:00	11/22/11 15:25	1110587	CJH
1,2-Dibromomethane	ND	2.0	0.3	ug/L	EPA 8260B		1	11/22/11 13:00	11/22/11 15:25	1110587	CJH
Dibromomethane	ND	10	0.5	ug/L	EPA 8260B		1	11/22/11 13:00	11/22/11 15:25	1110587	CJH
1,2-Dichlorobenzene	ND	10	0.6	ug/L	EPA 8260B		1	11/22/11 13:00	11/22/11 15:25	1110587	CJH
1,3-Dichlorobenzene	ND	10	0.6	ug/L	EPA 8260B		1	11/22/11 13:00	11/22/11 15:25	1110587	CJH
1,4-Dichlorobenzene	ND	10	0.6	ug/L	EPA 8260B		1	11/22/11 13:00	11/22/11 15:25	1110587	CJH
trans-1,4-Dichloro-2-butene	ND	5.0	1.2	ug/L	EPA 8260B		1	11/22/11 13:00	11/22/11 15:25	1110587	CJH
Dichlorodifluoromethane	ND	10	0.5	ug/L	EPA 8260B		1	11/22/11 13:00	11/22/11 15:25	1110587	CJH
1,1-Dichloroethane	ND	2.0	0.3	ug/L	EPA 8260B		1	11/22/11 13:00	11/22/11 15:25	1110587	CJH
1,2-Dichloroethane	ND	2.0	0.4	ug/L	EPA 8260B		1	11/22/11 13:00	11/22/11 15:25	1110587	CJH
1,1-Dichloroethane	ND	2.0	0.4	ug/L	EPA 8260B		1	11/22/11 13:00	11/22/11 15:25	1110587	CJH
cis-1,2-Dichloroethane	ND	2.0	0.4	ug/L	EPA 8260B		1	11/22/11 13:00	11/22/11 15:25	1110587	CJH
trans-1,2-Dichloroethane	ND	2.0	0.3	ug/L	EPA 8260B		1	11/22/11 13:00	11/22/11 15:25	1110587	CJH
1,2-Dichloropropene	ND	2.0	0.3	ug/L	EPA 8260B		1	11/22/11 13:00	11/22/11 15:25	1110587	CJH
1,3-Dichloropropene	ND	2.0	0.3	ug/L	EPA 8260B		1	11/22/11 13:00	11/22/11 15:25	1110587	CJH
2,2-Dichloropropene	ND	10	0.2	ug/L	EPA 8260B		1	11/22/11 13:00	11/22/11 15:25	1110587	CJH
1,1-Dichloropropene	ND	10	0.4	ug/L	EPA 8260B		1	11/22/11 13:00	11/22/11 15:25	1110587	CJH
cis-1,3-Dichloropropene	ND	1.0	0.2	ug/L	EPA 8260B		1	11/22/11 13:00	11/22/11 15:25	1110587	CJH
trans-1,3-Dichloropropene	ND	2.0	0.2	ug/L	EPA 8260B		1	11/22/11 13:00	11/22/11 15:25	1110587	CJH
Ethylbenzene	ND	2.0	0.3	ug/L	EPA 8260B		1	11/22/11 13:00	11/22/11 15:25	1110587	CJH
Ethyl Methacrylate	ND	10	0.6	ug/L	EPA 8260B		1	11/22/11 13:00	11/22/11 15:25	1110587	CJH
Hexachlorobutadiene	ND	1.0	1.0	ug/L	EPA 8260B		1	11/22/11 13:00	11/22/11 15:25	1110587	CJH
p-Isopropyltoluene	1.5	10	0.4	ug/L	EPA 8260B	J	1	11/22/11 13:00	11/22/11 15:25	1110587	CJH
Hexachloroethane	ND	4.0	1.2	ug/L	EPA 8260B		1	11/22/11 13:00	11/22/11 15:25	1110587	CJH
Iodomethane	ND	10	0.5	ug/L	EPA 8260B		1	11/22/11 13:00	11/22/11 15:25	1110587	CJH
Isopropylbenzene	ND	10	0.4	ug/L	EPA 8260B		1	11/22/11 13:00	11/22/11 15:25	1110587	CJH
Methacrylonitrile	ND	5.0	1.4	ug/L	EPA 8260B		1	11/22/11 13:00	11/22/11 15:25	1110587	CJH
Methyl Acrylate	ND	10	0.6	ug/L	EPA 8260B		1	11/22/11 13:00	11/22/11 15:25	1110587	CJH
Methyl Butyl Ketone (2-Hexanone)	ND	10	1.1	ug/L	EPA 8260B		1	11/22/11 13:00	11/22/11 15:25	1110587	CJH
Methylene Chloride	ND	5.0	0.6	ug/L	EPA 8260B		1	11/22/11 13:00	11/22/11 15:25	1110587	CJH



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

Attention: Mr. Bob Schoepke

December 05, 2011

Report No.: AUK0547

Project: Tampa, FL

Client ID: TMW

Lab Number ID: AUK0547-02

Date/Time Sampled: 11/16/2011 11:30:00AM

Date/Time Received: 11/17/2011 9:45:00AM

Matrix: Ground Water

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Volatile Organic Compounds by EPA 8260											
Methyl Ethyl Ketone (2-Butanone)	7.1	100	1.8	ug/L	EPA 8260B	J	1	11/22/11 13:00	11/22/11 15:25	1110587	CJH
Methyl Methacrylate	ND	10	0.6	ug/L	EPA 8260B		1	11/22/11 13:00	11/22/11 15:25	1110587	CJH
4-Methyl-2-pentanone (MIBK)	ND	10	1.1	ug/L	EPA 8260B		1	11/22/11 13:00	11/22/11 15:25	1110587	CJH
Methyl-tert-Butyl Ether	ND	10	0.4	ug/L	EPA 8260B		1	11/22/11 13:00	11/22/11 15:25	1110587	CJH
Naphthalene	ND	10	0.4	ug/L	EPA 8260B		1	11/22/11 13:00	11/22/11 15:25	1110587	CJH
2-Nitropropane	ND	10	1.2	ug/L	EPA 8260B		1	11/22/11 13:00	11/22/11 15:25	1110587	CJH
Propionitrile (Ethyl Cyanide)	ND	20	1.8	ug/L	EPA 8260B		1	11/22/11 13:00	11/22/11 15:25	1110587	CJH
n-Propylbenzene	ND	10	0.4	ug/L	EPA 8260B		1	11/22/11 13:00	11/22/11 15:25	1110587	CJH
Styrene	ND	5.0	0.3	ug/L	EPA 8260B		1	11/22/11 13:00	11/22/11 15:25	1110587	CJH
1,1,1,2-Tetrachloroethane	ND	1.3	0.3	ug/L	EPA 8260B		1	11/22/11 13:00	11/22/11 15:25	1110587	CJH
1,1,2,2-Tetrachloroethane	ND	1.0	0.4	ug/L	EPA 8260B		1	11/22/11 13:00	11/22/11 15:25	1110587	CJH
Tetrachloroethane	ND	2.0	0.4	ug/L	EPA 8260B		1	11/22/11 13:00	11/22/11 15:25	1110587	CJH
Toluene	5.8	2.0	0.4	ug/L	EPA 8260B		1	11/22/11 13:00	11/22/11 15:25	1110587	CJH
1,2,3-Trichlorobenzene	ND	10	0.7	ug/L	EPA 8260B		1	11/22/11 13:00	11/22/11 15:25	1110587	CJH
1,2,4-Trichlorobenzene	ND	10	0.5	ug/L	EPA 8260B		1	11/22/11 13:00	11/22/11 15:25	1110587	CJH
1,1,1-Trichloroethane	ND	2.0	0.3	ug/L	EPA 8260B		1	11/22/11 13:00	11/22/11 15:25	1110587	CJH
1,1,2-Trichloroethane	ND	2.0	0.7	ug/L	EPA 8260B		1	11/22/11 13:00	11/22/11 15:25	1110587	CJH
Trichloroethane	ND	2.0	0.3	ug/L	EPA 8260B		1	11/22/11 13:00	11/22/11 15:25	1110587	CJH
Trichlorofluoromethane	ND	10	0.3	ug/L	EPA 8260B		1	11/22/11 13:00	11/22/11 15:25	1110587	CJH
1,2,3-Trichloropropane	ND	1.0	0.7	ug/L	EPA 8260B		1	11/22/11 13:00	11/22/11 15:25	1110587	CJH
1,2,4-Trimethylbenzene	ND	10	0.4	ug/L	EPA 8260B		1	11/22/11 13:00	11/22/11 15:25	1110587	CJH
1,3,5-Trimethylbenzene	ND	10	0.3	ug/L	EPA 8260B		1	11/22/11 13:00	11/22/11 15:25	1110587	CJH
Vinyl Acetate	ND	10	0.2	ug/L	EPA 8260B		1	11/22/11 13:00	11/22/11 15:25	1110587	CJH
Vinyl Chloride	ND	1.0	0.2	ug/L	EPA 8260B		1	11/22/11 13:00	11/22/11 15:25	1110587	CJH
m+p-Xylene	ND	5.0	0.6	ug/L	EPA 8260B		1	11/22/11 13:00	11/22/11 15:25	1110587	CJH
o-Xylene	ND	5.0	0.3	ug/L	EPA 8260B		1	11/22/11 13:00	11/22/11 15:25	1110587	CJH
Xylenes, total	ND	5.0	0.6	ug/L	EPA 8260B		1	11/22/11 13:00	11/22/11 15:25	1110587	CJH
Surrogate: Dibromofluoromethane	111 %	75-123			EPA 8260B			11/22/11 13:00	11/22/11 15:25	1110587	
Surrogate: 1,2-Dichloroethane-d4	124 %	72-118			EPA 8260B	S-07		11/22/11 13:00	11/22/11 15:25	1110587	
Surrogate: Toluene-d8	105 %	75-112			EPA 8260B			11/22/11 13:00	11/22/11 15:25	1110587	
Surrogate: 4-Bromofluorobenzene	112 %	80-120			EPA 8260B			11/22/11 13:00	11/22/11 15:25	1110587	



ANALYTICAL SERVICES, INC.

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

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

Attention: Mr. Bob Schoepke

December 06, 2011

Report No.: AUK0547

Client ID: TMW

Date/Time Sampled: 11/16/2011 11:30:00AM

Matrix: Ground Water

Project: Tampa, FL

Lab Number ID: AUK0547-02

Date/Time Received: 11/17/2011 9:48:00AM

Analyte	Result	RL	MDL	Units	Method	Qual	DF	Preparation Date	Analysis Date	Batch	Int.
Semi-volatile Organic Compounds by EPA 8270											
Acenaphthene	ND	9.4	4.4	ug/L	EPA 8270D		1	11/21/11 09:10	11/21/11 20:14	1110588	rac
Acenaphthylene	ND	9.4	4.3	ug/L	EPA 8270D		1	11/21/11 09:10	11/21/11 20:14	1110588	rac
Anthracene	ND	9.4	4.1	ug/L	EPA 8270D		1	11/21/11 09:10	11/21/11 20:14	1110588	rac
Benzo(a)anthracene	ND	9.4	3.8	ug/L	EPA 8270D		1	11/21/11 09:10	11/21/11 20:14	1110588	rac
Benzo(a)pyrene	ND	9.4	4.6	ug/L	EPA 8270D		1	11/21/11 09:10	11/21/11 20:14	1110588	rac
Benzo(b)fluoranthene	ND	9.4	4.1	ug/L	EPA 8270D		1	11/21/11 09:10	11/21/11 20:14	1110588	rac
Benzo(ghi)perylene	ND	9.4	5.2	ug/L	EPA 8270D		1	11/21/11 09:10	11/21/11 20:14	1110588	rac
Benzo(k)fluoranthene	ND	9.4	4.7	ug/L	EPA 8270D		1	11/21/11 09:10	11/21/11 20:14	1110588	rac
Benzic acid	3.4	47	2.9	ug/L	EPA 8270D	J	1	11/21/11 09:10	11/21/11 20:14	1110588	rac
Benzyl alcohol	ND	19	4.8	ug/L	EPA 8270D		1	11/21/11 09:10	11/21/11 20:14	1110588	rac
Benzyl butyl phthalate	ND	9.4	5.9	ug/L	EPA 8270D		1	11/21/11 09:10	11/21/11 20:14	1110588	rac
4-Bromophenyl phenyl ether	ND	9.4	4.7	ug/L	EPA 8270D		1	11/21/11 09:10	11/21/11 20:14	1110588	rac
Di-n-butyl phthalate	ND	9.4	4.5	ug/L	EPA 8270D		1	11/21/11 09:10	11/21/11 20:14	1110588	rac
4-Chloroaniline	ND	19	3.9	ug/L	EPA 8270D		1	11/21/11 09:10	11/21/11 20:14	1110588	rac
Bis(2-chloroethoxy)methane	ND	9.4	4.1	ug/L	EPA 8270D		1	11/21/11 09:10	11/21/11 20:14	1110588	rac
Bis(2-chloroethyl)ether	ND	9.4	3.1	ug/L	EPA 8270D		1	11/21/11 09:10	11/21/11 20:14	1110588	rac
Bis(2-chloroisopropyl)ether	ND	9.4	3.5	ug/L	EPA 8270D		1	11/21/11 09:10	11/21/11 20:14	1110588	rac
4-Chloro-3-methylphenol	ND	9.4	5.4	ug/L	EPA 8270D		1	11/21/11 09:10	11/21/11 20:14	1110588	rac
2-Chloronaphthalene	ND	9.4	4.0	ug/L	EPA 8270D		1	11/21/11 09:10	11/21/11 20:14	1110588	rac
2-Chlorophenol	ND	9.4	3.9	ug/L	EPA 8270D		1	11/21/11 09:10	11/21/11 20:14	1110588	rac
4-Chlorophenyl phenyl ether	ND	9.4	3.9	ug/L	EPA 8270D		1	11/21/11 09:10	11/21/11 20:14	1110588	rac
Chrysene	ND	9.4	3.7	ug/L	EPA 8270D		1	11/21/11 09:10	11/21/11 20:14	1110588	rac
Dibenzo(a,h)anthracene	ND	9.4	4.2	ug/L	EPA 8270D		1	11/21/11 09:10	11/21/11 20:14	1110588	rac
Dibenzofuran	ND	9.4	4.3	ug/L	EPA 8270D		1	11/21/11 09:10	11/21/11 20:14	1110588	rac
1,2-Dichlorobenzene	ND	9.4	3.1	ug/L	EPA 8270D		1	11/21/11 09:10	11/21/11 20:14	1110588	rac
1,3-Dichlorobenzene	ND	9.4	2.7	ug/L	EPA 8270D		1	11/21/11 09:10	11/21/11 20:14	1110588	rac
1,4-Dichlorobenzene	ND	9.4	2.7	ug/L	EPA 8270D		1	11/21/11 09:10	11/21/11 20:14	1110588	rac
3,3'-Dichlorobenzidine	ND	19	4.7	ug/L	EPA 8270D		1	11/21/11 09:10	11/21/11 20:14	1110588	rac
2,4-Dichlorophenol	ND	9.4	5.0	ug/L	EPA 8270D		1	11/21/11 09:10	11/21/11 20:14	1110588	rac
Diethyl phthalate	ND	9.4	3.7	ug/L	EPA 8270D		1	11/21/11 09:10	11/21/11 20:14	1110588	rac
2,4-Dimethylphenol	ND	9.4	4.2	ug/L	EPA 8270D		1	11/21/11 09:10	11/21/11 20:14	1110588	rac
Dimethyl phthalate	ND	9.4	3.8	ug/L	EPA 8270D		1	11/21/11 09:10	11/21/11 20:14	1110588	rac



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

Report No.: AUK0347

Client ID: TMW

Date/Time Sampled: 11/16/2011 11:30:00AM

Matrix: Ground Water

December 05, 2011

Project: Tampa, FL

Lab Number ID: AUK0347-02

Date/Time Received: 11/17/2011 8:48:00AM

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Intl.
Semi-volatile Organic Compounds by EPA 8270											
4,6-Dinitro-2-methylphenol	ND	47	5.4	ug/L	EPA 8270D		1	11/21/11 09:10	11/21/11 20:14	1110586	rac
2,4-Dinitrophenol	ND	47	6.8	ug/L	EPA 8270D		1	11/21/11 09:10	11/21/11 20:14	1110586	rac
2,4-Dinitrotoluene	ND	19	4.4	ug/L	EPA 8270D		1	11/21/11 09:10	11/21/11 20:14	1110586	rac
2,6-Dinitrotoluene	ND	19	4.4	ug/L	EPA 8270D		1	11/21/11 09:10	11/21/11 20:14	1110586	rac
Bis(2-ethylhexyl)phthalate	ND	9.4	5.8	ug/L	EPA 8270D		1	11/21/11 09:10	11/21/11 20:14	1110586	rac
Fluoranthene	ND	9.4	4.3	ug/L	EPA 8270D		1	11/21/11 09:10	11/21/11 20:14	1110586	rac
Fluorene	ND	9.4	4.1	ug/L	EPA 8270D		1	11/21/11 09:10	11/21/11 20:14	1110586	rac
Hazachlorobenzene	ND	9.4	3.7	ug/L	EPA 8270D		1	11/21/11 09:10	11/21/11 20:14	1110586	rac
Hazachlorobutadiene	ND	9.4	3.9	ug/L	EPA 8270D		1	11/21/11 09:10	11/21/11 20:14	1110586	rac
Hazachlorocyclopentadiene	ND	9.4	5.4	ug/L	EPA 8270D		1	11/21/11 09:10	11/21/11 20:14	1110586	rac
Hazachloroethene	ND	9.4	3.2	ug/L	EPA 8270D		1	11/21/11 09:10	11/21/11 20:14	1110586	rac
Indeno(1,2,3-cd)pyrene	ND	9.4	4.7	ug/L	EPA 8270D		1	11/21/11 09:10	11/21/11 20:14	1110586	rac
Isophorone	ND	9.4	4.2	ug/L	EPA 8270D		1	11/21/11 09:10	11/21/11 20:14	1110586	rac
2-Methylnaphthalene	ND	9.4	4.8	ug/L	EPA 8270D		1	11/21/11 09:10	11/21/11 20:14	1110586	rac
2-Methylphenol (o-cresol)	ND	9.4	4.7	ug/L	EPA 8270D		1	11/21/11 09:10	11/21/11 20:14	1110586	rac
3+4-Methylphenol (m+p-cresol)	19	9.4	5.1	ug/L	EPA 8270D		1	11/21/11 09:10	11/21/11 20:14	1110586	rac
Naphthalene	ND	9.4	3.5	ug/L	EPA 8270D		1	11/21/11 09:10	11/21/11 20:14	1110586	rac
2-Nitroaniline	ND	47	5.9	ug/L	EPA 8270D		1	11/21/11 09:10	11/21/11 20:14	1110586	rac
3-Nitroaniline	ND	47	5.2	ug/L	EPA 8270D		1	11/21/11 09:10	11/21/11 20:14	1110586	rac
4-Nitroaniline	ND	47	5.6	ug/L	EPA 8270D		1	11/21/11 09:10	11/21/11 20:14	1110586	rac
Nitrobenzene	ND	9.4	3.8	ug/L	EPA 8270D		1	11/21/11 09:10	11/21/11 20:14	1110586	rac
2-Nitrophenol	ND	47	4.6	ug/L	EPA 8270D		1	11/21/11 09:10	11/21/11 20:14	1110586	rac
4-Nitrophenol	ND	47	4.0	ug/L	EPA 8270D		1	11/21/11 09:10	11/21/11 20:14	1110586	rac
N-Nitrosodimethylamine	ND	9.4	2.4	ug/L	EPA 8270D		1	11/21/11 09:10	11/21/11 20:14	1110586	rac
N-Nitrosodiphenylamine/Diphenylamine	ND	9.4	3.6	ug/L	EPA 8270D		1	11/21/11 09:10	11/21/11 20:14	1110586	rac
N-Nitrosodi-n-propylamine	ND	9.4	5.7	ug/L	EPA 8270D		1	11/21/11 09:10	11/21/11 20:14	1110586	rac
Di-n-octyl phthalate	ND	9.4	5.9	ug/L	EPA 8270D		1	11/21/11 09:10	11/21/11 20:14	1110586	rac
Pentachlorophenol	ND	19	5.7	ug/L	EPA 8270D		1	11/21/11 09:10	11/21/11 20:14	1110586	rac
Phenanthrene	ND	9.4	3.8	ug/L	EPA 8270D		1	11/21/11 09:10	11/21/11 20:14	1110586	rac
Phenol	ND	9.4	2.7	ug/L	EPA 8270D		1	11/21/11 09:10	11/21/11 20:14	1110586	rac
Pyrene	ND	9.4	4.3	ug/L	EPA 8270D		1	11/21/11 09:10	11/21/11 20:14	1110586	rac
1,2,4-Trichlorobenzene	ND	9.4	3.1	ug/L	EPA 8270D		1	11/21/11 09:10	11/21/11 20:14	1110586	rac



ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30082
(770) 734-4200 FAX (770) 734-4201

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

Attention: Mr. Bob Schoske

December 05, 2011

Report No.: AUK0847

Project: Tampa, FL

Client ID: TMRW

Lab Number ID: AUK0847-02

Date/Time Sampled: 11/16/2011 11:30:00AM

Date/Time Received: 11/17/2011 9:48:00AM

Matrix: Ground Water

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Int.
Semivolatile Organic Compounds by EPA 8270											
2,4,5-Trichlorophenol	ND	9.4	5.5	ug/L	EPA 8270D		1	11/21/11 09:10	11/21/11 20:14	1110588	rac
2,4,6-Trichlorophenol	ND	9.4	5.2	ug/L	EPA 8270D		1	11/21/11 09:10	11/21/11 20:14	1110588	rac
Surrogate: 2-Fluorophenol	23 %		10-88		EPA 8270D			11/21/11 09:10	11/21/11 20:14	1110588	
Surrogate: Phenol-d8	16 %		10-61		EPA 8270D			11/21/11 09:10	11/21/11 20:14	1110588	
Surrogate: Nitrobenzene-d5	40 %		28-109		EPA 8270D			11/21/11 09:10	11/21/11 20:14	1110588	
Surrogate: 2-Fluorobiphenyl	45 %		38-112		EPA 8270D			11/21/11 09:10	11/21/11 20:14	1110588	
Surrogate: 2,4,6-Tribromophenol	58 %		10-165		EPA 8270D			11/21/11 09:10	11/21/11 20:14	1110588	
Surrogate: p-Terphenyl-d4	40 %		10-142		EPA 8270D			11/21/11 09:10	11/21/11 20:14	1110588	



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

Attention: Mr. Bob Schoepke

December 05, 2011

Report No.: AUK0847

Client ID: Trip Blank

Date/Time Sampled: 11/16/2011 12:00:00AM

Matrix: Water

Project: Tampa, FL

Lab Number ID: AUK0847-03

Date/Time Received: 11/17/2011 9:48:00AM

Analyte	Result	RL	MDL	Units	Method	Qual	DF	Preparation Date	Analytical Date	Batch	Int.
Volatile Organic Compounds by EPA 8260											
Acetone	ND	100	3.8	ug/L	EPA 8260B		1	11/21/11 12:00	11/21/11 22:42	1110587 GCN	
Acrolein	ND	14	2.4	ug/L	EPA 8260B		1	11/21/11 12:00	11/21/11 22:42	1110587 GCN	
Acrylonitrile	ND	4.0	1.3	ug/L	EPA 8260B		1	11/21/11 12:00	11/21/11 22:42	1110587 GCN	
Allyl Chloride (3-Chloropropylene)	ND	10	0.6	ug/L	EPA 8260B		1	11/21/11 12:00	11/21/11 22:42	1110587 GCN	
Benzene	ND	1.0	0.3	ug/L	EPA 8260B		1	11/21/11 12:00	11/21/11 22:42	1110587 GCN	
Bromobenzene	ND	10	0.4	ug/L	EPA 8260B		1	11/21/11 12:00	11/21/11 22:42	1110587 GCN	
Bromochloromethane	ND	10	0.4	ug/L	EPA 8260B		1	11/21/11 12:00	11/21/11 22:42	1110587 GCN	
Bromodichloromethane	ND	1.0	0.2	ug/L	EPA 8260B		1	11/21/11 12:00	11/21/11 22:42	1110587 GCN	
Bromoform	ND	10	0.5	ug/L	EPA 8260B		1	11/21/11 12:00	11/21/11 22:42	1110587 GCN	
Bromomethane	ND	9.8	1.3	ug/L	EPA 8260B		1	11/21/11 12:00	11/21/11 22:42	1110587 GCN	
n-Butylbenzene	ND	10	0.2	ug/L	EPA 8260B		1	11/21/11 12:00	11/21/11 22:42	1110587 GCN	
sec-Butylbenzene	ND	10	0.4	ug/L	EPA 8260B		1	11/21/11 12:00	11/21/11 22:42	1110587 GCN	
tert-Butylbenzene	ND	10	0.4	ug/L	EPA 8260B		1	11/21/11 12:00	11/21/11 22:42	1110587 GCN	
Carbon Disulfide	ND	10	0.4	ug/L	EPA 8260B		1	11/21/11 12:00	11/21/11 22:42	1110587 GCN	
Carbon Tetrachloride	ND	2.0	0.3	ug/L	EPA 8260B		1	11/21/11 12:00	11/21/11 22:42	1110587 GCN	
Chlorobenzene	ND	10	0.5	ug/L	EPA 8260B		1	11/21/11 12:00	11/21/11 22:42	1110587 GCN	
1-Chlorobutane	ND	10	0.5	ug/L	EPA 8260B		1	11/21/11 12:00	11/21/11 22:42	1110587 GCN	
Chloroethane	ND	5.0	0.6	ug/L	EPA 8260B		1	11/21/11 12:00	11/21/11 22:42	1110587 GCN	
2-Chloroethyl Vinyl Ether	ND	10	0.8	ug/L	EPA 8260B		1	11/21/11 12:00	11/21/11 22:42	1110587 GCN	
Chloroform	1.1	2.0	0.8	ug/L	EPA 8260B	J	1	11/21/11 12:00	11/21/11 22:42	1110587 GCN	
Chloromethane	ND	2.7	0.4	ug/L	EPA 8260B		1	11/21/11 12:00	11/21/11 22:42	1110587 GCN	
2-Chlorotoluene	ND	10	0.4	ug/L	EPA 8260B		1	11/21/11 12:00	11/21/11 22:42	1110587 GCN	
4-Chlorotoluene	ND	10	0.4	ug/L	EPA 8260B		1	11/21/11 12:00	11/21/11 22:42	1110587 GCN	
Dibromochloromethane	ND	1.0	0.2	ug/L	EPA 8260B		1	11/21/11 12:00	11/21/11 22:42	1110587 GCN	
1,2-Dibromo-3-chloropropane	ND	5.0	1.3	ug/L	EPA 8260B		1	11/21/11 12:00	11/21/11 22:42	1110587 GCN	
1,2-Dibromoethane	ND	2.0	0.3	ug/L	EPA 8260B		1	11/21/11 12:00	11/21/11 22:42	1110587 GCN	
Dibromomethane	ND	10	0.5	ug/L	EPA 8260B		1	11/21/11 12:00	11/21/11 22:42	1110587 GCN	
1,2-Dichlorobenzene	ND	10	0.6	ug/L	EPA 8260B		1	11/21/11 12:00	11/21/11 22:42	1110587 GCN	
1,3-Dichlorobenzene	ND	10	0.6	ug/L	EPA 8260B		1	11/21/11 12:00	11/21/11 22:42	1110587 GCN	
1,4-Dichlorobenzene	ND	10	0.6	ug/L	EPA 8260B		1	11/21/11 12:00	11/21/11 22:42	1110587 GCN	
trans-1,4-Dichloro-2-butene	ND	5.0	1.2	ug/L	EPA 8260B		1	11/21/11 12:00	11/21/11 22:42	1110587 GCN	
Dichlorodifluoromethane	ND	10	0.5	ug/L	EPA 8260B		1	11/21/11 12:00	11/21/11 22:42	1110587 GCN	



ANALYTICAL SERVICES, INC.

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

Safety-Kleen Corporation - Elgin
1802 E. Villa Street
Elgin IL, 60120

Attention: Mr. Bob Schoepke

December 05, 2011

Report No.: AUK0847

Project: Tampa, FL

Client ID: Trip Blank

Lab Number ID: AUK0847-03

Date/Time Sampled: 11/16/2011 12:00:00AM

Date/Time Received: 11/17/2011 9:48:00AM

Matrix: Water

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	IntL
Volatile Organic Compounds by EPA 8260											
1,1-Dichloroethane	ND	2.0	0.3	ug/L	EPA 8260B		1	11/21/11 12:00	11/21/11 22:42	1110587 GCN	
1,2-Dichloroethane	ND	2.0	0.4	ug/L	EPA 8260B		1	11/21/11 12:00	11/21/11 22:42	1110587 GCN	
1,1-Dichloroethene	ND	2.0	0.4	ug/L	EPA 8260B		1	11/21/11 12:00	11/21/11 22:42	1110587 GCN	
cis-1,2-Dichloroethene	ND	2.0	0.4	ug/L	EPA 8260B		1	11/21/11 12:00	11/21/11 22:42	1110587 GCN	
trans-1,2-Dichloroethene	ND	2.0	0.3	ug/L	EPA 8260B		1	11/21/11 12:00	11/21/11 22:42	1110587 GCN	
1,2-Dichloropropane	ND	2.0	0.3	ug/L	EPA 8260B		1	11/21/11 12:00	11/21/11 22:42	1110587 GCN	
1,3-Dichloropropane	ND	2.0	0.3	ug/L	EPA 8260B		1	11/21/11 12:00	11/21/11 22:42	1110587 GCN	
2,2-Dichloropropane	ND	10	0.2	ug/L	EPA 8260B		1	11/21/11 12:00	11/21/11 22:42	1110587 GCN	
1,1-Dichloropropane	ND	10	0.4	ug/L	EPA 8260B		1	11/21/11 12:00	11/21/11 22:42	1110587 GCN	
cis-1,3-Dichloropropane	ND	1.0	0.2	ug/L	EPA 8260B		1	11/21/11 12:00	11/21/11 22:42	1110587 GCN	
trans-1,3-Dichloropropane	ND	2.0	0.2	ug/L	EPA 8260B		1	11/21/11 12:00	11/21/11 22:42	1110587 GCN	
Ethylbenzene	ND	2.0	0.3	ug/L	EPA 8260B		1	11/21/11 12:00	11/21/11 22:42	1110587 GCN	
Ethyl Methacrylate	ND	10	0.6	ug/L	EPA 8260B		1	11/21/11 12:00	11/21/11 22:42	1110587 GCN	
Hexachlorobutadiene	ND	1.0	1.0	ug/L	EPA 8260B		1	11/21/11 12:00	11/21/11 22:42	1110587 GCN	
p-Isopropyltoluene	ND	10	0.4	ug/L	EPA 8260B		1	11/21/11 12:00	11/21/11 22:42	1110587 GCN	
Hexachloroethane	ND	4.0	1.2	ug/L	EPA 8260B		1	11/21/11 12:00	11/21/11 22:42	1110587 GCN	
Iodomethane	ND	10	0.5	ug/L	EPA 8260B		1	11/21/11 12:00	11/21/11 22:42	1110587 GCN	
Isopropylbenzene	ND	10	0.4	ug/L	EPA 8260B		1	11/21/11 12:00	11/21/11 22:42	1110587 GCN	
Methacrylonitrile	ND	5.0	1.4	ug/L	EPA 8260B		1	11/21/11 12:00	11/21/11 22:42	1110587 GCN	
Methyl Acrylate	ND	10	0.6	ug/L	EPA 8260B		1	11/21/11 12:00	11/21/11 22:42	1110587 GCN	
Methyl Butyl Ketone (2-Hexanone)	ND	10	1.1	ug/L	EPA 8260B		1	11/21/11 12:00	11/21/11 22:42	1110587 GCN	
Methylene Chloride	ND	5.0	0.6	ug/L	EPA 8260B		1	11/21/11 12:00	11/21/11 22:42	1110587 GCN	
Methyl Ethyl Ketone (2-Butanone)	ND	100	1.6	ug/L	EPA 8260B		1	11/21/11 12:00	11/21/11 22:42	1110587 GCN	
Methyl Methacrylate	ND	10	0.6	ug/L	EPA 8260B		1	11/21/11 12:00	11/21/11 22:42	1110587 GCN	
4-Methyl-2-pentanone (MIBK)	ND	10	1.1	ug/L	EPA 8260B		1	11/21/11 12:00	11/21/11 22:42	1110587 GCN	
Methyl-tert-Butyl Ether	ND	10	0.4	ug/L	EPA 8260B		1	11/21/11 12:00	11/21/11 22:42	1110587 GCN	
Naphthalene	ND	10	0.4	ug/L	EPA 8260B		1	11/21/11 12:00	11/21/11 22:42	1110587 GCN	
2-Nitropropane	ND	10	1.2	ug/L	EPA 8260B		1	11/21/11 12:00	11/21/11 22:42	1110587 GCN	
Propionitrile (Ethyl Cyanide)	ND	20	1.6	ug/L	EPA 8260B		1	11/21/11 12:00	11/21/11 22:42	1110587 GCN	
n-Propylbenzene	ND	10	0.4	ug/L	EPA 8260B		1	11/21/11 12:00	11/21/11 22:42	1110587 GCN	
Styrene	ND	5.0	0.3	ug/L	EPA 8260B		1	11/21/11 12:00	11/21/11 22:42	1110587 GCN	
1,1,1,2-Tetrachloroethane	ND	1.3	0.3	ug/L	EPA 8260B		1	11/21/11 12:00	11/21/11 22:42	1110587 GCN	



ANALYTICAL SERVICES, INC.

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

Safety-Kleen Corporation - Elgin
1802 E. Villa Street
Elgin IL, 60120

Attention: Mr. Bob Schoske

December 05, 2011

Report No.: AUK0847

Project: Tampa, FL

Client ID: Trip Blank

Lab Number ID: AUK0847-03

Date/Time Sampled: 11/16/2011 12:00:00AM

Date/Time Received: 11/17/2011 8:45:00AM

Matrix: Water

Analyte	Result	RL	MDL	Units	Method	Qual	DF	Preparation Date	Analytical Date	Batch	IntL
Volatile Organic Compounds by EPA 8260											
1,1,2,2-Tetrachloroethane	ND	1.0	0.4	ug/L	EPA 8260B		1	11/21/11 12:00	11/21/11 22:42	1110587 GCN	
Tetrachloroethane	ND	2.0	0.4	ug/L	EPA 8260B		1	11/21/11 12:00	11/21/11 22:42	1110587 GCN	
Toluene	ND	2.0	0.4	ug/L	EPA 8260B		1	11/21/11 12:00	11/21/11 22:42	1110587 GCN	
1,2,3-Trichlorobenzene	ND	10	0.7	ug/L	EPA 8260B		1	11/21/11 12:00	11/21/11 22:42	1110587 GCN	
1,2,4-Trichlorobenzene	ND	10	0.5	ug/L	EPA 8260B		1	11/21/11 12:00	11/21/11 22:42	1110587 GCN	
1,1,1-Trichloroethane	ND	2.0	0.3	ug/L	EPA 8260B		1	11/21/11 12:00	11/21/11 22:42	1110587 GCN	
1,1,2-Trichloroethane	ND	2.0	0.7	ug/L	EPA 8260B		1	11/21/11 12:00	11/21/11 22:42	1110587 GCN	
Trichloroethane	ND	2.0	0.3	ug/L	EPA 8260B		1	11/21/11 12:00	11/21/11 22:42	1110587 GCN	
Trichlorofluoromethane	ND	10	0.3	ug/L	EPA 8260B		1	11/21/11 12:00	11/21/11 22:42	1110587 GCN	
1,2,3-Trichloropropane	ND	1.0	0.7	ug/L	EPA 8260B		1	11/21/11 12:00	11/21/11 22:42	1110587 GCN	
1,2,4-Trimethylbenzene	ND	10	0.4	ug/L	EPA 8260B		1	11/21/11 12:00	11/21/11 22:42	1110587 GCN	
1,3,5-Trimethylbenzene	ND	10	0.3	ug/L	EPA 8260B		1	11/21/11 12:00	11/21/11 22:42	1110587 GCN	
Vinyl Acetate	ND	10	0.2	ug/L	EPA 8260B		1	11/21/11 12:00	11/21/11 22:42	1110587 GCN	
Vinyl Chloride	ND	1.0	0.2	ug/L	EPA 8260B		1	11/21/11 12:00	11/21/11 22:42	1110587 GCN	
m+p-Xylene	ND	5.0	0.6	ug/L	EPA 8260B		1	11/21/11 12:00	11/21/11 22:42	1110587 GCN	
o-Xylene	ND	5.0	0.3	ug/L	EPA 8260B		1	11/21/11 12:00	11/21/11 22:42	1110587 GCN	
Xylenes, total	ND	5.0	0.6	ug/L	EPA 8260B		1	11/21/11 12:00	11/21/11 22:42	1110587 GCN	
Surrogate: Dibromofluoromethane	100 %	75-123			EPA 8260B			11/21/11 12:00	11/21/11 22:42	1110587	
Surrogate: 1,2-Dichloroethane-d4	97 %	72-118			EPA 8260B			11/21/11 12:00	11/21/11 22:42	1110587	
Surrogate: Toluene-d8	101 %	75-112			EPA 8260B			11/21/11 12:00	11/21/11 22:42	1110587	
Surrogate: 4-Bromofluorobenzene	108 %	80-120			EPA 8260B			11/21/11 12:00	11/21/11 22:42	1110587	



ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30082
(770) 734-4200 FAX (770) 734-4201

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

Attention: Mr. Bob Schoepke

December 05, 2011

Report No.: AUK0547

Metals, Total - Quality Control

Analyte	Result	RL	MDL	Units	Spike Level	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
Batch 1110531 - EPA 7470A											
Blank (1110531-BLK1)						Prepared: 11/22/11 Analyzed: 11/23/11					
Mercury	ND	0.0005	0.00009	mg/L							
LCS (1110531-BB1)						Prepared: 11/22/11 Analyzed: 11/23/11					
Mercury	0.0027	0.0005	0.00009	mg/L	2.5000E-3		107	80-120			
Matrix Spike (1110531-MS1)						Source: AUK0583-01 Prepared: 11/22/11 Analyzed: 11/23/11					
Mercury	0.0029	0.0005	0.00009	mg/L	2.5000E-3	0.0002	108	75-125			
Matrix Spike Dup (1110531-MSD1)						Source: AUK0583-01 Prepared: 11/22/11 Analyzed: 11/23/11					
Mercury	0.0029	0.0005	0.00009	mg/L	2.5000E-3	0.0002	108	75-125	0.2	20	
Post Spike (1110531-PS1)						Source: AUK0583-01 Prepared: 11/22/11 Analyzed: 11/23/11					
Mercury	1.96			ug/L	1.6667	0.166	107	80-120			
Batch 1110695 - EPA 3010A											
Blank (1110695-BLK1)						Prepared & Analyzed: 11/29/11					
Arsenic	ND	0.015	0.009	mg/L							
Barium	ND	0.010	0.0003	mg/L							
Cadmium	ND	0.005	0.0002	mg/L							
Chromium	ND	0.010	0.002	mg/L							
Lead	ND	0.015	0.008	mg/L							
Selenium	ND	0.040	0.010	mg/L							
Silver	ND	0.010	0.002	mg/L							
LCS (1110695-BB1)						Prepared & Analyzed: 11/29/11					
Arsenic	1.08	0.030	0.009	mg/L	1.0000		108	80-120			
Barium	1.02	0.010	0.0003	mg/L	1.0000		102	80-120			
Cadmium	1.08	0.010	0.0002	mg/L	1.0000		108	80-120			
Chromium	1.02	0.010	0.002	mg/L	1.0000		102	80-120			
Lead	1.08	0.025	0.008	mg/L	1.0000		108	80-120			
Selenium	1.05	0.040	0.010	mg/L	1.0000		105	80-120			
Silver	1.07	0.010	0.002	mg/L	1.0000		107	80-120			



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Safety-Kleen Corporation - Elgin
1802 E. Villa Street
Elgin IL, 60120

Attention: Mr. Bob Schoepke

December 08, 2011

Report No.: AUK0547

Metals, Total - Quality Control

Analyte	Result	RL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1110895 - EPA 3010A											
Matrix Spike (1110895-MS1)			Source: AUK0550-01			Prepared & Analyzed: 11/29/11					
Arsenic	1.07	0.030	0.008	mg/L	1.0000	ND	107	75-125			
Barium	1.02	0.010	0.0003	mg/L	1.0000	0.008	101	75-125			
Cadmium	1.05	0.010	0.0002	mg/L	1.0000	0.0002	105	75-125			
Chromium	1.01	0.010	0.002	mg/L	1.0000	ND	101	75-125			
Lead	1.06	0.025	0.008	mg/L	1.0000	ND	106	75-125			
Selenium	1.06	0.040	0.010	mg/L	1.0000	ND	106	75-125			
Silver	1.06	0.010	0.002	mg/L	1.0000	ND	106	75-125			
Matrix Spike Dup (1110895-MSD1)			Source: AUK0550-01			Prepared & Analyzed: 11/29/11					
Arsenic	1.07	0.030	0.008	mg/L	1.0000	ND	107	75-125	0.6	20	
Barium	1.02	0.010	0.0003	mg/L	1.0000	0.008	102	75-125	0.8	20	
Cadmium	1.05	0.010	0.0002	mg/L	1.0000	0.0002	105	75-125	0	20	
Chromium	1.02	0.010	0.002	mg/L	1.0000	ND	102	75-125	1	20	
Lead	1.06	0.025	0.008	mg/L	1.0000	ND	106	75-125	0.4	20	
Selenium	1.07	0.040	0.010	mg/L	1.0000	ND	107	75-125	0.7	20	
Silver	1.07	0.010	0.002	mg/L	1.0000	ND	107	75-125	0.4	20	
Post Spike (1110895-PS1)			Source: AUK0550-01			Prepared & Analyzed: 11/29/11					
Arsenic	1.06			mg/L	1.0000	0.007	105	80-120			
Barium	1.01			mg/L	1.0000	0.008	100	80-120			
Cadmium	1.03			mg/L	1.0000	0.0002	103	80-120			
Chromium	1.00			mg/L	1.0000	-0.0002	100	80-120			
Lead	1.05			mg/L	1.0000	0.002	105	80-120			
Selenium	1.05			mg/L	1.0000	-0.008	105	80-120			
Silver	1.05			mg/L	1.0000	0.0003	105	80-120			



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110 Technology Parkway, Norcross, GA 30092
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Safety-Kleen Corporation - Elgin
1802 E. Villa Street
Elgin IL, 60120

Attention: Mr. Bob Schospha

December 05, 2011

Report No.: AUK0547

Volatile Organic Compounds by EPA 8260 - Quality Control

Analyte	Result	RL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1110477 - EPA 8030B											
Blank (1110477-BLK1)						Prepared & Analyzed: 11/17/11					
Acetone	ND	100	3.8	ug/L							
Acetaldehyde	ND	50	2.4	ug/L							
Acrylonitrile	ND	50	1.3	ug/L							
Allyl Chloride (3-Chloropropylene)	ND	10	0.6	ug/L							
Benzene	ND	2.0	0.3	ug/L							
Bromobenzene	ND	10	0.4	ug/L							
Bromochloromethane	ND	10	0.4	ug/L							
Bromodichloromethane	ND	10	0.2	ug/L							
Bromoform	ND	10	0.5	ug/L							
Bromomethane	ND	10	1.3	ug/L							
n-Butylbenzene	ND	10	0.2	ug/L							
sec-Butylbenzene	ND	10	0.4	ug/L							
tert-Butylbenzene	ND	10	0.4	ug/L							
Carbon Disulfide	ND	10	0.4	ug/L							
Carbon Tetrachloride	ND	2.0	0.3	ug/L							
Chlorobenzene	ND	10	0.5	ug/L							
1-Chlorobutane	ND	10	0.5	ug/L							
Chloroethane	ND	5.0	0.6	ug/L							
2-Chloroethyl Vinyl Ether	ND	10	0.6	ug/L							
Chloroform	ND	2.0	0.6	ug/L							
Chloromethane	ND	10	0.4	ug/L							
2-Chlorotoluene	ND	10	0.4	ug/L							
4-Chlorotoluene	ND	10	0.4	ug/L							
Dibromochloromethane	ND	10	0.2	ug/L							
1,2-Dibromo-3-chloropropane	ND	10	1.3	ug/L							
1,2-Dibromoethane	ND	10	0.3	ug/L							
Dibromomethane	ND	10	0.5	ug/L							
1,2-Dichlorobenzene	ND	10	0.6	ug/L							
1,3-Dichlorobenzene	ND	10	0.6	ug/L							
1,4-Dichlorobenzene	ND	10	0.6	ug/L							
trans-1,4-Dichloro-2-butene	ND	5.0	1.2	ug/L							
Dichlorodifluoromethane	ND	10	0.5	ug/L							
1,1-Dichloroethane	ND	2.0	0.3	ug/L							
1,2-Dichloroethane	ND	2.0	0.4	ug/L							
1,1-Dichloroethane	ND	2.0	0.4	ug/L							
cis-1,2-Dichloroethane	ND	2.0	0.4	ug/L							
trans-1,2-Dichloroethane	ND	2.0	0.3	ug/L							
1,2-Dichloropropene	ND	2.0	0.3	ug/L							
1,3-Dichloropropene	ND	2.0	0.3	ug/L							



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Elgin IL, 60120

Attention: Mr. Bob Schoskus

December 05, 2011

Report No.: AUK0547

Volatile Organic Compounds by EPA 8260 - Quality Control

Analyte	Result	RL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1110477 - EPA 8030B											
Blank (1110477-BLK1)						Prepared & Analyzed: 11/17/11					
2,2-Dichloropropane	ND	10	0.2	ug/L							
1,1-Dichloropropane	ND	10	0.4	ug/L							
cis-1,3-Dichloropropane	ND	2.0	0.2	ug/L							
trans-1,3-Dichloropropane	ND	2.0	0.2	ug/L							
Ethylbenzene	ND	2.0	0.3	ug/L							
Ethyl Methacrylate	ND	10	0.6	ug/L							
Hexachlorobutadiene	ND	10	1.0	ug/L							
p-Isopropyltoluene	ND	10	0.4	ug/L							
Hexachloroethane	ND	10	1.2	ug/L							
Iodomethane	ND	10	0.5	ug/L							
Isopropylbenzene	ND	10	0.4	ug/L							
Methacrylonitrile	ND	10	1.4	ug/L							
Methyl Acrylate	ND	10	0.6	ug/L							
Methyl Butyl Ketone (2-Hexanone)	ND	10	1.1	ug/L							
Methylene Chloride	ND	5.0	0.6	ug/L							
Methyl Ethyl Ketone (2-Butanone)	ND	100	1.6	ug/L							
Methyl Methacrylate	ND	10	0.6	ug/L							
4-Methyl-2-pentanone (MIBK)	ND	10	1.1	ug/L							
Methyl-tert-Butyl Ether	ND	10	0.4	ug/L							
Naphthalene	ND	10	0.4	ug/L							
2-Nitropropane	ND	10	1.2	ug/L							
Propionitrile (Ethyl Cyanide)	ND	20	1.6	ug/L							
n-Propylbenzene	ND	10	0.4	ug/L							
Styrene	ND	5.0	0.3	ug/L							
1,1,1,2-Tetrachloroethane	ND	2.0	0.3	ug/L							
1,1,2,2-Tetrachloroethane	ND	2.0	0.4	ug/L							
Tetrachloroethane	ND	2.0	0.4	ug/L							
Toluene	ND	2.0	0.4	ug/L							
1,2,3-Trichlorobenzene	ND	10	0.7	ug/L							
1,2,4-Trichlorobenzene	ND	10	0.5	ug/L							
1,1,1-Trichloroethane	ND	2.0	0.3	ug/L							
1,1,2-Trichloroethane	ND	2.0	0.7	ug/L							
Trichloroethane	ND	2.0	0.3	ug/L							
Trichlorofluoromethane	ND	10	0.3	ug/L							
1,2,3-Trichloropropane	ND	10	0.7	ug/L							
1,2,4-Trimethylbenzene	ND	10	0.4	ug/L							
1,3,5-Trimethylbenzene	ND	10	0.3	ug/L							
Vinyl Acetate	ND	10	0.2	ug/L							
Vinyl Chloride	ND	2.0	0.2	ug/L							



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

Attention: Mr. Bob Schoppe

December 05, 2011

Report No.: AUK0547

Volatile Organic Compounds by EPA 8260 - Quality Control

Analyte	Result	RL	MDL	Units	Spike Level	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
Batch 1110477 - EPA 5030B											
Blank (1110477-BLK1)						Prepared & Analyzed: 11/17/11					
m+p-Xylene	ND	5.0	0.6	ug/L							
o-Xylene	ND	5.0	0.3	ug/L							
Xylenes, total	ND	5.0	0.6	ug/L							
Surrogate: Dibromofluoromethane	48			ug/L	50.000		97	75-123			
Surrogate: 1,2-Dichloroethene-d4	51			ug/L	50.000		102	72-118			
Surrogate: Toluene-d8	48			ug/L	50.000		91	75-112			
Surrogate: 4-Bromofluorobenzene	52			ug/L	50.000		105	80-120			
LCS (1110477-BB1)						Prepared & Analyzed: 11/17/11					
Benzene	58			ug/L	50.000		115	80-120			
Chlorobenzene	49			ug/L	50.000		98	80-120			
1,1-Dichloroethene	58			ug/L	50.000		117	77-121			
Toluene	54			ug/L	50.000		108	78-120			
Trichloroethene	57			ug/L	50.000		114	80-122			
Surrogate: Dibromofluoromethane	48			ug/L	50.000		95	75-123			
Surrogate: 1,2-Dichloroethene-d4	49			ug/L	50.000		97	72-118			
Surrogate: Toluene-d8	48			ug/L	50.000		91	75-112			
Surrogate: 4-Bromofluorobenzene	52			ug/L	50.000		103	80-120			
Matrix Spike (1110477-MB1)				Source: AUK0490-01		Prepared & Analyzed: 11/17/11					
Benzene	58			ug/L	50.000	ND	118	80-123			
Chlorobenzene	48			ug/L	50.000	ND	98	75-120			
1,1-Dichloroethene	58			ug/L	50.000	ND	117	80-120			
Toluene	53			ug/L	50.000	ND	108	80-120			
Trichloroethene	55			ug/L	50.000	0.2	110	80-125			
Surrogate: Dibromofluoromethane	49			ug/L	50.000		97	75-123			
Surrogate: 1,2-Dichloroethene-d4	50			ug/L	50.000		100	72-118			
Surrogate: Toluene-d8	45			ug/L	50.000		90	75-112			
Surrogate: 4-Bromofluorobenzene	52			ug/L	50.000		105	80-120			



ANALYTICAL SERVICES, INC.

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

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

Attention: Mr. Bob Schoepke

December 05, 2011

Report No.: AUK0547

Volatile Organic Compounds by EPA 8260 - Quality Control

Analyte	Result	RL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1110477 - EPA 8030B											
Matrix Spike Dup (1110477-MSD1)				Source: AUK0490-01			Prepared & Analyzed: 11/17/11				
Benzene	59			ug/L	50.000	ND	118	80-123	2	9	
Chlorobenzene	48			ug/L	50.000	ND	98	75-120	2	13	
1,1-Dichloroethane	59			ug/L	50.000	ND	117	80-120	0.2	9	
Toluene	54			ug/L	50.000	ND	108	80-120	2	9	
Trichloroethane	57			ug/L	50.000	0.2	113	80-125	3	11	
Surrogate: Dibromofluoromethane	49			ug/L	50.000		97	75-123			
Surrogate: 1,2-Dichloroethane-d4	51			ug/L	50.000		101	72-118			
Surrogate: Toluene-d8	45			ug/L	50.000		89	75-112			
Surrogate: 4-Bromofluorobenzene	52			ug/L	50.000		104	80-120			

Batch 1110557 - EPA 8030B

Blank (1110557-BLK1)				Prepared & Analyzed: 11/21/11							
Acetone	ND	100	3.8	ug/L							
Acrolein	ND	14	2.4	ug/L							
Acrylonitrile	ND	4.0	1.3	ug/L							
Allyl Chloride (3-Chloropropylene)	0.7	10	0.6	ug/L							J
Benzene	ND	1.0	0.3	ug/L							
Bromobenzene	ND	10	0.4	ug/L							
Bromochloromethane	ND	10	0.4	ug/L							
Bromodichloromethane	ND	1.0	0.2	ug/L							
Bromoform	ND	10	0.5	ug/L							
Bromomethane	ND	9.8	1.3	ug/L							
n-Butylbenzene	ND	10	0.2	ug/L							
sec-Butylbenzene	ND	10	0.4	ug/L							
tert-Butylbenzene	ND	10	0.4	ug/L							
Carbon Disulfide	ND	10	0.4	ug/L							
Carbon Tetrachloride	ND	2.0	0.3	ug/L							
Chlorobenzene	ND	10	0.5	ug/L							
1-Chlorobutane	0.7	10	0.5	ug/L							J
Chloroethane	ND	5.0	0.6	ug/L							
2-Chloroethyl Vinyl Ether	ND	10	0.6	ug/L							
Chloroform	ND	2.0	0.6	ug/L							
Chloromethane	ND	2.7	0.4	ug/L							
2-Chlorotoluene	ND	10	0.4	ug/L							
4-Chlorotoluene	ND	10	0.4	ug/L							
Dibromochloromethane	ND	1.0	0.2	ug/L							
1,2-Dibromo-3-chloropropane	ND	5.0	1.3	ug/L							
1,2-Dibromomethane	ND	2.0	0.3	ug/L							
Dibromomethane	ND	10	0.5	ug/L							



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110 Technology Parkway, Norcross, GA 30082
(770) 734-4200 FAX (770) 734-4201

Safety-Kleen Corporation - Elgin
1802 E. Villa Street
Elgin IL 60120

Attention: Mr. Bob Schoepke
Report No.: AUK0547

December 05, 2011

Volatile Organic Compounds by EPA 8260 - Quality Control

Analyte	Result	RL	MDL	Units	Spike Level	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
Batch 1110887 - EPA 8030B											
Blank (1110887-BLK1)						Prepared & Analyzed: 11/21/11					
1,2-Dichlorobenzene	ND	10	0.6	ug/L							
1,3-Dichlorobenzene	ND	10	0.6	ug/L							
1,4-Dichlorobenzene	ND	10	0.6	ug/L							
trans-1,4-Dichloro-2-butene	ND	5.0	1.2	ug/L							
Dichlorodifluoromethane	ND	10	0.5	ug/L							
1,1-Dichloroethane	ND	2.0	0.3	ug/L							
1,2-Dichloroethane	ND	2.0	0.4	ug/L							
1,1-Dichloroethene	ND	2.0	0.4	ug/L							
cis-1,2-Dichloroethene	ND	2.0	0.4	ug/L							
trans-1,2-Dichloroethene	ND	2.0	0.3	ug/L							
1,2-Dichloropropane	ND	2.0	0.3	ug/L							
1,3-Dichloropropane	ND	2.0	0.3	ug/L							
2,2-Dichloropropane	3.6	10	0.2	ug/L							J
1,1-Dichloropropane	4.1	10	0.4	ug/L							J
cis-1,3-Dichloropropane	ND	1.0	0.2	ug/L							
trans-1,3-Dichloropropane	ND	2.0	0.2	ug/L							
Ethylbenzene	ND	2.0	0.3	ug/L							
Ethyl Methacrylate	ND	10	0.6	ug/L							
Hexachlorobutadiene	ND	1.0	1.0	ug/L							
p-Isopropyltoluene	ND	10	0.4	ug/L							
Hexachloroethane	ND	4.0	1.2	ug/L							
Iodomethane	ND	10	0.5	ug/L							
Isopropylbenzene	ND	10	0.4	ug/L							
Methacrylonitrile	ND	5.0	1.4	ug/L							
Methyl Acrylate	3.0	10	0.6	ug/L							J
Methyl Butyl Ketone (2-Hexanone)	ND	10	1.1	ug/L							
Methylene Chloride	ND	5.0	0.6	ug/L							
Methyl Ethyl Ketone (2-Butanone)	ND	100	1.8	ug/L							
Methyl Methacrylate	3.4	10	0.6	ug/L							J
4-Methyl-2-pentanone (MIBK)	ND	10	1.1	ug/L							
Methyl-tert-Butyl Ether	ND	10	0.4	ug/L							
Naphthalene	ND	10	0.4	ug/L							
2-Nitropropane	ND	10	1.2	ug/L							
Propionitrile (Ethyl Cyanide)	ND	20	1.8	ug/L							
n-Propylbenzene	ND	10	0.4	ug/L							
Styrene	ND	5.0	0.3	ug/L							
1,1,1,2-Tetrachloroethane	ND	1.3	0.3	ug/L							
1,1,2,2-Tetrachloroethane	ND	1.0	0.4	ug/L							
Tetrachloroethane	ND	2.0	0.4	ug/L							



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Elgin IL, 60120

Attention: Mr. Bob Schoepke

December 05, 2011

Report No.: AUK0547

Volatile Organic Compounds by EPA 8260 - Quality Control

Analyte	Result	RL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1110557 - EPA 8030B											
Blank (1110557-BLK1)						Prepared & Analyzed: 11/21/11					
Toluene	ND	2.0	0.4	ug/L							
1,2,3-Trichlorobenzene	ND	10	0.7	ug/L							
1,2,4-Trichlorobenzene	ND	10	0.5	ug/L							
1,1,1-Trichloroethane	ND	2.0	0.3	ug/L							
1,1,2-Trichloroethane	ND	2.0	0.7	ug/L							
Trichloroethane	ND	2.0	0.3	ug/L							
Trichlorofluoromethane	ND	10	0.3	ug/L							
1,2,3-Trichloropropane	ND	10	0.7	ug/L							
1,2,4-Trimethylbenzene	ND	10	0.4	ug/L							
1,3,5-Trimethylbenzene	ND	10	0.3	ug/L							
Vinyl Acetate	2.0	10	0.2	ug/L							J
Vinyl Chloride	ND	1.0	0.2	ug/L							
m+p-Xylene	ND	5.0	0.6	ug/L							
o-Xylene	ND	5.0	0.3	ug/L							
Xylenes, total	ND	5.0	0.6	ug/L							
Surrogate: Dibromofluoromethane	47			ug/L	50.000		93	75-123			
Surrogate: 1,2-Dichloroethane-d4	49			ug/L	50.000		97	72-118			
Surrogate: Toluene-d8	50			ug/L	50.000		101	75-112			
Surrogate: 4-Bromofluorobenzene	52			ug/L	50.000		103	80-120			
Blank (1110557-BLK2)						Prepared & Analyzed: 11/22/11					
Acetone	ND	100	3.8	ug/L							
Acrolein	ND	14	2.4	ug/L							
Acrylonitrile	ND	4.0	1.3	ug/L							
Allyl Chloride (3-Chloropropylene)	ND	10	0.6	ug/L							
Benzene	ND	1.0	0.3	ug/L							
Bromobenzene	ND	10	0.4	ug/L							
Bromochloromethane	ND	10	0.4	ug/L							
Bromodichloromethane	ND	1.0	0.2	ug/L							
Bromoform	ND	10	0.5	ug/L							
Bromomethane	ND	9.8	1.3	ug/L							
n-Butylbenzene	ND	10	0.2	ug/L							
sec-Butylbenzene	ND	10	0.4	ug/L							
tert-Butylbenzene	ND	10	0.4	ug/L							
Carbon Disulfide	ND	10	0.4	ug/L							
Carbon Tetrachloride	ND	2.0	0.3	ug/L							
Chlorobenzene	ND	10	0.5	ug/L							
1-Chlorobutane	1.1	10	0.5	ug/L							J
Chloroethane	ND	5.0	0.6	ug/L							
2-Chloroethyl Vinyl Ether	ND	10	0.6	ug/L							



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110 Technology Parkway, Norcross, GA 30092
(770) 734-4200 FAX (770) 734-4201

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

Attention: Mr. Bob Schoepke

December 05, 2011

Report No.: AUK0647

Volatile Organic Compounds by EPA 8260 - Quality Control

Analyte	Result	RL	MDL	Units	Spike Level	Source Result	%REC	%REC Units	RPD	RPD Unit	Notes
Batch 1110557 - EPA 5030B											
Blank (1110557-BLK2)						Prepared & Analyzed: 11/22/11					
Chloroform	ND	2.0	0.6	ug/L							
Chloromethane	ND	2.7	0.4	ug/L							
2-Chlorotoluene	ND	10	0.4	ug/L							
4-Chlorotoluene	ND	10	0.4	ug/L							
Dibromochloromethane	ND	1.0	0.2	ug/L							
1,2-Dibromo-3-chloropropane	ND	5.0	1.3	ug/L							
1,2-Dibromomethane	ND	2.0	0.3	ug/L							
Dibromomethane	ND	10	0.5	ug/L							
1,2-Dichlorobenzene	ND	10	0.6	ug/L							
1,3-Dichlorobenzene	ND	10	0.6	ug/L							
1,4-Dichlorobenzene	ND	10	0.6	ug/L							
trans-1,4-Dichloro-2-butene	ND	5.0	1.2	ug/L							
Dichlorodifluoromethane	ND	10	0.5	ug/L							
1,1-Dichloroethane	ND	2.0	0.3	ug/L							
1,2-Dichloroethane	ND	2.0	0.4	ug/L							
1,1-Dichloroethane	ND	2.0	0.4	ug/L							
cis-1,2-Dichloroethane	ND	2.0	0.4	ug/L							
trans-1,2-Dichloroethane	ND	2.0	0.3	ug/L							
1,2-Dichloropropane	ND	2.0	0.3	ug/L							
1,3-Dichloropropane	ND	2.0	0.3	ug/L							
2,2-Dichloropropane	ND	10	0.2	ug/L							
1,1-Dichloropropane	ND	10	0.4	ug/L							
cis-1,3-Dichloropropane	ND	1.0	0.2	ug/L							
trans-1,3-Dichloropropane	ND	2.0	0.2	ug/L							
Ethylbenzene	ND	2.0	0.3	ug/L							
Ethyl Methacrylate	ND	10	0.6	ug/L							
Hexachlorobutadiene	ND	1.0	1.0	ug/L							
p-Isopropyltoluene	ND	10	0.4	ug/L							
Hexachloroethane	ND	4.0	1.2	ug/L							
Iodomethane	ND	10	0.5	ug/L							
Isopropylbenzene	ND	10	0.4	ug/L							
Methacrylonitrile	ND	5.0	1.4	ug/L							
Methyl Acrylate	ND	10	0.6	ug/L							
Methyl Butyl Ketone (2-Hexanone)	ND	10	1.1	ug/L							
Methylene Chloride	ND	5.0	0.6	ug/L							
Methyl Ethyl Ketone (2-Butanone)	ND	100	1.8	ug/L							
Methyl Methacrylate	ND	10	0.6	ug/L							
4-Methyl-2-pentanone (MIBK)	ND	10	1.1	ug/L							
Methyl-tert-Butyl Ether	ND	10	0.4	ug/L							



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Report No.: AUK0547

Volatile Organic Compounds by EPA 8260 - Quality Control

Analyte	Result	RL	MDL	Units	Spike Level	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
Batch 1110587 - EPA 8030B											
Blank (1110587-BLK2)						Prepared & Analyzed: 11/22/11					
Naphthalene	ND	10	0.4	ug/L							
2-Nitropropane	ND	10	1.2	ug/L							
Propanitrile (Ethyl Cyanide)	ND	20	1.6	ug/L							
n-Propylbenzene	ND	10	0.4	ug/L							
Styrene	ND	5.0	0.3	ug/L							
1,1,1,2-Tetrachloroethane	ND	1.3	0.3	ug/L							
1,1,2,2-Tetrachloroethane	ND	1.0	0.4	ug/L							
Tetrachloroethane	ND	2.0	0.4	ug/L							
Toluene	ND	2.0	0.4	ug/L							
1,2,3-Trichlorobenzene	ND	10	0.7	ug/L							
1,2,4-Trichlorobenzene	ND	10	0.5	ug/L							
1,1,1-Trichloroethane	ND	2.0	0.3	ug/L							
1,1,2-Trichloroethane	ND	2.0	0.7	ug/L							
Trichloroethane	ND	2.0	0.3	ug/L							
Trichlorofluoromethane	ND	10	0.3	ug/L							
1,2,3-Trichloropropane	ND	10	0.7	ug/L							
1,2,4-Trimethylbenzene	ND	10	0.4	ug/L							
1,3,5-Trimethylbenzene	ND	10	0.3	ug/L							
Vinyl Acetate	2.0	10	0.2	ug/L							J
Vinyl Chloride	ND	1.0	0.2	ug/L							
m+p-Xylene	ND	5.0	0.6	ug/L							
o-Xylene	ND	5.0	0.3	ug/L							
Xylenes, total	ND	5.0	0.6	ug/L							
Surrogate: Dibromofluoromethane	55			ug/L	50.000		110	75-123			
Surrogate: 1,2-Dichloroethane-d4	62			ug/L	50.000		124	72-118			S-07
Surrogate: Toluene-d8	53			ug/L	50.000		105	75-112			
Surrogate: 4-Bromofluorobenzene	57			ug/L	50.000		114	80-120			



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1602 E. Villa Street
Elgin IL, 60120

Attention: Mr. Bob Schoske

December 05, 2011

Report No.: AUK0547

Volatile Organic Compounds by EPA 8260 - Quality Control

Analyte	Result	RL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1110897 - EPA 8030B											
Blank (1110897-BLUC)						Prepared & Analyzed: 11/23/11					
Acetone	ND	100	3.8	ug/L							
Acrolein	ND	14	2.4	ug/L							
Acrylonitrile	ND	4.0	1.3	ug/L							
Allyl Chloride (3-Chloropropylene)	5.6	10	0.8	ug/L							J
Benzene	ND	1.0	0.3	ug/L							
Bromobenzene	ND	10	0.4	ug/L							
Bromochloromethane	ND	10	0.4	ug/L							
Bromodichloromethane	ND	1.0	0.2	ug/L							
Bromoform	ND	10	0.5	ug/L							
Bromomethane	ND	9.8	1.3	ug/L							
n-Butylbenzene	4.1	10	0.2	ug/L							J
sec-Butylbenzene	ND	10	0.4	ug/L							
tert-Butylbenzene	3.8	10	0.4	ug/L							J
Carbon Disulfide	ND	10	0.4	ug/L							
Carbon Tetrachloride	ND	2.0	0.3	ug/L							
Chlorobenzene	ND	10	0.5	ug/L							
1-Chlorobutane	0.9	10	0.5	ug/L							J
Chloroethane	ND	5.0	0.6	ug/L							
2-Chloroethyl Vinyl Ether	ND	10	0.6	ug/L							
Chloroform	ND	2.0	0.6	ug/L							
Chloromethane	ND	2.7	0.4	ug/L							
2-Chlorotoluene	ND	10	0.4	ug/L							
4-Chlorotoluene	ND	10	0.4	ug/L							
Dibromochloromethane	ND	1.0	0.2	ug/L							
1,2-Dibromo-3-chloropropane	ND	5.0	1.3	ug/L							
1,2-Dibromomethane	ND	2.0	0.3	ug/L							
Dibromomethane	ND	10	0.5	ug/L							
1,2-Dichlorobenzene	ND	10	0.6	ug/L							
1,3-Dichlorobenzene	ND	10	0.6	ug/L							
1,4-Dichlorobenzene	ND	10	0.6	ug/L							
trans-1,4-Dichloro-2-butene	ND	5.0	1.2	ug/L							
Dichlorodifluoromethane	ND	10	0.5	ug/L							
1,1-Dichloroethane	ND	2.0	0.3	ug/L							
1,2-Dichloroethane	ND	2.0	0.4	ug/L							
1,1-Dichloroethane	ND	2.0	0.4	ug/L							
cis-1,2-Dichloroethane	ND	2.0	0.4	ug/L							
trans-1,2-Dichloroethane	ND	2.0	0.3	ug/L							
1,2-Dichloropropane	ND	2.0	0.3	ug/L							
1,3-Dichloropropane	ND	2.0	0.3	ug/L							



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Elgin IL, 60120

Attention: Mr. Bob Schoske

December 05, 2011

Report No.: AUK0547

Volatile Organic Compounds by EPA 8260 - Quality Control

Analyte	Result	RL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1110587 - EPA 8030B											
Blank (1110587-BLJ3)						Prepared & Analyzed: 11/23/11					
2,2-Dichloropropane	ND	10	0.2	ug/L							
1,1-Dichloropropane	4.4	10	0.4	ug/L							J
cis-1,3-Dichloropropane	ND	1.0	0.2	ug/L							
trans-1,3-Dichloropropane	ND	2.0	0.2	ug/L							
Ethylbenzene	ND	2.0	0.3	ug/L							
Ethyl Methacrylate	ND	10	0.6	ug/L							
Hexachlorobutadiene	ND	1.0	1.0	ug/L							
p-Isopropyltoluene	ND	10	0.4	ug/L							
Hexachloroethane	ND	4.0	1.2	ug/L							
Iodomethane	3.8	10	0.5	ug/L							J
Isopropylbenzene	3.8	10	0.4	ug/L							J
Methacrylonitrile	ND	5.0	1.4	ug/L							
Methyl Acrylate	ND	10	0.6	ug/L							
Methyl Butyl Ketone (2-Hexanone)	ND	10	1.1	ug/L							
Methylene Chloride	ND	5.0	0.6	ug/L							
Methyl Ethyl Ketone (2-Butanone)	ND	20	1.8	ug/L							
Methyl Methacrylate	ND	10	0.6	ug/L							
4-Methyl-2-pentanone (MIBK)	ND	10	1.1	ug/L							
Methyl-tert-Butyl Ether	ND	10	0.4	ug/L							
Naphthalene	4.5	10	0.4	ug/L							J
2-Nitropropane	ND	10	1.2	ug/L							
Propionitrile (Ethyl Cyanide)	ND	20	1.8	ug/L							
n-Propylbenzene	ND	10	0.4	ug/L							
Styrene	ND	5.0	0.3	ug/L							
1,1,1,2-Tetrachloroethane	ND	1.3	0.3	ug/L							
1,1,2,2-Tetrachloroethane	ND	1.0	0.4	ug/L							
Tetrachloroethane	ND	2.0	0.4	ug/L							
Toluene	ND	2.0	0.4	ug/L							
1,2,3-Trichlorobenzene	ND	10	0.7	ug/L							
1,2,4-Trichlorobenzene	3.8	10	0.5	ug/L							J
1,1,1-Trichloroethane	ND	2.0	0.3	ug/L							
1,1,2-Trichloroethane	ND	2.0	0.7	ug/L							
Trichloroethane	ND	2.0	0.3	ug/L							
Trichlorofluoromethane	ND	10	0.3	ug/L							
1,2,3-Trichloropropane	ND	10	0.7	ug/L							
1,2,4-Trimethylbenzene	ND	10	0.4	ug/L							
1,3,5-Trimethylbenzene	ND	10	0.3	ug/L							
Vinyl Acetate	5.0	10	0.2	ug/L							J
Vinyl Chloride	ND	1.0	0.2	ug/L							



ANALYTICAL SERVICES, INC.

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110 Technology Parkway, Norcross, GA 30092
(770) 734-4200 FAX (770) 734-4201

Safety-Kleen Corporation - Elgin
1802 E. Villa Street
Elgin IL, 60120

Attention: Mr. Bob Schospha

December 08, 2011

Report No.: AUK0847

Volatile Organic Compounds by EPA 8260 - Quality Control

Analyte	Result	RL	MDL	Units	Spike Level	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
Batch 1110887 - EPA 8030B											
Blank (1110887-BLK3)						Prepared & Analyzed: 11/23/11					
m+p-Xylene	ND	5.0	0.6	ug/L							
o-Xylene	2.0	5.0	0.3	ug/L							J
Xylenes, total	ND	5.0	0.6	ug/L							
Surrogate: Dibromofluoromethane	40			ug/L	50.000		80	75-123			
Surrogate: 1,2-Dichloroethane-d4	47			ug/L	50.000		95	72-118			
Surrogate: Toluene-d8	49			ug/L	50.000		98	75-112			
Surrogate: 4-Bromofluorobenzene	46			ug/L	50.000		93	80-120			
LCS (1110887-BB1)						Prepared & Analyzed: 11/21/11					
Benzene	48			ug/L	50.000		97	80-120			
Chlorobenzene	50			ug/L	50.000		101	80-120			
1,1-Dichloroethane	52			ug/L	50.000		103	77-121			
Toluene	55			ug/L	50.000		111	78-120			
Trichloroethane	58			ug/L	50.000		115	80-122			
Surrogate: Dibromofluoromethane	50			ug/L	50.000		100	75-123			
Surrogate: 1,2-Dichloroethane-d4	49			ug/L	50.000		97	72-118			
Surrogate: Toluene-d8	50			ug/L	50.000		101	75-112			
Surrogate: 4-Bromofluorobenzene	53			ug/L	50.000		106	80-120			
Matrix Spike (1110887-MS1)				Source: AUK0817-01			Prepared & Analyzed: 11/21/11				
Benzene	45			ug/L	50.000	ND	90	80-123			
Chlorobenzene	47			ug/L	50.000	ND	93	75-120			
1,1-Dichloroethane	46			ug/L	50.000	ND	96	80-120			
Toluene	52			ug/L	50.000	ND	103	80-120			
Trichloroethane	53			ug/L	50.000	ND	106	80-125			
Surrogate: Dibromofluoromethane	49			ug/L	50.000		99	75-123			
Surrogate: 1,2-Dichloroethane-d4	49			ug/L	50.000		97	72-118			
Surrogate: Toluene-d8	51			ug/L	50.000		101	75-112			
Surrogate: 4-Bromofluorobenzene	54			ug/L	50.000		108	80-120			



ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30082
(770) 734-4200 FAX (770) 734-4201

Safety-Kleen Corporation - Elgin
1802 E. Villa Street
Elgin IL, 60120

Attention: Mr. Bob Schoepke

December 06, 2011

Report No.: AUK0547

Volatile Organic Compounds by EPA 8260 - Quality Control

Analyte	Result	RL	MDL	Units	Spike Level	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
Batch 1110587 - EPA 8030B											
Matrix Spike Dup (1110587-MSD1)				Source: AUK0517-01			Prepared & Analyzed: 11/21/11				
Benzene	44			ug/L	50.000	ND	87	80-123	3	9	
Chlorobenzene	49			ug/L	50.000	ND	89	75-120	6	13	
1,1-Dichloroethane	48			ug/L	50.000	ND	91	80-120	5	9	
Toluene	49			ug/L	50.000	ND	99	80-120	5	9	
Trichloroethane	51			ug/L	50.000	ND	102	80-125	4	11	
Surrogate: Dibromofluoromethane	44			ug/L	50.000		88	75-123			
Surrogate: 1,2-Dichloroethane-d4	44			ug/L	50.000		87	72-118			
Surrogate: Toluene-d8	50			ug/L	50.000		101	75-112			
Surrogate: 4-Bromofluorobenzene	53			ug/L	50.000		107	80-120			



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

Attention: Mr. Bob Schoepke

December 05, 2011

Report No.: AUK0347

Semivolatile Organic Compounds by EPA 8270 - Quality Control

Analyte	Result	RL	MDL	Units	Spike Level	Source Result	%REC	%REC Units	RPD	RPD Limit	Notes
Batch 1110388 - EPA 3510C											
Blank (1110388-BLK1)						Prepared & Analyzed: 11/21/11					
Acenaphthene	ND	10	4.7	ug/L							
Acenaphthylene	ND	10	4.8	ug/L							
Anthracene	ND	10	4.3	ug/L							
Benzo(a)anthracene	ND	10	4.1	ug/L							
Benzo(a)pyrene	ND	10	4.8	ug/L							
Benzo(b)fluoranthene	ND	10	4.4	ug/L							
Benzo(ghi)perylene	ND	10	5.5	ug/L							
Benzo(k)fluoranthene	ND	10	5.0	ug/L							
Benzoic acid	ND	50	3.1	ug/L							
Benzyl alcohol	ND	20	5.1	ug/L							
Benzyl butyl phthalate	ND	10	6.3	ug/L							
4-Bromophenyl phenyl ether	ND	10	5.0	ug/L							
Di-n-butyl phthalate	ND	10	4.8	ug/L							
4-Chloroaniline	ND	20	4.1	ug/L							
Bis(2-chloroethoxy)methane	ND	10	4.4	ug/L							
Bis(2-chloroethyl)ether	ND	10	3.3	ug/L							
Bis(2-chloroisopropyl)ether	ND	10	3.7	ug/L							
4-Chloro-3-methylphenol	ND	10	5.7	ug/L							
2-Chloronaphthalene	ND	10	4.2	ug/L							
2-Chlorophenol	ND	10	4.1	ug/L							
4-Chlorophenyl phenyl ether	ND	10	4.2	ug/L							
Chrysene	ND	10	4.0	ug/L							
Dibenzo(a,h)anthracene	ND	10	4.5	ug/L							
Dibenzofuran	ND	10	4.5	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	2.8	ug/L							
3,3'-Dichlorobenzidine	ND	20	5.0	ug/L							
2,4-Dichlorophenol	ND	10	5.3	ug/L							
Diethyl phthalate	ND	10	3.9	ug/L							
2,4-Dimethylphenol	ND	10	4.4	ug/L							
Dimethyl phthalate	ND	10	4.0	ug/L							
4,6-Dinitro-2-methylphenol	ND	50	5.8	ug/L							
2,4-Dinitrophenol	ND	50	7.2	ug/L							
2,4-Dinitrotoluene	ND	20	4.7	ug/L							
2,6-Dinitrotoluene	ND	20	4.6	ug/L							
Bis(2-ethylhexyl)phthalate	ND	10	5.9	ug/L							
Fluoranthene	ND	10	4.5	ug/L							
Fluorene	ND	10	4.4	ug/L							



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Safety-Kleen Corporation - Elgin
1802 E. Villa Street
Elgin IL, 60120

Attention: Mr. Bob Schoske

December 05, 2011

Report No.: AUK0547

Semivolatile Organic Compounds by EPA 8270 - Quality Control

Analyte	Result	RL	MDL	Units	Spike Level	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
Batch 1110988 - EPA 3510C											
Blank (1110988-BLK1)						Prepared & Analyzed: 11/21/11					
Hexachlorobenzene	ND	10	3.8	ug/L							
Hexachlorobutadiene	ND	10	4.2	ug/L							
Hexachlorocyclopentadiene	ND	10	5.8	ug/L							
Hexachloroethane	ND	10	3.4	ug/L							
Indeno(1,2,3-cd)pyrene	ND	10	6.0	ug/L							
Isophorene	ND	10	4.4	ug/L							
2-Methylnaphthalene	ND	10	5.1	ug/L							
2-Methylphenol (o-cresol)	ND	10	5.0	ug/L							
3+4-Methylphenol (m+p-cresol)	ND	10	5.4	ug/L							
Naphthalene	ND	10	3.7	ug/L							
2-Nitroaniline	ND	50	6.3	ug/L							
3-Nitroaniline	ND	50	5.5	ug/L							
4-Nitroaniline	ND	50	5.9	ug/L							
Nitrobenzene	ND	10	4.1	ug/L							
2-Nitrophenol	ND	50	4.9	ug/L							
4-Nitrophenol	ND	50	4.2	ug/L							
N-Nitrosodimethylaniline	ND	10	2.5	ug/L							
N-Nitrosodiphenylamine/Diphenylamine	ND	10	3.8	ug/L							
N-Nitrosodi-n-propylaniline	ND	10	6.1	ug/L							
Di-n-octyl phthalate	ND	10	6.3	ug/L							
Pentachlorophenol	ND	20	6.0	ug/L							
Phenanthrene	ND	10	4.0	ug/L							
Phenol	ND	10	2.9	ug/L							
Pyrene	ND	10	4.5	ug/L							
1,2,4-Trichlorobenzene	ND	10	3.3	ug/L							
2,4,6-Trichlorophenol	ND	10	5.9	ug/L							
2,4,6-Trichlorophenol	ND	10	5.5	ug/L							
Surrogate: 2-Fluorophenol	43.07			ug/L	100.00		43	10-88			
Surrogate: Phenol-d8	28.68			ug/L	100.00		30	10-61			
Surrogate: Nitrobenzene-d5	38.04			ug/L	50.000		72	28-109			
Surrogate: 2-Fluorobiphenyl	38.29			ug/L	50.000		77	38-112			
Surrogate: 2,4,6-Tribromophenol	78.53			ug/L	100.00		80	10-165			
Surrogate: p-Terphenyl-d14	39.12			ug/L	50.000		78	10-142			



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

Attention: Mr. Bob Schoske

December 08, 2011

Report No.: AUK0547

Semivolatile Organic Compounds by EPA 8270 - Quality Control

Analyte	Result	RL	MDL	Units	Spike Level	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
Batch 1110586 - EPA 3510C											
LCS (1110586-BB1)						Prepared & Analyzed: 11/21/11					
Acephenanthrene	39	10	4.7	ug/L	50.000		77	44-115			
4-Chloro-3-methylphenol	88	10	5.7	ug/L	100.00		88	38-123			
2-Chlorophenol	73	10	4.1	ug/L	100.00		73	38-111			
1,4-Dichlorobenzene	31	10	2.8	ug/L	50.000		63	37-84			
2,4-Dinitrotoluene	40	20	4.7	ug/L	50.000		81	28-118			
4-Nitrophenol	31	50	4.2	ug/L	100.00		31	10-82			J
N-Nitrosodi-n-propylamine	38	10	6.1	ug/L	50.000		79	40-110			
Pentachlorophenol	95	20	6.0	ug/L	100.00		95	31-134			
Phenol	29	10	2.9	ug/L	100.00		29	13-47			
Pyrene	38	10	4.5	ug/L	50.000		78	48-136			
1,2,4-Trichlorobenzene	30	10	3.3	ug/L	50.000		60	37-103			
Surrogate: 2-Fluorophenol	39.88			ug/L	100.00		40	10-88			
Surrogate: Phenol-d8	28.07			ug/L	100.00		28	10-61			
Surrogate: Nitrobenzene-d5	32.40			ug/L	50.000		63	28-109			
Surrogate: 2-Fluorobiphenyl	35.68			ug/L	50.000		71	38-112			
Surrogate: 2,4,6-Tribromophenol	81.10			ug/L	100.00		81	10-165			
Surrogate: p-Terphenyl-d14	38.85			ug/L	50.000		74	10-142			
Matrix Spike (1110586-MS1)						Source: AUK0547-01	Prepared & Analyzed: 11/21/11				
Acephenanthrene	41	10	4.7	ug/L	50.000	ND	82	48-108			
4-Chloro-3-methylphenol	88	10	5.7	ug/L	100.00	ND	88	38-124			
2-Chlorophenol	78	10	4.1	ug/L	100.00	ND	78	42-105			
1,4-Dichlorobenzene	30	10	2.8	ug/L	50.000	ND	61	38-80			
2,4-Dinitrotoluene	38	20	4.7	ug/L	50.000	ND	78	28-119			
4-Nitrophenol	8.3	50	4.2	ug/L	100.00	ND	8	10-63			QM-05, J
N-Nitrosodi-n-propylamine	45	10	6.1	ug/L	50.000	ND	90	41-108			
Pentachlorophenol	92	20	6.0	ug/L	100.00	ND	92	42-137			
Phenol	60	10	2.9	ug/L	100.00	23	37	14-43			
Pyrene	38	10	4.5	ug/L	50.000	ND	73	51-131			
1,2,4-Trichlorobenzene	29	10	3.3	ug/L	50.000	ND	58	40-89			
Surrogate: 2-Fluorophenol	43.44			ug/L	100.00		43	10-88			
Surrogate: Phenol-d8	11.31			ug/L	100.00		11	10-61			
Surrogate: Nitrobenzene-d5	32.41			ug/L	50.000		65	28-109			
Surrogate: 2-Fluorobiphenyl	37.93			ug/L	50.000		78	38-112			
Surrogate: 2,4,6-Tribromophenol	100.7			ug/L	100.00		101	10-165			
Surrogate: p-Terphenyl-d14	31.39			ug/L	50.000		63	10-142			



ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30082
(770) 734-4200 FAX (770) 734-4201

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

Attention: Mr. Bob Schaefer

December 05, 2011

Report No.: AUK0547

Semivolatile Organic Compounds by EPA 8270 - Quality Control

Analyte	Result	RL	MDL	Units	Spike Level	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
Batch 1110556 - EPA 3310C											
Matrix Spike Dup (1110556-MSD1)				Source: AUK0547-01			Prepared & Analyzed: 11/21/11				
Acephenanthrene	42	10	4.7	ug/L	50.000	ND	84	48-108	3	35	
4-Chloro-3-methylphenol	94	10	5.7	ug/L	100.00	ND	94	38-124	7	31	
2-Chlorophenol	79	10	4.1	ug/L	100.00	ND	79	42-108	1	36	
1,4-Dichlorobenzene	30	10	2.8	ug/L	50.000	ND	60	38-80	0.07	35	
2,4-Dinitrotoluene	42	20	4.7	ug/L	50.000	ND	83	28-119	9	39	
4-Nitrophenol	ND	50	4.2	ug/L	100.00	ND		10-63		34	QM-05
N-Nitrosodi-n-propylamine	46	10	6.1	ug/L	50.000	ND	92	41-108	3	36	
Pentachlorophenol	94	20	6.0	ug/L	100.00	ND	94	42-137	2	38	
Phenol	61	10	2.9	ug/L	100.00	23	38	14-43	1	38	
Pyrene	40	10	4.5	ug/L	50.000	ND	80	61-131	10	27	
1,2,4-Trichlorobenzene	28	10	3.3	ug/L	50.000	ND	58	40-89	0.4	35	
Surrogate: 2-Fluorophenol	45.87			ug/L	100.00		48	10-88			
Surrogate: Phenol-d8	11.91			ug/L	100.00		12	10-61			
Surrogate: Nitrobenzene-d5	35.63			ug/L	50.000		72	28-109			
Surrogate: 2-Fluorobiphenyl	40.14			ug/L	50.000		80	38-112			
Surrogate: 2,4,6-Tribromophenol	106.9			ug/L	100.00		107	10-185			
Surrogate: p-Terphenyl-d14	38.45			ug/L	50.000		73	10-142			



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Elgin IL, 60120

Attention: Mr. Bob Schoepke

December 05, 2011

Laboratory Certifications

Code	Description	Number	Expires
LA	Louisiana	02089	08/30/2012
NC	North Carolina	381	12/31/2011
NELAC	NELAC (Non-Potable Water, Solids)	E87315	08/30/2012
SC	South Carolina	98011001	08/30/2012
TX	Texas	T104704397-08-TX	03/31/2012



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Attention: Mr. Bob Schoepke

December 06, 2011

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

- S-07** Surrogate recovery outside control limits.
- S-04** The surrogate recovery for this sample is outside of established control limits due to a suspected sample matrix effect.
- 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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Safety-Kleen Corporation - Elgin
1502 E. Villa Street
Elgin IL, 60120

Attention: Mr. Bob Schoepke

December 05, 2011

198536

CHAIN OF CUSTODY RECORD

ASI

ANALYTICAL SERVICES, INC.

ENVIRONMENTAL MONITORING & ANALYTICAL SERVICES
 10000 W. 10th Avenue, Suite 100, Denver, CO 80202
 (303) 750-0000 FAX (303) 750-0001

CLIENT: FLY

1408 N. WATKINS AVE., DENVER, CO

10/10/1985 (M)

CICL Schmidt

Denver State

10/10/1985

Safety Klean, Tampa

10/10/1985-0100

DATE	TIME	NAME	COMP.	INITIALS	REMARKS
10/10/1985	9:30	WJ			Septic Tank
10/10/1985	11:30	WJ			Tail
-	-	WJ			Trip Blank

ANALYST: WJ

DATE: 10/10/1985

TIME: 10:00

INITIALS: WJ

REMARKS: WJ

SIGNATURE: WJ

DATE: 10/10/1985

TIME: 10:00

INITIALS: WJ

REMARKS: WJ

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SIGNATURE: WJ

DATE: 10/10/1985

TIME: 10:00

INITIALS: WJ

REMARKS: WJ

SIGNATURE: WJ



ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30082
(770) 734-4200 FAX (770) 734-4201

LOG-IN CHECKLIST

Printed: 12/5/2011 4:04:16PM

Attn: Mr. Bob Schoepke

Client: Safety-Kleen Corporation - Elgin
Project: Tampa, FL
Date Received: 11/17/11 09:45

Work Order: AUK0547
Logged In By: Charles Hawks

OBSERVATIONS

#Samples: 3 **#Containers: 15**
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:

APPENDIX C

Site Photographs



Photograph No. 1. View to the north of the septic tank system from the drain field.



Photograph No. 2. View to the west of the opened septic tank (first tank).



Photograph No. 3. View to the west of the cleanout and septic tank (under repair).



Photograph No. 4. View to the south of the drain field and temporary monitoring well.



Photograph No. 5.

View of the piping in the first septic tank.



Photograph No. 6.

View of the piping in the second septic tank.



Photograph No. 7. View to the northwest of the temporary monitoring well being sampled.



Photograph No. 8. View to the west-southwest of the septic tank system after repair.


APPENDIX 5A

SOIL BORING LOGS, WELL CONSTRUCTION SUMMARY REPORTS, AND OVA SCREENING RESULTS

BORING LOG

Page 1 of 1

Boring/Well Number: MW-1		Operating Permit Number: 34744-HO-007		FDEP Facility Identification Number: EPA ID # FLD 980 847 271	
Site Name: Safety-Kleen Systems, Inc. 5309 24th Avenue South, Tampa, FL		Borehole Start Date: 02/01/12 End Date: 02/01/12	Borehole Start Time: 11:20 <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM End Time: 11:45 <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM		
Environmental Contractor: Environmental Consulting & Technology, Inc.		Geologist's Name: Keith Morrison		Environmental Technician's Name: Ron Noark	
Drilling Company: Preferred Drilling Solutions, Inc.		Pavement Thickness (inches): Grass	Borehole Diameter (inches): 2	Borehole Depth (feet): 12	
Drilling Method(s): DP	Apparent Borehole DTW (in feet from soil moisture content): 4	Measured Well DTW (in feet after water recharges in well): 3.8	OVA (list model and check type): MicroFID <input checked="" type="checkbox"/> FID <input type="checkbox"/> PID		
Disposition of Drill Cuttings [check method(s)]: <input checked="" type="checkbox"/> Drum <input type="checkbox"/> Spread <input type="checkbox"/> Backfill <input type="checkbox"/> Stockpile <input type="checkbox"/> Other (describe if other or multiple items are checked):					
Borehole Completion (check one): <input checked="" type="checkbox"/> Well <input type="checkbox"/> Grout <input type="checkbox"/> Bentonite <input type="checkbox"/> Backfill <input type="checkbox"/> Other (describe)					

Sample Type	Sample Depth Interval (feet)	Sample Recovery (percent)	SPT Blows (per six inches)	Unfiltered OVA	Filtered OVA	Net OVA	Depth (feet)	Sample Description (include grain size based on USCS, odors, staining, and other remarks)	USCS Symbol	Moisture Content	Lab Soil and Groundwater Samples (list sample number and depth or temporary screen interval)
PH	0-5	100%	N/A	0	-	0	1	GRASS	SW	D	No Odor or Staining
				486	329	157	2				
				610	404	206	3				
				>5,743	>5,743	0	4	SILTY FINE SAND: 20% silt, well graded with 15% rock pieces, contains wood debris, dark gray, moist to wet at 4 ft bls.	SM	M	
							5				
DP	5-10	35%		>5,743	2,186	>3,557	6	SILTY FINE SAND: 15% silt, fairly well graded with 15% rock pieces, also some 20/30 filter pack likely from temporary well TMW-1, only 35% recovery, loose soils, gray, wet.	SM	W	
							7				
				5,040	4,681	359	8				
							9				
DP	10-12	100%		2,768	1,669	1,099	10	SILTY FINE SAND: Well graded with 10% shell bits, loose, light gray, wet	SM	W	
							11	VERY SILTY-CLAYEY SAND: 35% silty, 15% clayey, soft, greenish-light gray, wet.	SM SC	W	
				985	581	404	12	SILTY FINE SAND: With 30-40% shell bits, well graded, loose, saturated, light gray.	SM	S	
								END OF BORING AT 12 FT BLS			

Sample Type Codes: PH = Post Hole; HA = Hand Auger; SS = Split Spoon; ST = Shelby Tube; DP = Direct Push; SC = Sonic Core; DC = Drill Cuttings
 Moisture Content Codes: D = Dry; M = Moist; W = Wet; S = Saturated

BORING LOG

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Boring/Well Number: MW-2		Operating Permit Number: 34744-HO-007		FDEP Facility Identification Number: EPA ID # FLD 980 847 271	
Site Name: Safety-Kleen Systems, Inc. 5309 24th Avenue South, Tampa, FL		Borehole Start Date: 02/01/12 End Date: 02/01/12	Borehole Start Time: 12:15 <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM End Time: 12:40 <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM		
Environmental Contractor: Environmental Consulting & Technology, Inc.		Geologist's Name: Keith F. Morrison		Environmental Technician's Name: Ron Noark	
Drilling Company: Preferred Drilling Solutions, Inc.		Pavement Thickness (inches): Grass	Borehole Diameter (inches): 2	Borehole Depth (feet): 12	
Drilling Method(s): DP	Apparent Borehole DTW (in feet from soil moisture content): 4	Measured Well DTW (in feet after water recharges in well): 4	OVA (list model and check type): MicroFID <input checked="" type="checkbox"/> FID <input type="checkbox"/> PID		
Disposition of Drill Cuttings [check method(s)]: <input checked="" type="checkbox"/> Drum <input type="checkbox"/> Spread <input type="checkbox"/> Backfill <input type="checkbox"/> Stockpile <input type="checkbox"/> Other (describe if other or multiple items are checked):					
Borehole Completion (check one): <input checked="" type="checkbox"/> Well <input type="checkbox"/> Grout <input type="checkbox"/> Bentonite <input type="checkbox"/> Backfill <input type="checkbox"/> Other (describe)					

Sample Type	Sample Depth Interval (feet)	Sample Recovery (percent)	SPT Blows (per six inches)	Unfiltered OVA	Filtered OVA	Net OVA	Depth (feet)	Sample Description (include grain size based on USCS, odors, staining, and other remarks)	USCS Symbol	Moisture Content	Lab Soil and Groundwater Samples (list sample number and depth or temporary screen interval)
PH	0-5	100%	N/A	0	-	0	1	FINE SAND: Fairly well graded with 5-10% rock pieces, a few asphalt pieces, medium dense, brown, dry to moist at 2 ft bls.	SW	D	No Odor or Staining
				0	-	0	2			M	
				0	-	0	3				
				1,483	151	1,332	4	SILTY FINE SAND: Well graded, 15% silt, contains 15% rock pieces, some shell pieces, contains plastic bags, pieces of wood, metal wire debris, olive-gray, moist to wet at 4 ft bls.	SM SW	M W	Apparent Water Table at 4 ft bls
DP	5-10	100%		4,988	4,899	89	5	SILTY FINE SAND: 15% silt, fairly well graded with 10-15% rock and shell bits, wet.	SM	W	Organic Odor
				2,647	2,139	508	7				
				2,313	2,240	73	9	VERY SILTY CLAYEY SAND: 35% silt, 15% clay, well graded with 15% rock and a few asphalt pieces, some shell pieces, soft, wet, contains a piece of rubber at 11 ft bls.	SM SC	W	
DP	10-12	100%		2,555	2,050	505	11	<i>A piece of rubber?</i>			
				1,546	1,047	499	12	END OF BORING AT 12 FT BLS			

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cuttings
 Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

BORING LOG

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Boring/Well Number: MW-3		Operating Permit Number: 34744-HO-007		FDEP Facility Identification Number: EPA ID # FLD 980 847 271	
Site Name: Safety-Kleen Systems, Inc. 5309 24th Avenue South, Tampa, FL		Borehole Start Date: 02/01/12 End Date: 02/01/12	Borehole Start Time: 10:00 <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM End Time: 10:20 <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM		
Environmental Contractor: Environmental Consulting & Technology, Inc.		Geologist's Name: Keith F. Morrison		Environmental Technician's Name: Ron Noark	
Drilling Company: Preferred Drilling Solutions, Inc.		Pavement Thickness (inches): Grass	Borehole Diameter (inches): 2	Borehole Depth (feet): 12	
Drilling Method(s): DP	Apparent Borehole DTW (in feet from soil moisture content): 5	Measured Well DTW (in feet after water recharges in well): 3.6	OVA (list model and check type): MicroFID <input checked="" type="checkbox"/> FID <input type="checkbox"/> PID <input type="checkbox"/>		
Disposition of Drill Cuttings [check method(s)]: <input checked="" type="checkbox"/> Drum <input type="checkbox"/> Spread <input type="checkbox"/> Backfill <input type="checkbox"/> Stockpile <input type="checkbox"/> Other (describe if other or multiple items are checked):					
Borehole Completion (check one): <input checked="" type="checkbox"/> Well <input type="checkbox"/> Grout <input type="checkbox"/> Bentonite <input type="checkbox"/> Backfill <input type="checkbox"/> Other (describe)					

Sample Type	Sample Depth Interval (feet)	Sample Recovery (percent)	SPT Blows (per six inches)	Unfiltered OVA	Filtered OVA	Net OVA	Depth (feet)	Sample Description (include grain size based on USCS, odors, staining, and other remarks)	USCS Symbol	Moisture Content	Lab Soil and Groundwater Samples (list sample number and depth or temporary screen interval)
PH	0-5	100%	N/A	0	--	0	1	FINE SAND: Well graded with 20% rock and pieces of asphalt up to 1" x 1" x 1" in size, contains some wood debris, medium dense, brown, dry to moist at 2 ft bls.	SW	D	No Odor or Staining
				0	--	0	2			M	
				2,830	1,832	998	3	SILTY FINE SAND: 15% silt, well graded with 5-10% shell bits and rock bits, contains wood debris, some asphalt pieces, hard plastic pieces, dark gray, moist to wet at 5 ft bls.	SM SW	M	Organic Odor
				>5,743	>5,743	0	4	SILTY FINE SAND: 15% silt, well graded asphalt with wood debris, 5-10% shell bits and hard plastic pieces, rock bits, dark gray, moist to wet at 5 ft bls.	SM SW		
DP	5-10	100%		>5,743	1,975	>3,768	5		SM	W	Apparent Water Table at 5 ft bls
				>5,743	3,143	>2,600	6	VERY SILTY FINE SAND: 35% silty, well graded with pieces of brick, glass, plastic bag, wood pieces, some asphalt bits, black, organic-rich, wet, black staining on gloves with asphalt-like odor.	SM		Strong Organic Odor to Chemical-Asphalt odor with black staining on gloves.
							7				
				2,300	1,588	712	8				
							9				
DP	10-12	100%		1,451	938	513	10				
							11				
				730	1,277	0	12				
								END OF BORING AT 12 FT BLS			

Sample Type Codes: PH = Post Hole; HA = Hand Auger; SS = Split Spoon; ST = Shelby Tube; DP = Direct Push; SC = Sonic Core; DC = Drill Cuttings

Moisture Content Codes: D = Dry; M = Moist; W = Wet; S = Saturated

BORING LOG

Page 1 of 1

Boring/Well Number: MW-4		Operating Permit Number: 34744-HO-007		FDEP Facility Identification Number: EPA ID # FLD 980 847 271	
Site Name: Safety-Kleen Systems, Inc. 5309 24th Avenue South, Tampa, FL		Borehole Start Date: 02/01/12 End Date: 02/01/12	Borehole Start Time: 10:35 <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM End Time: 10:55 <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM		
Environmental Contractor: Environmental Consulting & Technology, Inc.		Geologist's Name: Keith F. Morrison		Environmental Technician's Name: Ron Noark	
Drilling Company: Preferred Drilling Solutions, Inc.		Pavement Thickness (inches): Grass	Borehole Diameter (inches): 2	Borehole Depth (feet): 12	
Drilling Method(s): DP	Apparent Borehole DTW (in feet from soil moisture content): 5	Measured Well DTW (in feet after water recharges in well): 3.6	OVA (list model and check type): MicroFID <input checked="" type="checkbox"/> FID <input type="checkbox"/> PID <input type="checkbox"/>		
Disposition of Drill Cuttings [check method(s)]: <input checked="" type="checkbox"/> Drum <input type="checkbox"/> Spread <input type="checkbox"/> Backfill <input type="checkbox"/> Stockpile <input type="checkbox"/> Other (describe if other or multiple items are checked):					
Borehole Completion (check one): <input checked="" type="checkbox"/> Well <input type="checkbox"/> Grout <input type="checkbox"/> Bentonite <input type="checkbox"/> Backfill <input type="checkbox"/> Other (describe)					

Sample Type	Sample Depth Interval (feet)	Sample Recovery (percent)	SPT Blows (per six inches)	Unfiltered OVA	Filtered OVA	Net OVA	Depth (feet)	Sample Description (include grain size based on USCS, odors, staining, and other remarks)	USCS Symbol	Moisture Content	Lab Soil and Groundwater Samples (list sample number and depth or temporary screen interval)
PH	0-5	100%	N/A	0	--	0	1	GRASS FINE SAND: Well graded with 20-25% rock and shell pieces, some asphalt pieces, light brown, dry.	SW	D	No Odor or Staining
				0	--	0	2				
				244	237	7	3	SILTY CLAYEY SAND: 35% clay, 15% silt, tight green with black organic staining, moist.	SM SC	M	Strong Organic Odor Strong Organic Odor
				196	178	18	4	VERY SILTY SAND: 35-40% silt, well graded with debris-wood pieces, some pieces of asphalt, moist to wet at 5 ft bls, asphalt-like odor and black staining on gloves.	SM	M	
DP	5-10	100%		1,667	1,325	342	5				Apparent Water Table at 5 ft bls
				2,413	1,863	550	6	SILTY CLAYEY SAND: 15% silt, 15% clay, well graded with 15% rock and asphalt pieces, loose, black, wet.	SM SC	W	
							7				
				575	481	94	8	SILTY FINE SAND: 15% silt, poorly graded, loose, tan-gray, wet.	SM SP	W	
							9				
DP	10-12	100%		257	50	207	10	SILTY SAND: 20% silt, well graded with 30-40% shell pieces, loose, light gray, wet to saturated.		W	
							11				
				158	136	22	12			S	
END OF BORING AT 12 FT BLS											

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cuttings
 Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

BORING LOG

Page 1 of 1

Boring/Well Number: MW-5 (background)		Operating Permit Number: 34744-HO-007		FDEP Facility Identification Number: EPA ID # FLD 980 847 271	
Site Name: Safety-Kleen Systems, Inc. 5309 24th Avenue South, Tampa, FL		Borehole Start Date: 02/01/12 End Date: 02/01/12	Borehole Start Time: 8:40 <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM End Time: 9:10 <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM		
Environmental Contractor: Environmental Consulting & Technology, Inc.		Geologist's Name: Keith F. Morrison		Environmental Technician's Name: Ron Noark	
Drilling Company: Preferred Drilling Solutions, Inc.		Pavement Thickness (inches): Grass	Borehole Diameter (inches): 2	Borehole Depth (feet): 12	
Drilling Method(s): DP	Apparent Borehole DTW (in feet from soil moisture content): 6	Measured Well DTW (in feet after water recharges in well): 6.65	OVA (list model and check type): MicroFID <input checked="" type="checkbox"/> FID <input type="checkbox"/> PID		
Disposition of Drill Cuttings [check method(s)]: <input checked="" type="checkbox"/> Drum <input type="checkbox"/> Spread <input type="checkbox"/> Backfill <input type="checkbox"/> Stockpile <input type="checkbox"/> Other (describe if other or multiple items are checked):					
Borehole Completion (check one): <input checked="" type="checkbox"/> Well <input type="checkbox"/> Grout <input type="checkbox"/> Bentonite <input type="checkbox"/> Backfill <input type="checkbox"/> Other (describe)					


Sample Type	Sample Depth Interval (feet)	Sample Recovery (percent)	SPT Blows (per six inches)	Unfiltered OVA	Filtered OVA	Net OVA	Depth (feet)	Sample Description (include grain size based on USCS, odors, staining, and other remarks)	USCS Symbol	Moisture Content	Lab Soil and Groundwater Samples (list sample number and depth or temporary screen interval)
PH	0-5	100%	N/A	0	--	0	1	FINE SAND: Well graded with 15% rock bits, some shell bits, pieces of plastic, loose to medium dense, brownish-olive gray, dry.	SW	D	No Odor or Staining
				0	--	0	2				
				0	--	0	3	FINE SAND: Poorly graded but one piece of red brick, loose, light gray, dry.	SP	D	
				0	--	0	4	FINE SAND: Poorly graded, loose, brown, dry to moist at 4 ft bls.	SP	D	
				0	--	0	4			M	
				52	0	52	5	SILTY FINE SAND: 15% silt, poorly graded, loose, brown, moist to wet at 6 ft bls.	SM	M	
DP	5-10	100%		14	0	14	6			W	Apparent Water Table at 6 ft bls
							7				
				0	--	0	8	SILTY CLAYEY FINE SAND: 15% silt, 20% clayey, poorly graded, medium dense, greenish-gray, wet.	SM SC	W	
							9	SILTY SAND: With 30-40% shell bits, well graded, loose, light gray with white shells, wet to saturated.	SM SW	W S	
DP	10-12	100%		0	--	0	10				
							11				
				0	--	0	12				
								END OF BORING AT 12 FT BLS			

Sample Type Codes: PH = Post Hole; HA = Hand Auger; SS = Split Spoon; ST = Shelby Tube; DP = Direct Push; SC = Sonic Core; DC = Drill Cuttings
 Moisture Content Codes: D = Dry; M = Moist; W = Wet; S = Saturated

BORING LOG

Page 1 of 3

Boring/Well Number: MW-6D		Operating Permit Number:		FDEP Facility Identification Number: EPA ID # FLD 980 847 271	
Site Name: Safety-Kleen Systems, Inc. 5309 24th Avenue South, Tampa, FL		Borehole Start Date: 07/16/12	Borehole Start Time: 8:45 <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	End Date: 07/17/12	
End Time: 9:40 <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM		Geologist's Name: Keith F. Morrison		Environmental Technician's Name:	
Environmental Contractor: Environmental Consulting & Technology, Inc.		Pavement Thickness (inches): Grass		Borehole Diameter (inches): 2	
Drilling Company: Preferred Drilling Solutions, Inc.		Borehole Depth (feet): 43-refusal/48-total depth			
Drilling Method(s): HSA/DP/MR		Apparent Borehole DTW (in feet from soil moisture content): 1.5		Measured Well DTW (in feet after water recharges in well):	
OVA (list model and check type): N/A <input type="checkbox"/> FTD <input type="checkbox"/> PTD					
Disposition of Drill Cuttings [check method(s)]: <input checked="" type="checkbox"/> Drum <input type="checkbox"/> Spread <input type="checkbox"/> Backfill <input type="checkbox"/> Stockpile <input type="checkbox"/> Other (describe if other or multiple items are checked):					
Borehole Completion (check one): <input checked="" type="checkbox"/> Well <input type="checkbox"/> Grout <input type="checkbox"/> Bentonite <input type="checkbox"/> Backfill <input type="checkbox"/> Other (describe)					

Sample Type	Sample Depth Interval (feet)	Sample Recovery (percent)	SPT Blows (per six inches)	Unfiltered OVA	Filtered OVA	Net OVA	Depth (feet)	Sample Description (include grain size based on USCS, odors, staining, and other remarks)	USCS Symbol	Moisture Content	Lab Soil and Groundwater Samples (list sample number and depth or temporary screen interval)
PH	0-5	100%	N/A	N/A	N/A	N/A	1	FINE SAND: Fairly well graded with 10% shell and rock bits, loose, light brownish gray, moist.	SW	M	 <p>Apparent Water Table at 1.5 ft bts</p> <p>Organic Odor</p> <p>Slight Organic Odor</p>
							2	SILTY FINE SAND: 15-20% silt, fairly well graded with 10-15% rock, shell bits, and pieces of asphalt, loose, olive gray, moist to wet at 1.5 ft bts.	SM SW	W	
							3	SILTY FINE SAND: 15% silt, well graded with 5-10% shell bits, some wood debris, also pieces of pants legs, olive gray/light gray/mixed, contains iron oxide staining in globules, wet.	SM	W	
							4				
							5				
DP	5-10	100%					6	SANDY VERY SILTY-CLAYEY SEDIMENT: Like dredge, clayey silt/clay, 35% silty, 35-40% clayey, mucky, well graded with 10% rock and shell pieces, soft/loose, dark gray-light black, wet.	OL SW	W	
							7				
							8				
							9				
DP	10-15	100%					10				
							11	SILTY SAND: Well graded with 25-30% shell pieces, loose, light gray, wet.	SM	W	
							12				

Sample Type Codes: PH = Post Hole; HA = Hand Auger; SS = Split Spoon; ST = Shelby Tube; DP = Direct Push; SC = Sonic Core; DC = Drill Cuttings
 Moisture Content Codes: D = Dry; M = Moist; W = Wet; S = Saturated

BORING LOG

Page 2 of 3

Boring/Well Number:		FDEP Facility Identification Number:		Site Name:		Borehole Start Date:					
MW-6D		EPA ID # FLD 980 847 271		Safety-Kleen of Tampa		End Date: 07/17/12					
Sample Type	Sample Depth Interval (feet)	Sample Recovery (percent)	SPT Blows (per six inches)	Unfiltered OVA	Filtered OVA	Net OVA	Depth (feet)	Sample Description (Include grain size based on USCS, odors, staining, and other remarks)	USCS Symbol	Moisture Content	Lab Soil and Groundwater Samples (list sample number and depth or temporary screen interval)
DP	10-15	100%	N/A	N/A	N/A	N/A	13	SILTY SAND: 15% silt, well graded with 25-30% shell pieces, loose to medium dense with depth, light gray, wet.	SW SM	W	
							14				
							15				
DP	15-20	100%					16				
							17	SILTY SAND: 15% silty, well graded with 20-25% shell bits, medium dense to dense with depth, decreasing permeability with depth, light gray/tan mixed, wet to moist with depth.	SW SM	W	
							18				
							19				
							20				
DP	20-25	100%					21	SILTY CLAYEY FINE SAND: 15% clay, 20% silt, poorly graded, medium dense, tan, moist.	SC SM	M	
							22	CLAY: <10% sand, medium stiff, high plasticity and highly cohesive, blue-green, will easily ribbon when rolled, moist, low permeability, no fizz with 10% HCl solution.	CH	M	
							23				
							24				
							25				
DP	25-30	100%					26	CLAY: <10% sand, medium stiff, high plasticity and highly cohesive, blue-green, will easily ribbon when rolled, moist, low permeability, no fizz with 10% HCl solution.	CH	M	End of Boring 7/16/12
							27				
							28	1/2-INCH CHERT LAYER: Very hard, contains conchoidal fractures.	ROCK	W	
							29	FINE SANDY CLAY: 15% sand, fine grained, 3% black phosphate flecks, trace of organics, high plasticity, will ribbon when rolled, highly cohesive, greenish-light gray, grades to greenish-light gray/beige/mottled. No fizz with 10% HCl solution.	CL	W	
							30				

Sample Type Codes: PH = Post Hole; HA = Hand Auger; SS = Split Spoon; ST = Shelby Tube; DP = Direct Push; SC = Sonic Core; DC = Drill Cuttings
 Moisture Content Codes: D = Dry; M = Moist; W = Wet; S = Saturated

BORING LOG

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Boring/Well Number: MW-6D		FDEP Facility Identification Number: EPA ID # FLD 980 847 271		Site Name: Safety-Kleen of Tampa		Borehole Start Date: 07/16/12		End Date: 07/17/12			
Sample Type	Sample Depth Interval (feet)	Sample Recovery (percent)	SPT Blows (per six inches)	Unfiltered OVA	Filtered OVA	Net OVA	Depth (feet)	Sample Description (include grain size based on USCS, odors, staining, and other remarks)	USCS Symbol	Moisture Content	Lab Soil and Groundwater Samples (list sample number and depth or temporary screen interval)
DP	30-35	0%	N/A	N/A	N/A	N/A	31	No Recovery: 30-35 ft bls, likely very loose sediment similar to 37-38.5 ft bls.			No Odor or Staining
DP	35-40	100%					32				
							33				
							34				
							35				
							36	SILTY CLAY TO CLAYEY SILT: (Non-calcareous), no fizz with 10% HCl solution, soft, wet, low permeability, low-moderate plasticity, beige-light gray, wet, little to no drilling resistance.	ML CL	W	
							37	CLAYEY SILT: 35-40% clay, soft, low plasticity, low permeability, olive gray, no fizz with 10% HCl solution, moist.	ML	M	
							38	SILTY CALCAREOUS MUD: Very loose, soupy, 5% limestone bits, 60% silty, light gray, will fizz with 10% HCl solution moderately after 3-5 seconds, saturated.	MH	S	
							39	LIMESTONE: Weathered, 15-20% sandy, 15-20% silty, well indurated pieces up to 1"x1"x1" in size, positive fizz with 10% HCl solution, beige, wet.	LMS	W	
DP	40-43		Refusal at 43 ft bls with direct push rods				40				
							41				
							42				
							43	LIMESTONE: Weathered, same as above.	LMS	W	
DC	43-48						44	LIMESTONE: Weathered, same as above.	LMS	W	
							45	LIMESTONE: Well indurated pieces, hard upon drilling, well indurated bits up to 1/8" x 1/8" x 1/8" in size, positive fizz with 10% HCl solution.			
							46				
							47				
							48				Refusal at 43 ft bls with direct push rods
								END OF BORING AT 48 FT BLS			

Sample Type Codes: PH = Post Hole; HA = Hand Auger; SS = Split Spoon; ST = Shelby Tube; DP = Direct Push; SC = Sonic Core; DC = Drill Cuttings
 Moisture Content Codes: D = Dry; M = Moist; W = Wet; S = Saturated

WELL CONSTRUCTION SUMMARY REPORT

Revision Number
Date 2/10/12
Page 1 of 5

Facility	Safety-Kleen Systems, Inc. Tampa, FL
EPA Identification Number	FLD980847271
Well Identification	MW-1
Date(s) of installation	February 1, 2012
Well driller's complete name	Jon Kriksciukas
Well driller's license number	2613

2	7	5	5	3	3	4	0	8	2	2	3	4	0	4	0
D	D	M	M	S	S	S	S	D	D	M	M	S	S	S	S

Latitude Longitude

Elevation Surface	13.14	Elevation TOC	13.00
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Surveyor's name	Keith F. Morrison	Surveyor's License #	NA
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Turbidity	1.58 NTUs	Date of Reading	0	2	0	8	1	2
			M	M	D	D	Y	Y

Static water level (msl)	8.00	Field geologist	Keith F. Morrison
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Casing:

Material	Outside Diameter	Inside Diameter	Depth	
			From (ft)	To (ft)
SCH 40 PVC	2.25-Inches	2.0-Inches	0	2

Screen:

Material	Outside Diameter	Inside Diameter	Depth		Slot Size
			From (ft)	To (ft)	
SCH 40 PVC	2.25-Inches	2.0-Inches	2	12	0.008-Inch

Annulus:

Material including additives for sealant	Size of Material	Depth		Installation Method
		From (ft)	To (ft)	
Holcim Type I,II Cement	Powdered	0.7	1	Pour
Standard Sand & Silica Co.	30/65	1	1.5	Pour
Standard Sand & Silica Co.	30/45	1.5	12	Pour

Drilling Method	Bit/auger Diameter	Depth		Drilling Fluids
		From (ft)	To (ft)	
Hollow Stem Auger	8-Inch Outer D.	0	12	None

Well Construction Diagram

Surface (msl) _____

WELL CONSTRUCTION SUMMARY REPORT

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Facility	Safety-Kleen Systems, Inc. Tampa, FL
EPA Identification Number	FLD980847271
Well Identification	MW-2
Date(s) of installation	February 1, 2012
Well driller's complete name	Jon Kriksciukas
Well driller's license number	2613

2 7 5 5 3 4	0 0	8 2 2 3 4 0	2 0
D D M M S S	S S	D D M M S S	S S
Latitude		Longitude	

Elevation Surface	12.79	Elevation TOC	12.44
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Surveyor's name	Keith F. Morrison	Surveyor's License #	NA
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Turbidity	34.6 NTUs	Date of Reading	0 2 0 8 1 2
			M M D D Y Y

Static water level (msl)	7.98	Field geologist	Keith F. Morrison
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Casing:

Material	Outside Diameter	Inside Diameter	Depth	
			From (ft)	To (ft)
SCH 40 PVC	2.25-Inches	2.0-Inches	0	2

Screen:

Material	Outside Diameter	Inside Diameter	Depth		Slot Size
			From (ft)	To (ft)	
SCH 40 PVC	2.25-Inches	2.0-Inches	2	12	0.006-Inch

Annulus:

Material including additives for sealant	Size of Material	Depth		Installation Method
		From (ft)	To (ft)	
Holcim Type I,II Cement	Powdered	0.7	1	Pour
Standard Sand & Silica Co.	30/65	1	1.5	Pour
Standard Sand & Silica Co.	30/45	1.5	12	Pour

Drilling Method	Bit/auger Diameter	Depth		Drilling Fluids
		From (ft)	To (ft)	
Hollow Stem Auger	8-Inch Outer D.	0	12	None

Well Construction Diagram

Surface (msl) _____

WELL CONSTRUCTION SUMMARY REPORT

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Facility Safety-Kleen Systems, Inc. Tampa, FL

EPA Identification Number FLD980847271

Well Identification MW-3

Date(s) of installation February 1, 2012

Well driller's complete name Jon Kriksciukas

Well driller's license number 2613

2	7	5	5	3	4	4	0	8	2	2	3	4	0	4	0
D	D	M	M	S	S	S	S	D	D	M	M	S	S	S	S

Latitude

Longitude

Elevation Surface 11.75 Elevation TOC 11.45

Surveyor's name Keith F. Morrison Surveyor's License # NA

Turbidity 5.10 NTUs Date of Reading

0	2	0	8	1	2
M	M	D	D	Y	Y

Static water level (msl) 7.77 Field geologist Keith F. Morrison

Casing:

Material	Outside Diameter	Inside Diameter	Depth	
			From (ft)	To (ft)
SCH 40 PVC	2.25-Inches	2.0-Inches	0	2

Screen:

Material	Outside Diameter	Inside Diameter	Depth		Slot Size
			From (ft)	To (ft)	
SCH 40 PVC	2.25-Inches	2.0-Inches	2	12	0.006-Inch

Annulus:

Material including additives for sealant	Size of Material	Depth		Installation Method
		From (ft)	To (ft)	
Holcim Type I,II Cement	Powdered	0.7	1	Pour
Standard Sand & Silica Co.	30/65	1	1.5	Pour
Standard Sand & Silica Co.	30/45	1.5	12	Pour

Drilling Method	Bit/auger Diameter	Depth		Drilling Fluids
		From (ft)	To (ft)	
Hollow Stem Auger	8-Inch Outer D.	0	12	None

Well Construction Diagram

Surface (msl) _____

scale: 1 unit= _____

WELL CONSTRUCTION SUMMARY REPORT

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Facility	Safety-Kleen Systems, Inc. Tampa, FL
EPA Identification Number	FLD980847271
Well Identification	MW-4
Date(s) of installation	February 1, 2012
Well driller's complete name	Jon Kriksciukas
Well driller's license number	2613

<table border="1" style="display: inline-table; text-align: center;"> <tr><td>2</td><td>7</td><td>5</td><td>5</td><td>3</td><td>3</td></tr> <tr><td>D</td><td>D</td><td>M</td><td>M</td><td>S</td><td>S</td></tr> </table>	2	7	5	5	3	3	D	D	M	M	S	S	<table border="1" style="display: inline-table; text-align: center;"> <tr><td>9</td><td>0</td></tr> <tr><td>S</td><td>S</td></tr> </table>	9	0	S	S	<table border="1" style="display: inline-table; text-align: center;"> <tr><td>8</td><td>2</td><td>2</td><td>3</td><td>4</td><td>0</td></tr> <tr><td>D</td><td>D</td><td>M</td><td>M</td><td>S</td><td>S</td></tr> </table>	8	2	2	3	4	0	D	D	M	M	S	S	<table border="1" style="display: inline-table; text-align: center;"> <tr><td>8</td><td>0</td></tr> <tr><td>S</td><td>S</td></tr> </table>	8	0	S	S
2	7	5	5	3	3																														
D	D	M	M	S	S																														
9	0																																		
S	S																																		
8	2	2	3	4	0																														
D	D	M	M	S	S																														
8	0																																		
S	S																																		
Latitude		Longitude																																	

Elevation Surface	11.67	Elevation TOC	11.56
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Surveyor's name	Keith F. Morrison	Surveyor's License #	NA
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Turbidity	3.35 NTUs	Date of Reading	<table border="1" style="display: inline-table; text-align: center;"> <tr><td>0</td><td>2</td><td>0</td><td>8</td><td>1</td><td>2</td></tr> <tr><td>M</td><td>M</td><td>D</td><td>D</td><td>Y</td><td>Y</td></tr> </table>	0	2	0	8	1	2	M	M	D	D	Y	Y
0	2	0	8	1	2										
M	M	D	D	Y	Y										

Static water level (msl)	7.83	Field geologist	Keith F. Morrison
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Casing:

Material	Outside Diameter	Inside Diameter	Depth	
			From (ft)	To (ft)
SCH 40 PVC	2.25-Inches	2.0-Inches	0	2

Screen:

Material	Outside Diameter	Inside Diameter	Depth		Slot Size
			From (ft)	To (ft)	
SCH 40 PVC	2.25-Inches	2.0-Inches	2	12	0.006-Inch

Annulus:

Material including additives for sealant	Size of Material	Depth		Installation Method
		From (ft)	To (ft)	
Holcim Type I,II Cement	Powdered	0.7	1	Pour
Standard Sand & Silica Co.	30/65	1	1.5	Pour
Standard Sand & Silica Co.	30/45	1.5	12	Pour

Drilling Method	Bit/auger Diameter	Depth		Drilling Fluids
		From (ft)	To (ft)	
Hollow Stem Auger	8-Inch Outer D.	0	12	None

Well Construction Diagram

Surface (msl) _____

WELL CONSTRUCTION SUMMARY REPORT

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Facility	Safety-Kleen Systems, Inc. Tampa, FL
EPA Identification Number	FLD980847271
Well Identification	MW-5
Date(s) of installation	February 1, 2012
Well driller's complete name	Jon Kriksclukas
Well driller's license number	2613

2 7 5 5 3 5	1 0	8 2 2 3 3 7	8 0
D D M M S S	S S	D D M M S S	S S
Latitude		Longitude	

Elevation Surface	13.97	Elevation TOC	13.55
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Surveyor's name	Keith F. Morrison	Surveyor's License #	NA
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Turbidity	1.08 NTUs	Date of Reading	0 2 0 8 1 2
			M M D D Y Y

Static water level (msl)	8.13	Field geologist	Keith F. Morrison
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Casing:

Material	Outside Diameter	Inside Diameter	Depth	
			From (ft)	To (ft)
SCH 40 PVC	2.25-Inches	2.0-Inches	0	2

Screen:

Material	Outside Diameter	Inside Diameter	Depth		Slot Size
			From (ft)	To (ft)	
SCH 40 PVC	2.25-Inches	2.0-Inches	2	12	0.006-Inch

Annulus:

Material including additives for sealant	Size of Material	Depth		Installation Method
		From (ft)	To (ft)	
Holcim Type I,II Cement	Powdered	0.7	1	Pour
Standard Sand & Silica Co.	30/65	1	1.5	Pour
Standard Sand & Silica Co	30/45	1.5	12	Pour

Drilling Method	Bit/auger Diameter	Depth		Drilling Fluids
		From (ft)	To (ft)	
Hollow Stem Auger	8-Inch Outer D.	0	12	None

Well Construction Diagram

Surface (msl) _____

WELL CONSTRUCTION SUMMARY REPORT

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Facility Safety-Kleen Systems, Inc. Tampa, FL

EPA Identification Number FLD980847271

Well Identification MW-6D

Date(s) of installation July 16 & 17, 2012

Well driller's complete name Leonel Cruz

Well driller's license number 2613

2	7	5	5	3	4	1	0	8	2	2	3	4	0	3	0
D	D	M	M	S	S	S	S	D	D	M	M	S	S	S	S

Latitude

Longitude

Elevation Surface 12.18 Elevation TOC 11.93

Surveyor's name Keith F. Morrison Surveyor's License # NA

Turbidity 2.63 NTUs Date of Reading

0	7	1	9	1	2
M	M	D	D	Y	Y

Static water level (msl) 8.25 Field geologist Keith F. Morrison

Casing:

Material	Outside Diameter	Inside Diameter	Depth	
			From (ft)	To (ft)
SCH 40 PVC	6.25-Inches	6.0-Inches	0	25
SCH 40 PVC	2.25-Inches	2.0-Inches	25	48

Screen:

Material	Outside Diameter	Inside Diameter	Depth		Slot Size
			From (ft)	To (ft)	
SCH 40 PVC	2.25-Inches	2.0-Inches	41	48	0.006-Inch

Annulus:

Material including additives for sealant	Size of Material	Depth		Installation Method
		From (ft)	To (ft)	
Holcim Type I,II Cement	Powdered	0.7	37	Tremmie
Standard Sand & Silica Co.	30/65	37	39	Tremmie
Standard Sand & Silica Co	30/45	39	48	Tremmie

Drilling Method	Bit/auger Diameter	Depth		Drilling Fluids
		From (ft)	To (ft)	
Hollow Stem Auger	12-Inch Outer <input checked="" type="checkbox"/>	0	25	None
Mud Rotary	6-Inch	25	38	Drilling Mud

Well Construction Diagram

Surface (msl) _____

WELL CONSTRUCTION AND DEVELOPMENT LOG

WELL CONSTRUCTION DATA					
Well Number: MW-1		Site Name: Safety-Kleen Systems, Inc TAMPA		Facility I.D. Number: FLD 980 947 271	
Well Location and Type (check appropriate boxes): <input checked="" type="checkbox"/> On-Site <input type="checkbox"/> Right-of-Way <input type="checkbox"/> Off-Site Private Property <input type="checkbox"/> Above Grade (AG) <input type="checkbox"/> Flush-to-Grade		Well Purpose: <input type="checkbox"/> Perched Monitoring <input checked="" type="checkbox"/> Shallow (Water-Table) Monitoring <input type="checkbox"/> Intermediate or Deep Monitoring <input type="checkbox"/> Remediation or Other (describe)		Well Install Date(s): 2-1-12 Well Install Method: HSA Surface Casing Install Method: _____	
If AG, list feet of clear above land surface: _____					
Borehole Depth (feet): 12	Well Depth (feet): 12	Borehole Diameter (inches): 8	Manhole Diameter (inches): 8	Well Pad Size: 2 feet by 2 feet	
Riser Diameter and Material: 2" SCH 40 PVC		Riser/Screen Connections: <input checked="" type="checkbox"/> Flush-Threaded <input type="checkbox"/> Other (describe)	Riser Length: 2 feet from 0 feet to 2 feet		
Screen Diameter and Material: 2" SCH 40 PVC		Screen Slot Size: 0.006 inch	Screen Length: 10 feet from 2 feet to 12 feet		
1 st Surface Casing Material: also check: <input type="checkbox"/> Permanent <input type="checkbox"/> Temporary		1 st Surface Casing I.D. (inches): 7.75	1 st Surface Casing Length: _____ feet from 0 feet to _____ feet		
2 nd Surface Casing Material: also check: <input type="checkbox"/> Permanent <input type="checkbox"/> Temporary		2 nd Surface Casing I.D. (inches): 7.75	2 nd Surface Casing Length: _____ feet from 0 feet to _____ feet		
3 rd Surface Casing Material: also check: <input type="checkbox"/> Permanent <input type="checkbox"/> Temporary		3 rd Surface Casing I.D. (inches): 7.75	3 rd Surface Casing Length: _____ feet from 0 feet to _____ feet		
Filter Pack Material and Size: 30/45 Sand		Prepacked Filter Around Screen (check one): <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Filter Pack Length: 14.5 feet from 1.5 feet to 12 feet		
Filter Pack Seal Material and Size: 30/65 Fine Sand			Filter Pack Seal Length: 0.5 feet from 1.0 feet to 1.5 feet		
Surface Seal Material: Neat Cement Grout			Surface Seal Length: 9 feet from 4 feet to 1 foot		

WELL DEVELOPMENT DATA			
Well Development Date: 2-1-12		Well Development Method (check one): <input checked="" type="checkbox"/> Surge/Pump <input type="checkbox"/> Pump <input type="checkbox"/> Compressed Air <input type="checkbox"/> Other (describe)	
Development Pump Type (check): <input type="checkbox"/> Submersible <input type="checkbox"/> Other (describe) <input checked="" type="checkbox"/> Centrifugal <input type="checkbox"/> Peristaltic		Depth to Groundwater (before developing in feet): 3.9	
Pumping Rate (gallons per minute): < 0.65	Minimum Drawdown of Groundwater During Development (feet): 9		Well Purged Dry (check one): <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Pumping Condition (check one): <input checked="" type="checkbox"/> Continuous <input type="checkbox"/> Intermittent	Total Development Water Removed (gallons): 20	Development Duration (minutes): 30	Development Water Drained (check one): <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Water Appearance (color and odor) At Start of Development: Cloudy, dark gray, organic odor		Water Appearance (color and odor) At End of Development: Clear, organic odor	

WELL CONSTRUCTION OR DEVELOPMENT REMARKS

TOC TO = 11A2 10-27-12.19

WELL CONSTRUCTION AND DEVELOPMENT LOG

WELL CONSTRUCTION DATA					
Well Number: MW-2		Site Name: Safety-Kleen Systems, Inc. Tampa		Facility I.D. Number: EL0980 847 271	
Well Location and Type (check appropriate box): <input checked="" type="checkbox"/> On-Site <input type="checkbox"/> Right-of-Way <input type="checkbox"/> Off-Site Private Property <input type="checkbox"/> Above Grade (AG) <input checked="" type="checkbox"/> Flush-to-Grade		Well Purpose: <input type="checkbox"/> Perched Monitoring <input checked="" type="checkbox"/> Shallow (Water-Table) Monitoring <input type="checkbox"/> Intermediate or Deep Monitoring <input type="checkbox"/> Remediation or Other (describe)		Well Install Date(s): 2-1-12	
If AG, list feet of riser above land surface:				Well Install Method: HSA	
Borehole Depth (feet): 12		Well Depth (feet): 12		Well Pad Size: 2 feet by 3 feet	
Borehole Diameter (inches): 8		Monitor Diameter (inches): 8			
Riser Diameter and Material: 2" SCH 40 PVC		Riser/Screen Connections: <input checked="" type="checkbox"/> Flush-Threaded <input type="checkbox"/> Other (describe)		Riser Length: 2 feet from 0 feet to 2 feet	
Screen Diameter and Material: 2" SCH 40 PVC		Screen Slot Size: 0.006 inch		Screen Length: 10 feet from 2 feet to 12 feet	
1 st Surface Casing Material: also check: <input type="checkbox"/> Permanent <input checked="" type="checkbox"/> Temporary		1 st Surface Casing I.D. (inches): 7		1 st Surface Casing Length: 0 feet from 0 feet to 0 feet	
2 nd Surface Casing Material: also check: <input type="checkbox"/> Permanent <input checked="" type="checkbox"/> Temporary		2 nd Surface Casing I.D. (inches): 7		2 nd Surface Casing Length: 0 feet from 0 feet to 0 feet	
3 rd Surface Casing Material: also check: <input type="checkbox"/> Permanent <input checked="" type="checkbox"/> Temporary		3 rd Surface Casing I.D. (inches): 7		3 rd Surface Casing Length: 0 feet from 0 feet to 0 feet	
Filter Pack Material and Size: 30/45 Sand		Prepacked Filter Around Screen (check one): <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Filter Pack Length: 10.5 feet from 1.5 feet to 12 feet	
Filter Pack Seal Material and Size: 30/65 Fine Sand				Filter Pack Seal Length: 0.5 feet from 1.0 feet to 1.5 feet	
Surface Seal Material: Neat Cement Grout				Surface Seal Length: 4 feet from 4 feet to 8 feet	

WELL DEVELOPMENT DATA			
Well Development Date: 2-1-12		Well Development Method (check one): <input checked="" type="checkbox"/> Surge Pump <input type="checkbox"/> Pump <input type="checkbox"/> Compressed Air <input type="checkbox"/> Other (describe)	
Development Pump Type (check): <input type="checkbox"/> Submersible <input type="checkbox"/> Other (describe) <input checked="" type="checkbox"/> Centrifugal <input type="checkbox"/> Peristaltic		Depth to Groundwater (before developing in feet): 4.0	
Pumping Rate (gallons per minute): MG < 0.25		Maximum Drawdown of Groundwater During Development (feet): Dry	
Pumping Condition (check one): <input type="checkbox"/> Continuous <input checked="" type="checkbox"/> Intermittent		Well Purged Dry (check one): <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Total Development Water Removed (gallons): 15		Development Duration (minutes): 60	
Development Water Drummed (check one): <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
Water Appearance (color and odor) At Start of Development: Cloudy, dark grey, organic odor		Water Appearance (color and odor) At End of Development: Clear - Yellowish	

WELL CONSTRUCTION OR DEVELOPMENT REMARKS
<p>TOC TO = 12.27</p>

WELL CONSTRUCTION AND DEVELOPMENT LOG

WELL CONSTRUCTION DATA					
Well Number: MW-3		Site Name: Safety-Kleen Systems, Inc. Tampa		Facility I.D. Number: 210980947 271	
Well Location and Type (check appropriate boxes): <input checked="" type="checkbox"/> On-Site <input type="checkbox"/> Right-of-Way <input type="checkbox"/> Off-Site Private Property <input type="checkbox"/> Above Grade (AG) <input checked="" type="checkbox"/> Flush-to-Grade		Well Purpose: <input type="checkbox"/> Perched Monitoring <input checked="" type="checkbox"/> Shallow (Water-Table) Monitoring <input type="checkbox"/> Intermediate or Deep Monitoring <input type="checkbox"/> Remediation or Other (describe)		Well Install Date(s): 2-1-12	
If AG, list feet of riser above land surface:				Well Install Method: HSA	
Borehole Depth (feet): 12	Well Depth (feet): 12	Borehole Diameter (inches): 8	Manhole Diameter (inches): 8	Well Pad Size: 2 feet by 2 feet	
Riser Diameter and Material: 2" SCH 40 PVC		Riser/Screen Connections: <input checked="" type="checkbox"/> Flush-Throated <input type="checkbox"/> Other (describe)		Riser Length: 2 feet from 0 feet to 2 feet	
Screen Diameter and Material: 2" SCH 40 PVC		Screen Slot Size: 0.006 inch		Screen Length: 10 feet from 2 feet to 12 feet	
1 st Surface Casing Material: also check: <input type="checkbox"/> Permanent <input checked="" type="checkbox"/> Temporary		1 st Surface Casing I.D. (inches): 7.75		1 st Surface Casing Length: 0 feet to 0 feet	
2 nd Surface Casing Material: also check: <input type="checkbox"/> Permanent <input checked="" type="checkbox"/> Temporary		2 nd Surface Casing I.D. (inches): 7.75		2 nd Surface Casing Length: 0 feet to 0 feet	
3 rd Surface Casing Material: also check: <input type="checkbox"/> Permanent <input checked="" type="checkbox"/> Temporary		3 rd Surface Casing I.D. (inches): 7.75		3 rd Surface Casing Length: 0 feet to 0 feet	
Filter Pack Material and Size: 30/45 Sand		Prepacked Filter Around Screen (check one): <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Filter Pack Length: 10.5 feet from 1.5 feet to 12 feet	
Filter Pack Seal Material and Size: 30/65 Fine Sand				Filter Pack Seal Length: 0.5 feet from 1.0 feet to 1.5 feet	
Surface Seal Material: Neat Cement Grout				Surface Seal Length: 4 feet from 4 feet to 8 feet	

WELL DEVELOPMENT DATA			
Well Development Date: 2-1-12		Well Development Method (check one): <input checked="" type="checkbox"/> Surge Pump <input type="checkbox"/> Pump <input type="checkbox"/> Compressed Air <input type="checkbox"/> Other (describe)	
Development Pump Type (check): <input checked="" type="checkbox"/> Centrifugal <input type="checkbox"/> Peristaltic <input type="checkbox"/> Submersible <input type="checkbox"/> Other (describe)		Depth to Groundwater (before developing in feet): 3.7	
Pumping Rate (gallons per minute): < 0.65	Minimum Drawdown of Groundwater During Development (feet): 8.0	Well Purged Dry (check one): <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Pumping Condition (check one): <input checked="" type="checkbox"/> Continuous <input type="checkbox"/> Intermittent	Total Development Water Removed (gallons): 20	Development Duration (minutes): 30	Development Water Drained (check one): <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Water Appearance (color and odor) At Start of Development: Cloudy, black, organic odor		Water Appearance (color and odor) At End of Development: Clear, organic, odor	

WELL CONSTRUCTION OR DEVELOPMENT REMARKS
<p>1243 start development</p> <p>1318 run "</p> <p>TOTPD = 11.95 + 0.29 = 12.22</p>

WELL CONSTRUCTION AND DEVELOPMENT LOG

WELL CONSTRUCTION DATA					
Well Number: MW-4	Site Name: Safety-Kleen Systems, Inc. TAMPA	Facility I.D. Number: FLD 980 847 271	Well Install Date(s): 2-1-12		
Well Location and Type (check appropriate boxes): <input checked="" type="checkbox"/> On-Site <input type="checkbox"/> Right-of-Way <input type="checkbox"/> Off-Site Private Property <input type="checkbox"/> Above Grade (AG) <input checked="" type="checkbox"/> Flush-to-Grade		Well Purpose: <input type="checkbox"/> Perched Monitoring <input checked="" type="checkbox"/> Shallow (Water-Table) Monitoring <input type="checkbox"/> Intermediate or Deep Monitoring <input type="checkbox"/> Remediation or Other (describe)		Well Install Method: HSA	
If AG, list feet of clear above land surface:				Surface Casing Install Method:	
Borehole Depth (feet): 12	Well Depth (feet): 12	Borehole Diameter (inches): 8	Minihole Diameter (inches): 8	Well Pad Size: 2 feet by 3 feet	
Riser Diameter and Material: 2" SCH 40 PVC	Riser/Screen Connection: <input checked="" type="checkbox"/> Flush-Throated <input type="checkbox"/> Other (describe)	Riser Length: 2 feet from 0 feet to 2 feet			
Screen Diameter and Material: 2" SCH 40 PVC	Screen Slot Size: 0.006 inch	Screen Length: 10 feet from 2 feet to 12 feet			
1 st Surface Casing Material: also check: <input type="checkbox"/> Permanent <input checked="" type="checkbox"/> Temporary	1 st Surface Casing I.D. (inches):	1 st Surface Casing Length: 0 feet from 0 feet to 0 feet			
2 nd Surface Casing Material: also check: <input type="checkbox"/> Permanent <input checked="" type="checkbox"/> Temporary	2 nd Surface Casing I.D. (inches):	2 nd Surface Casing Length: 0 feet from 0 feet to 0 feet			
3 rd Surface Casing Material: also check: <input type="checkbox"/> Permanent <input checked="" type="checkbox"/> Temporary	3 rd Surface Casing I.D. (inches):	3 rd Surface Casing Length: 0 feet from 0 feet to 0 feet			
Filter Pack Material and Size: 30/45 Sand	Proposed Filter Around Screen (check one): <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Filter Pack Length: 10.5 feet from 1.5 feet to 12 feet			
Filter Pack Seal Material and Size: 30/65 Fine Sand		Filter Pack Seal Length: 0.5 feet from 1.0 feet to 1.5 feet			
Surface Seal Material: Neat Cement Grout		Surface Seal Length: 4 feet from 4 feet to 8 feet			

WELL DEVELOPMENT DATA			
Well Development Date: 2-1-12	Well Development Method (check one): <input checked="" type="checkbox"/> Surge Pump <input type="checkbox"/> Pump <input type="checkbox"/> Compressed Air <input type="checkbox"/> Other (describe)		
Development Pump Type (check): <input type="checkbox"/> Submersible <input checked="" type="checkbox"/> Centrifugal <input type="checkbox"/> Peristaltic <input type="checkbox"/> Other (describe)	Depth to Groundwater (before developing in feet): 3.6		
Pumping Rate (gallons per minute): ~0.65	Maximum Drawdown of Groundwater During Development (feet): 8	Well Purged Dry (check one): <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Pumping Condition (check one): <input checked="" type="checkbox"/> Continuous <input type="checkbox"/> Intermittent	Total Development Water Removed (gallons): 20	Development Duration (minutes): 30	Development Water Drummed (check one): <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Water Appearance (color and odor) At Start of Development: cloudy, bluish-gray, organic odor		Water Appearance (color and odor) At End of Development: clear, organic odor	

WELL CONSTRUCTION OR DEVELOPMENT REMARKS

$TDC\ TD = 12.1 + 0.27 = 12.37$

WELL CONSTRUCTION AND DEVELOPMENT LOG

WELL CONSTRUCTION DATA					
Well Number: MW-5		Site Name: Safety-Kleen Systems, Inc TAMPA		Facility ID Number: EL-0980 847 271	
Well Location and Type (check appropriate boxes): <input checked="" type="checkbox"/> On-Site <input type="checkbox"/> Right-of-Way <input type="checkbox"/> Off-Site Private Property <input type="checkbox"/> Above Grade (AG) <input checked="" type="checkbox"/> Flush-to-Grade		Well Purpose: <input type="checkbox"/> Potholed Monitoring <input checked="" type="checkbox"/> Shallow (Water-Table) Monitoring <input type="checkbox"/> Intermediate or Deep Monitoring <input type="checkbox"/> Remediation or Other (describe)		Well Install Date(s): 2-1-12 Well Install Method: HSA	
If AG, list feet of riser above land surface: _____					
Borehole Depth (feet): 12	Well Depth (feet): 12	Borehole Diameter (inches): 6	Manhole Diameter (inches): 8	Well Pad Size: 2 feet by 3 feet	
Riser Diameter and Material: 2" SCH 40 PVC		Riser/Screen Connections: <input checked="" type="checkbox"/> Flush-Threaded <input type="checkbox"/> Other (describe)	Riser Length: 2 feet from 0 feet to 2 feet		
Screen Diameter and Material: 2" SCH 40 PVC		Screen Slot Size: 0.006 inch	Screen Length: 10 feet from 2 feet to 13 feet		
1 st Surface Casing Material: also check: <input type="checkbox"/> Permanent <input checked="" type="checkbox"/> Temporary		1 st Surface Casing I.D. (inches): 22	1 st Surface Casing Length: 0 feet to 0 feet		
2 nd Surface Casing Material: also check: <input type="checkbox"/> Permanent <input checked="" type="checkbox"/> Temporary		2 nd Surface Casing I.D. (inches): 22	2 nd Surface Casing Length: 0 feet to 0 feet		
3 rd Surface Casing Material: also check: <input type="checkbox"/> Permanent <input checked="" type="checkbox"/> Temporary		3 rd Surface Casing I.D. (inches): 22	3 rd Surface Casing Length: 0 feet to 0 feet		
Filter Pack Material and Size: 30/45 Sand	Proposed Filter Around Screen (check one): <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Filter Pack Length: 10.5 feet from 1.5 feet to 12 feet		
Filter Pack Seal Material and Size: 30/65 Fine Sand			Filter Pack Seal Length: 0.5 feet from 1.0 feet to 1.5 feet		
Surface Seal Material: Neat Cement Grout		Surface Seal Length: 4 feet to 1 foot			

WELL DEVELOPMENT DATA			
Well Development Date: 2-1-12		Well Development Method (check one): <input checked="" type="checkbox"/> Surge/Pump <input type="checkbox"/> Pump <input type="checkbox"/> Compressed Air <input type="checkbox"/> Other (describe)	
Development Pump Type (check): <input checked="" type="checkbox"/> Centrifugal <input type="checkbox"/> Peristaltic <input type="checkbox"/> Submersible <input type="checkbox"/> Other (describe)		Depth to Groundwater (before developing in feet): 6.65	
Pumping Rate (gallons per minute): 40.45	Maximum Drawdown of Groundwater During Development (feet): 7.5		Well Purged Dry (check one): <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Pumping Condition (check one): <input checked="" type="checkbox"/> Continuous <input type="checkbox"/> Intermittent	Total Development Water Removed (gallons): 25	Development Duration (minutes): 55	Development Water Drugged (check one): <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Water Appearance (color and odor) At Start of Development: Cloudy, Tan-brownish, slight organic odor		Water Appearance (color and odor) At End of Development: Clear; slight organic odor	

WELL CONSTRUCTION OR DEVELOPMENT REMARKS
<p style="text-align: center;">945 Sand Development 1040 EMT "</p> <p style="text-align: center;">TUC TRS 11.74.20.27 = 12.01</p>

WELL CONSTRUCTION AND DEVELOPMENT LOG

WELL CONSTRUCTION DATA					
Well Number: MW-6D		Site Name: Safety-Kleen of Tampa		FDEP Facility I.D. Number: EPA ID # FLD 980 847 271	
Well Install Date(s): 7/16/12 & 7/17/12					
Well Location and Type (check appropriate boxes): <input checked="" type="checkbox"/> On-Site <input type="checkbox"/> Right-of-Way <input type="checkbox"/> Off-Site Private Property <input type="checkbox"/> Above Grade (AG) <input checked="" type="checkbox"/> Flush-to-Grade If AG, list feet of riser above land surface:		Well Purpose: <input type="checkbox"/> Perched Monitoring <input type="checkbox"/> Shallow (Water-Table) Monitoring <input checked="" type="checkbox"/> Intermediate or Deep Monitoring <input type="checkbox"/> Remediation or Other (describe)		Well Install Method: MR	
Surface Casing Install Method: 12"-HSA					
Borehole Depth (feet): 48	Well Depth (feet): 48	Borehole Diameter (inches): 6	Manhole Diameter (inches): 8	Well Pad Size: 2 feet by 2 feet	
Riser Diameter and Material: 2" SCH 40 PVC		Riser/Screen Connections: <input checked="" type="checkbox"/> Flush-Threaded <input type="checkbox"/> Other (describe)		Riser Length: 41 feet from 0 feet to 41 feet	
Screen Diameter and Material: 2" SCH 40 PVC		Screen Slot Size: 0.006 inch		Screen Length: 5 feet from 41 feet to 46 feet	
1 st Surface Casing Material: also check: <input checked="" type="checkbox"/> Permanent <input type="checkbox"/> Temporary		1 st Surface Casing I.D. (inches): 6		1 st Surface Casing Length: 25 feet from 0 feet to 25 feet	
2 nd Surface Casing Material: also check: <input type="checkbox"/> Permanent <input type="checkbox"/> Temporary		2 nd Surface Casing I.D. (inches):		2 nd Surface Casing Length: feet from feet to feet	
3 rd Surface Casing Material: also check: <input type="checkbox"/> Permanent <input type="checkbox"/> Temporary		3 rd Surface Casing I.D. (inches):		3 rd Surface Casing Length: feet from feet to feet	
Filter Pack Material and Size: 30/45 Sand		Prepacked Filter Around Screen (check one): <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Filter Pack Length: 9 feet from 39 feet to 48 feet	
Filter Pack Seal Material and Size:		30/65 Fine Sand		Filter Pack Seal Length: 2 feet from 37 feet to 39 feet	
Surface Seal Material: Neat Cement Grout		Surface Seal Length: 36.5 feet from 0.5 feet to 37 feet			

WELL DEVELOPMENT DATA			
Well Development Date: 07/17/12		Well Development Method (check one): <input checked="" type="checkbox"/> Surge/Pump <input type="checkbox"/> Pump <input type="checkbox"/> Compressed Air <input type="checkbox"/> Other (describe)	
Development Pump Type (check): <input checked="" type="checkbox"/> Submersible <input type="checkbox"/> Centrifugal <input type="checkbox"/> Peristaltic <input type="checkbox"/> Other (describe)		Depth to Groundwater (before developing in feet): 3.0	
Pumping Rate (gallons per minute): 1.3	Maximum Drawdown of Groundwater During Development (feet): 28	Well Purged Dry (check one): <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Pumping Condition (check one): <input checked="" type="checkbox"/> Continuous <input type="checkbox"/> Intermittent	Total Development Water Removed (gallons): 40	Development Duration (minutes): 30	Development Water Drummed (check one): <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Water Appearance (color and odor) At Start of Development: Cloudy, Tan-Belge, No Odor		Water Appearance (color and odor) At End of Development: Clear, No Odor	

WELL CONSTRUCTION OR DEVELOPMENT REMARKS
16:20 - start development 16:50 - end development Well has 2-foot sump from 46 to 48 feet below land surface.

APPENDIX 5B

SOIL LABORATORY ANALYTICAL REPORT



ANALYTICAL SERVICES, INC.

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

Laboratory Report

Prepared For:

Safety-Kleen Corporation - Elgin

1502 E. Villa Street

Elgin, IL 60120

Attention: Mr. Bob Schoepke

Report Number: AVB0079

February 10, 2012

Project: Tampa, FL

Project #:120043-0100

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:

A handwritten signature in cursive script that reads "Elizabeth Bryant". The signature is written in black ink and is positioned above a horizontal line.

Project Manager

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



ANALYTICAL SERVICES, INC.

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

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

Attention: Mr. Bob Schoepke

February 10, 2012

ANALYTICAL REPORT FOR SAMPLES

<u>Sample ID</u>	<u>Laboratory ID</u>	<u>Matrix</u>	<u>Date Sampled</u>	<u>Date Received</u>
MW-6A-020112	AVB0079-01	Water	02/01/12 13:30	02/02/12 10:15
SB-1 (0.5ft bls)	AVB0079-02	Soil	02/01/12 13:45	02/02/12 10:15
SB-1 (2ft bls)	AVB0079-03	Soil	02/01/12 14:00	02/02/12 10:15
SB-2 (0.5ft bls)	AVB0079-04	Soil	02/01/12 14:15	02/02/12 10:15
SB-2 (2ft bls)	AVB0079-05	Soil	02/01/12 14:30	02/02/12 10:15
SB-3 (0.5ft bls)	AVB0079-06	Soil	02/01/12 14:45	02/02/12 10:15
SB-3 (2ft bls)	AVB0079-07	Soil	02/01/12 14:55	02/02/12 10:15
Trip Blank	AVB0079-08	Water	02/01/12 00:00	02/02/12 10:15



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

Attention: Mr. Bob Schoepke

February 10, 2012

Report No.: AVB0079

Project: Tampa, FL

Client ID: MW-6A-020112

Lab Number ID: AVB0079-01

Date/Time Sampled: 2/1/2012 1:30:00PM

Date/Time Received: 2/2/2012 10:15:00AM

Matrix: Water

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Metals, Total											
Arsenic	ND	0.0050	0.0015	mg/L	EPA 8020A		1	02/08/12 09:20	02/08/12 16:07	2020190	CSW
Barium	ND	0.0050	0.00008	mg/L	EPA 8020A		1	02/08/12 09:20	02/08/12 16:07	2020190	CSW
Cadmium	ND	0.0005	0.00007	mg/L	EPA 8020A		1	02/08/12 09:20	02/08/12 16:07	2020190	CSW
Chromium	ND	0.0050	0.0005	mg/L	EPA 8020A		1	02/08/12 09:20	02/08/12 16:07	2020190	CSW
Lead	ND	0.0010	0.0002	mg/L	EPA 8020A		1	02/08/12 09:20	02/08/12 16:07	2020190	CSW
Selenium	ND	0.0050	0.0008	mg/L	EPA 8020A		1	02/08/12 09:20	02/08/12 16:07	2020190	CSW
Silver	ND	0.0050	0.0001	mg/L	EPA 8020A		1	02/08/12 09:20	02/08/12 16:07	2020190	CSW
Mercury	ND	0.0005	0.00009	mg/L	EPA 7470A		1	02/07/12 12:20	02/07/12 16:47	2020162	CSW
Volatile Organic Compounds by EPA 8260											
Acetone	ND	100	3.8	ug/L	EPA 8260B		1	02/02/12 17:00	02/02/12 19:54	2020055	GMM
Acrolein	ND	14	2.4	ug/L	EPA 8260B		1	02/02/12 17:00	02/02/12 19:54	2020055	GMM
Acrylonitrile	ND	4.0	1.3	ug/L	EPA 8260B		1	02/02/12 17:00	02/02/12 19:54	2020055	GMM
Allyl Chloride (3-Chloropropylene)	ND	10	0.6	ug/L	EPA 8260B		1	02/02/12 17:00	02/02/12 19:54	2020055	GMM
Benzene	ND	1.0	0.3	ug/L	EPA 8260B		1	02/02/12 17:00	02/02/12 19:54	2020055	GMM
Bromobenzene	ND	10	0.4	ug/L	EPA 8260B		1	02/02/12 17:00	02/02/12 19:54	2020055	GMM
Bromochloromethane	ND	10	0.4	ug/L	EPA 8260B		1	02/02/12 17:00	02/02/12 19:54	2020055	GMM
Bromodichloromethane	ND	1.0	0.2	ug/L	EPA 8260B		1	02/02/12 17:00	02/02/12 19:54	2020055	GMM
Bromoform	ND	4.4	0.5	ug/L	EPA 8260B		1	02/02/12 17:00	02/02/12 19:54	2020055	GMM
Bromomethane	ND	9.8	1.3	ug/L	EPA 8260B		1	02/02/12 17:00	02/02/12 19:54	2020055	GMM
n-Butylbenzene	ND	10	0.2	ug/L	EPA 8260B		1	02/02/12 17:00	02/02/12 19:54	2020055	GMM
sec-Butylbenzene	ND	10	0.4	ug/L	EPA 8260B		1	02/02/12 17:00	02/02/12 19:54	2020055	GMM
tert-Butylbenzene	ND	10	0.4	ug/L	EPA 8260B		1	02/02/12 17:00	02/02/12 19:54	2020055	GMM
Carbon Disulfide	ND	10	0.4	ug/L	EPA 8260B		1	02/02/12 17:00	02/02/12 19:54	2020055	GMM
Carbon Tetrachloride	ND	2.0	0.3	ug/L	EPA 8260B		1	02/02/12 17:00	02/02/12 19:54	2020055	GMM
Chlorobenzene	ND	10	0.5	ug/L	EPA 8260B		1	02/02/12 17:00	02/02/12 19:54	2020055	GMM
1-Chlorobutane	ND	10	0.5	ug/L	EPA 8260B		1	02/02/12 17:00	02/02/12 19:54	2020055	GMM
Chloroethane	ND	5.0	0.6	ug/L	EPA 8260B		1	02/02/12 17:00	02/02/12 19:54	2020055	GMM
2-Chloroethyl Vinyl Ether	ND	10	0.6	ug/L	EPA 8260B		1	02/02/12 17:00	02/02/12 19:54	2020055	GMM
Chloroform	ND	2.0	0.6	ug/L	EPA 8260B		1	02/02/12 17:00	02/02/12 19:54	2020055	GMM
Chloromethane	ND	2.7	0.4	ug/L	EPA 8260B		1	02/02/12 17:00	02/02/12 19:54	2020055	GMM
2-Chlorotoluene	ND	10	0.4	ug/L	EPA 8260B		1	02/02/12 17:00	02/02/12 19:54	2020055	GMM



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

Attention: Mr. Bob Schoepke

February 10, 2012

Report No.: AVB0079

Project: Tampa, FL

Client ID: MW-6A-020112

Lab Number ID: AVB0079-01

Date/Time Sampled: 2/1/2012 1:30:00PM

Date/Time Received: 2/2/2012 10:15:00AM

Matrix: Water

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Volatile Organic Compounds by EPA 8260											
4-Chlorotoluene	ND	10	0.4	ug/L	EPA 8260B	1		02/02/12 17:00	02/02/12 19:54	2020055 GMM	
Dibromochloromethane	ND	1.0	0.2	ug/L	EPA 8260B	1		02/02/12 17:00	02/02/12 19:54	2020055 GMM	
1,2-Dibromo-3-chloropropane	ND	5.0	1.3	ug/L	EPA 8260B	1		02/02/12 17:00	02/02/12 19:54	2020055 GMM	
1,2-Dibromoethane	ND	2.0	0.3	ug/L	EPA 8260B	1		02/02/12 17:00	02/02/12 19:54	2020055 GMM	
Dibromomethane	ND	10	0.5	ug/L	EPA 8260B	1		02/02/12 17:00	02/02/12 19:54	2020055 GMM	
1,2-Dichlorobenzene	ND	10	0.6	ug/L	EPA 8260B	1		02/02/12 17:00	02/02/12 19:54	2020055 GMM	
1,3-Dichlorobenzene	ND	10	0.6	ug/L	EPA 8260B	1		02/02/12 17:00	02/02/12 19:54	2020055 GMM	
1,4-Dichlorobenzene	ND	10	0.6	ug/L	EPA 8260B	1		02/02/12 17:00	02/02/12 19:54	2020055 GMM	
trans-1,4-Dichloro-2-butene	ND	5.0	1.2	ug/L	EPA 8260B	1		02/02/12 17:00	02/02/12 19:54	2020055 GMM	
Dichlorodifluoromethane	ND	10	0.5	ug/L	EPA 8260B	1		02/02/12 17:00	02/02/12 19:54	2020055 GMM	
1,1-Dichloroethane	ND	2.0	0.3	ug/L	EPA 8260B	1		02/02/12 17:00	02/02/12 19:54	2020055 GMM	
1,2-Dichloroethane	ND	2.0	0.4	ug/L	EPA 8260B	1		02/02/12 17:00	02/02/12 19:54	2020055 GMM	
1,1-Dichloroethene	ND	2.0	0.4	ug/L	EPA 8260B	1		02/02/12 17:00	02/02/12 19:54	2020055 GMM	
cis-1,2-Dichloroethene	ND	2.0	0.4	ug/L	EPA 8260B	1		02/02/12 17:00	02/02/12 19:54	2020055 GMM	
trans-1,2-Dichloroethene	ND	2.0	0.3	ug/L	EPA 8260B	1		02/02/12 17:00	02/02/12 19:54	2020055 GMM	
1,2-Dichloroethene (total)	ND	2.0	0.4	ug/L	EPA 8260B	1		02/02/12 17:00	02/02/12 19:54	2020055 GMM	
1,2-Dichloropropane	ND	2.0	0.3	ug/L	EPA 8260B	1		02/02/12 17:00	02/02/12 19:54	2020055 GMM	
1,3-Dichloropropane	ND	2.0	0.3	ug/L	EPA 8260B	1		02/02/12 17:00	02/02/12 19:54	2020055 GMM	
2,2-Dichloropropane	ND	10	0.2	ug/L	EPA 8260B	1		02/02/12 17:00	02/02/12 19:54	2020055 GMM	
1,1-Dichloropropene	ND	10	0.4	ug/L	EPA 8260B	1		02/02/12 17:00	02/02/12 19:54	2020055 GMM	
cis-1,3-Dichloropropene	ND	1.0	0.2	ug/L	EPA 8260B	1		02/02/12 17:00	02/02/12 19:54	2020055 GMM	
trans-1,3-Dichloropropene	ND	2.0	0.2	ug/L	EPA 8260B	1		02/02/12 17:00	02/02/12 19:54	2020055 GMM	
Ethylbenzene	ND	2.0	0.3	ug/L	EPA 8260B	1		02/02/12 17:00	02/02/12 19:54	2020055 GMM	
Ethyl Methacrylate	ND	10	0.6	ug/L	EPA 8260B	1		02/02/12 17:00	02/02/12 19:54	2020055 GMM	
Hexachlorobutadiene	ND	2.0	1.0	ug/L	EPA 8260B	1		02/02/12 17:00	02/02/12 19:54	2020055 GMM	
p-Isopropyltoluene	ND	10	0.4	ug/L	EPA 8260B	1		02/02/12 17:00	02/02/12 19:54	2020055 GMM	
Hexachloroethane	ND	4.0	1.2	ug/L	EPA 8260B	1		02/02/12 17:00	02/02/12 19:54	2020055 GMM	
Iodomethane	ND	10	0.5	ug/L	EPA 8260B	1		02/02/12 17:00	02/02/12 19:54	2020055 GMM	
Isopropylbenzene	ND	10	0.4	ug/L	EPA 8260B	1		02/02/12 17:00	02/02/12 19:54	2020055 GMM	
Methacrylonitrile	ND	5.0	1.4	ug/L	EPA 8260B	1		02/02/12 17:00	02/02/12 19:54	2020055 GMM	
Methyl Acrylate	ND	10	0.6	ug/L	EPA 8260B	1		02/02/12 17:00	02/02/12 19:54	2020055 GMM	
Methyl Butyl Ketone (2-Hexanone)	ND	10	1.1	ug/L	EPA 8260B	1		02/02/12 17:00	02/02/12 19:54	2020055 GMM	



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Elgin IL, 60120

Attention: Mr. Bob Schoepke

February 10, 2012

Report No.: AVB0079

Project: Tampa, FL

Client ID: MW-6A-020112

Lab Number ID: AVB0079-01

Date/Time Sampled: 2/1/2012 1:30:00PM

Date/Time Received: 2/2/2012 10:15:00AM

Matrix: Water

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Volatile Organic Compounds by EPA 8260											
Methylene Chloride	ND	5.0	0.6	ug/L	EPA 8260B		1	02/02/12 17:00	02/02/12 19:54	2020055	GMM
Methyl Ethyl Ketone (2-Butanone)	ND	100	1.8	ug/L	EPA 8260B		1	02/02/12 17:00	02/02/12 19:54	2020055	GMM
Methyl Methacrylate	ND	10	0.6	ug/L	EPA 8260B		1	02/02/12 17:00	02/02/12 19:54	2020055	GMM
4-Methyl-2-pentanone (MIBK)	ND	10	1.1	ug/L	EPA 8260B		1	02/02/12 17:00	02/02/12 19:54	2020055	GMM
Methyl-tert-Butyl Ether	ND	10	0.4	ug/L	EPA 8260B		1	02/08/12 11:00	02/08/12 19:06	2020055	GMM
Naphthalene	ND	10	0.4	ug/L	EPA 8260B		1	02/02/12 17:00	02/02/12 19:54	2020055	GMM
2-Nitropropane	ND	10	1.2	ug/L	EPA 8260B		1	02/02/12 17:00	02/02/12 19:54	2020055	GMM
Propionitrile (Ethyl Cyanide)	ND	20	1.6	ug/L	EPA 8260B		1	02/02/12 17:00	02/02/12 19:54	2020055	GMM
n-Propylbenzene	ND	10	0.4	ug/L	EPA 8260B		1	02/02/12 17:00	02/02/12 19:54	2020055	GMM
Styrene	ND	5.0	0.3	ug/L	EPA 8260B		1	02/02/12 17:00	02/02/12 19:54	2020055	GMM
1,1,1,2-Tetrachloroethane	ND	1.3	0.3	ug/L	EPA 8260B		1	02/02/12 17:00	02/02/12 19:54	2020055	GMM
1,1,2,2-Tetrachloroethane	ND	1.0	0.4	ug/L	EPA 8260B		1	02/02/12 17:00	02/02/12 19:54	2020055	GMM
Tetrachloroethane	ND	2.0	0.4	ug/L	EPA 8260B		1	02/02/12 17:00	02/02/12 19:54	2020055	GMM
Toluene	ND	2.0	0.4	ug/L	EPA 8260B		1	02/02/12 17:00	02/02/12 19:54	2020055	GMM
1,2,3-Trichlorobenzene	ND	10	0.7	ug/L	EPA 8260B		1	02/02/12 17:00	02/02/12 19:54	2020055	GMM
1,2,4-Trichlorobenzene	ND	10	0.5	ug/L	EPA 8260B		1	02/02/12 17:00	02/02/12 19:54	2020055	GMM
1,1,1-Trichloroethane	ND	2.0	0.3	ug/L	EPA 8260B		1	02/02/12 17:00	02/02/12 19:54	2020055	GMM
1,1,2-Trichloroethane	ND	2.0	0.7	ug/L	EPA 8260B		1	02/02/12 17:00	02/02/12 19:54	2020055	GMM
Trichloroethene	ND	2.0	0.3	ug/L	EPA 8260B		1	02/02/12 17:00	02/02/12 19:54	2020055	GMM
Trichlorofluoromethane	ND	10	0.3	ug/L	EPA 8260B		1	02/02/12 17:00	02/02/12 19:54	2020055	GMM
1,2,3-Trichloropropane	ND	1.0	0.7	ug/L	EPA 8260B		1	02/02/12 17:00	02/02/12 19:54	2020055	GMM
1,2,4-Trimethylbenzene	ND	10	0.4	ug/L	EPA 8260B		1	02/02/12 17:00	02/02/12 19:54	2020055	GMM
1,3,5-Trimethylbenzene	ND	10	0.3	ug/L	EPA 8260B		1	02/02/12 17:00	02/02/12 19:54	2020055	GMM
Vinyl Acetate	ND	10	0.2	ug/L	EPA 8260B		1	02/02/12 17:00	02/02/12 19:54	2020055	GMM
Vinyl Chloride	ND	1.0	0.2	ug/L	EPA 8260B		1	02/02/12 17:00	02/02/12 19:54	2020055	GMM
m+p-Xylene	ND	5.0	0.6	ug/L	EPA 8260B		1	02/02/12 17:00	02/02/12 19:54	2020055	GMM
o-Xylene	ND	5.0	0.3	ug/L	EPA 8260B		1	02/02/12 17:00	02/02/12 19:54	2020055	GMM
Xylenes, total	ND	5.0	0.6	ug/L	EPA 8260B		1	02/02/12 17:00	02/02/12 19:54	2020055	GMM
Surrogate: Dibromofluoromethane	88 %	75-123			EPA 8260B			02/08/12 11:00	02/08/12 19:06	2020055	
Surrogate: Dibromofluoromethane	98 %	75-123			EPA 8260B			02/02/12 17:00	02/02/12 19:54	2020055	
Surrogate: 1,2-Dichloroethane-d4	98 %	72-120			EPA 8260B			02/02/12 17:00	02/02/12 19:54	2020055	
Surrogate: 1,2-Dichloroethane-d4	102 %	72-120			EPA 8260B			02/08/12 11:00	02/08/12 19:06	2020055	



ANALYTICAL SERVICES, INC.

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

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

Attention: Mr. Bob Schoepke

February 10, 2012

Report No.: AVB0079

Project: Tampa, FL

Client ID: MW-6A-020112

Lab Number ID: AVB0079-01

Date/Time Sampled: 2/1/2012 1:30:00PM

Date/Time Received: 2/2/2012 10:15:00AM

Matrix: Water

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Int.
Volatile Organic Compounds by EPA 8260											
Surrogate: Toluene-d8	96 %	75-120			EPA 8260B			02/02/12 17:00	02/02/12 19:54	2020055	
Surrogate: Toluene-d8	84 %	75-120			EPA 8260B			02/08/12 11:00	02/08/12 19:06	2020055	
Surrogate: 4-Bromofluorobenzene	96 %	80-120			EPA 8260B			02/02/12 17:00	02/02/12 19:54	2020055	
Surrogate: 4-Bromofluorobenzene	92 %	80-120			EPA 8260B			02/08/12 11:00	02/08/12 19:06	2020055	
Semivolatile Organic Compounds by EPA 8270											
Acenaphthene	ND	10	4.7	ug/L	EPA 8270D		1	02/03/12 08:30	02/03/12 17:38	2020099	RAC
Acenaphthylene	ND	10	4.6	ug/L	EPA 8270D		1	02/03/12 08:30	02/03/12 17:38	2020099	RAC
Anthracene	ND	10	4.3	ug/L	EPA 8270D		1	02/03/12 08:30	02/03/12 17:38	2020099	RAC
Benzo(a)anthracene	ND	10	4.1	ug/L	EPA 8270D		1	02/03/12 08:30	02/03/12 17:38	2020099	RAC
Benzo(a)pyrene	ND	10	4.8	ug/L	EPA 8270D		1	02/03/12 08:30	02/03/12 17:38	2020099	RAC
Benzo(b)fluoranthene	ND	10	4.4	ug/L	EPA 8270D		1	02/03/12 08:30	02/03/12 17:38	2020099	RAC
Benzo(ghi)perylene	ND	10	5.5	ug/L	EPA 8270D		1	02/03/12 08:30	02/03/12 17:38	2020099	RAC
Benzo(k)fluoranthene	ND	10	5.0	ug/L	EPA 8270D		1	02/03/12 08:30	02/03/12 17:38	2020099	RAC
Benzoic acid	ND	50	3.1	ug/L	EPA 8270D		1	02/03/12 08:30	02/03/12 17:38	2020099	RAC
Benzyl alcohol	ND	20	5.1	ug/L	EPA 8270D		1	02/03/12 08:30	02/03/12 17:38	2020099	RAC
Benzyl butyl phthalate	ND	10	6.3	ug/L	EPA 8270D		1	02/03/12 08:30	02/03/12 17:38	2020099	RAC
4-Bromophenyl phenyl ether	ND	10	5.0	ug/L	EPA 8270D		1	02/03/12 08:30	02/03/12 17:38	2020099	RAC
Di-n-butyl phthalate	ND	10	4.8	ug/L	EPA 8270D		1	02/03/12 08:30	02/03/12 17:38	2020099	RAC
4-Chloroaniline	ND	20	4.1	ug/L	EPA 8270D		1	02/03/12 08:30	02/03/12 17:38	2020099	RAC
Bis(2-chloroethoxy)methane	ND	10	4.4	ug/L	EPA 8270D		1	02/03/12 08:30	02/03/12 17:38	2020099	RAC
Bis(2-chloroethyl)ether	ND	10	3.3	ug/L	EPA 8270D		1	02/03/12 08:30	02/03/12 17:38	2020099	RAC
Bis(2-chloroisopropyl)ether	ND	10	3.7	ug/L	EPA 8270D		1	02/03/12 08:30	02/03/12 17:38	2020099	RAC
4-Chloro-3-methylphenol	ND	10	5.7	ug/L	EPA 8270D		1	02/03/12 08:30	02/03/12 17:38	2020099	RAC
2-Chloronaphthalene	ND	10	4.2	ug/L	EPA 8270D		1	02/03/12 08:30	02/03/12 17:38	2020099	RAC
2-Chlorophenol	ND	10	4.1	ug/L	EPA 8270D		1	02/03/12 08:30	02/03/12 17:38	2020099	RAC
4-Chlorophenyl phenyl ether	ND	10	4.2	ug/L	EPA 8270D		1	02/03/12 08:30	02/03/12 17:38	2020099	RAC
Chrysene	ND	10	4.0	ug/L	EPA 8270D		1	02/03/12 08:30	02/03/12 17:38	2020099	RAC
Dibenzo(a,h)anthracene	ND	10	4.5	ug/L	EPA 8270D		1	02/03/12 08:30	02/03/12 17:38	2020099	RAC
Dibenzofuran	ND	10	4.5	ug/L	EPA 8270D		1	02/03/12 08:30	02/03/12 17:38	2020099	RAC
1,2-Dichlorobenzene	ND	10	3.3	ug/L	EPA 8270D		1	02/03/12 08:30	02/03/12 17:38	2020099	RAC
1,3-Dichlorobenzene	ND	10	2.8	ug/L	EPA 8270D		1	02/03/12 08:30	02/03/12 17:38	2020099	RAC



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Elgin IL, 60120

Attention: Mr. Bob Schoepke

February 10, 2012

Report No.: AVB0079

Project: Tampa, FL

Client ID: MW-6A-020112

Lab Number ID: AVB0079-01

Date/Time Sampled: 2/1/2012 1:30:00PM

Date/Time Received: 2/2/2012 10:15:00AM

Matrix: Water

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Semivolatile Organic Compounds by EPA 8270											
1,4-Dichlorobenzene	ND	10	2.8	ug/L	EPA 8270D		1	02/03/12 08:30	02/03/12 17:38	2020099	RAC
3,3'-Dichlorobenzidine	ND	20	5.0	ug/L	EPA 8270D		1	02/03/12 08:30	02/03/12 17:38	2020099	RAC
2,4-Dichlorophenol	ND	10	5.3	ug/L	EPA 8270D		1	02/03/12 08:30	02/03/12 17:38	2020099	RAC
Diethyl phthalate	ND	10	3.9	ug/L	EPA 8270D		1	02/03/12 08:30	02/03/12 17:38	2020099	RAC
2,4-Dimethylphenol	ND	10	4.4	ug/L	EPA 8270D		1	02/03/12 08:30	02/03/12 17:38	2020099	RAC
Dimethyl phthalate	ND	10	4.0	ug/L	EPA 8270D		1	02/03/12 08:30	02/03/12 17:38	2020099	RAC
4,6-Dinitro-2-methylphenol	ND	50	5.8	ug/L	EPA 8270D		1	02/03/12 08:30	02/03/12 17:38	2020099	RAC
2,4-Dinitrophenol	ND	50	7.2	ug/L	EPA 8270D		1	02/03/12 08:30	02/03/12 17:38	2020099	RAC
2,4-Dinitrotoluene	ND	20	4.7	ug/L	EPA 8270D		1	02/03/12 08:30	02/03/12 17:38	2020099	RAC
2,6-Dinitrotoluene	ND	20	4.6	ug/L	EPA 8270D		1	02/03/12 08:30	02/03/12 17:38	2020099	RAC
Bis(2-ethylhexyl)phthalate	ND	10	5.9	ug/L	EPA 8270D		1	02/03/12 08:30	02/03/12 17:38	2020099	RAC
Fluoranthene	ND	10	4.5	ug/L	EPA 8270D		1	02/03/12 08:30	02/03/12 17:38	2020099	RAC
Fluorene	ND	10	4.4	ug/L	EPA 8270D		1	02/03/12 08:30	02/03/12 17:38	2020099	RAC
Hexachlorobenzene	ND	10	3.9	ug/L	EPA 8270D		1	02/03/12 08:30	02/03/12 17:38	2020099	RAC
Hexachlorobutadiene	ND	10	4.2	ug/L	EPA 8270D		1	02/03/12 08:30	02/03/12 17:38	2020099	RAC
Hexachlorocyclopentadiene	ND	10	5.8	ug/L	EPA 8270D		1	02/03/12 08:30	02/03/12 17:38	2020099	RAC
Hexachloroethane	ND	10	3.4	ug/L	EPA 8270D		1	02/03/12 08:30	02/03/12 17:38	2020099	RAC
Indeno(1,2,3-cd)pyrene	ND	10	5.0	ug/L	EPA 8270D		1	02/03/12 08:30	02/03/12 17:38	2020099	RAC
Isophorone	ND	10	4.4	ug/L	EPA 8270D		1	02/03/12 08:30	02/03/12 17:38	2020099	RAC
2-Methylnaphthalene	ND	10	5.1	ug/L	EPA 8270D		1	02/03/12 08:30	02/03/12 17:38	2020099	RAC
2-Methylphenol (o-cresol)	ND	10	5.0	ug/L	EPA 8270D		1	02/03/12 08:30	02/03/12 17:38	2020099	RAC
3+4-Methylphenol (m+p-cresol)	ND	10	5.4	ug/L	EPA 8270D		1	02/03/12 08:30	02/03/12 17:38	2020099	RAC
Naphthalene	ND	10	3.7	ug/L	EPA 8270D		1	02/03/12 08:30	02/03/12 17:38	2020099	RAC
2-Nitroaniline	ND	50	6.3	ug/L	EPA 8270D		1	02/03/12 08:30	02/03/12 17:38	2020099	RAC
3-Nitroaniline	ND	50	5.5	ug/L	EPA 8270D		1	02/03/12 08:30	02/03/12 17:38	2020099	RAC
4-Nitroaniline	ND	50	5.9	ug/L	EPA 8270D		1	02/03/12 08:30	02/03/12 17:38	2020099	RAC
Nitrobenzene	ND	10	4.1	ug/L	EPA 8270D		1	02/03/12 08:30	02/03/12 17:38	2020099	RAC
2-Nitrophenol	ND	50	4.9	ug/L	EPA 8270D		1	02/03/12 08:30	02/03/12 17:38	2020099	RAC
4-Nitrophenol	ND	50	4.2	ug/L	EPA 8270D		1	02/03/12 08:30	02/03/12 17:38	2020099	RAC
N-Nitrosodimethylamine	ND	10	2.5	ug/L	EPA 8270D		1	02/03/12 08:30	02/03/12 17:38	2020099	RAC
N-Nitrosodiphenylamine/Diphenylamine	ND	10	3.8	ug/L	EPA 8270D		1	02/03/12 08:30	02/03/12 17:38	2020099	RAC
N-Nitrosodi-n-propylamine	ND	10	6.1	ug/L	EPA 8270D		1	02/03/12 08:30	02/03/12 17:38	2020099	RAC



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

Attention: Mr. Bob Schoepke

February 10, 2012

Report No.: AVB0079

Project: Tampa, FL

Client ID: MW-6A-020112

Lab Number ID: AVB0079-01

Date/Time Sampled: 2/1/2012 1:30:00PM

Date/Time Received: 2/2/2012 10:15:00AM

Matrix: Water

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Semivolatile Organic Compounds by EPA 8270											
Di-n-octyl phthalate	ND	10	6.3	ug/L	EPA 8270D		1	02/03/12 08:30	02/03/12 17:38	2020099	RAC
Pentachlorophenol	ND	20	6.0	ug/L	EPA 8270D		1	02/03/12 08:30	02/03/12 17:38	2020099	RAC
Phenanthrene	ND	10	4.0	ug/L	EPA 8270D		1	02/03/12 08:30	02/03/12 17:38	2020099	RAC
Phenol	ND	10	2.9	ug/L	EPA 8270D		1	02/03/12 08:30	02/03/12 17:38	2020099	RAC
Pyrene	ND	10	4.5	ug/L	EPA 8270D		1	02/03/12 08:30	02/03/12 17:38	2020099	RAC
1,2,4-Trichlorobenzene	ND	10	3.3	ug/L	EPA 8270D		1	02/03/12 08:30	02/03/12 17:38	2020099	RAC
2,4,5-Trichlorophenol	ND	10	5.9	ug/L	EPA 8270D		1	02/03/12 08:30	02/03/12 17:38	2020099	RAC
2,4,6-Trichlorophenol	ND	10	5.5	ug/L	EPA 8270D		1	02/03/12 08:30	02/03/12 17:38	2020099	RAC
Surrogate: 2-Fluorophenol	53 %	10-88			EPA 8270D			02/03/12 08:30	02/03/12 17:38	2020099	
Surrogate: Phenol-d8	41 %	10-61			EPA 8270D			02/03/12 08:30	02/03/12 17:38	2020099	
Surrogate: Nitrobenzene-d5	66 %	28-109			EPA 8270D			02/03/12 08:30	02/03/12 17:38	2020099	
Surrogate: 2-Fluorobiphenyl	66 %	38-112			EPA 8270D			02/03/12 08:30	02/03/12 17:38	2020099	
Surrogate: 2,4,6-Tribromophenol	69 %	10-165			EPA 8270D			02/03/12 08:30	02/03/12 17:38	2020099	
Surrogate: p-Terphenyl-d14	78 %	10-142			EPA 8270D			02/03/12 08:30	02/03/12 17:38	2020099	



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Elgin IL, 60120

Attention: Mr. Bob Schoepke

February 10, 2012

Report No.: AVB0079

Project: Tampa, FL

Client ID: SB-1 (0.5ft bis)

Lab Number ID: AVB0079-02

Date/Time Sampled: 2/1/2012 1:45:00PM

Date/Time Received: 2/2/2012 10:15:00AM

Matrix: Soil

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
General Chemistry											
% Solids	93.6	0.04	0.04	% by Weight	SOP Moisture		1	02/02/12 14:45	02/02/12 14:45	2020027	NJS
Metals, Total											
Arsenic	ND	2.97	0.75	mg/kg dry	EPA 6010C		1	02/07/12 11:45	02/08/12 12:11	2020173	FBS
Barium	15.3	0.99	0.04	mg/kg dry	EPA 6010C		1	02/07/12 11:45	02/08/12 12:11	2020173	FBS
Cadmium	0.22	0.99	0.03	mg/kg dry	EPA 6010C	J	1	02/07/12 11:45	02/08/12 12:11	2020173	FBS
Chromium	5.62	0.99	0.34	mg/kg dry	EPA 6010C		1	02/07/12 11:45	02/08/12 12:11	2020173	FBS
Lead	2.90	2.47	0.52	mg/kg dry	EPA 6010C		1	02/07/12 11:45	02/08/12 12:11	2020173	FBS
Selenium	2.09	3.96	0.88	mg/kg dry	EPA 6010C	J	1	02/07/12 11:45	02/08/12 12:11	2020173	FBS
Silver	ND	0.99	0.11	mg/kg dry	EPA 6010C		1	02/07/12 11:45	02/08/12 12:11	2020173	FBS
Mercury	BRL	0.247	0.009	mg/kg dry	EPA 7471B		1	02/07/12 14:10	02/08/12 13:37	2020164	CSW
Volatile Organic Compounds by EPA 8260											
Acetone	ND	100	1.7	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 13:30	2020098	GCN
Acrolein	ND	51	1.3	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 13:30	2020098	GCN
Acrylonitrile	ND	51	0.4	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 13:30	2020098	GCN
Benzene	ND	5.1	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 13:30	2020098	GCN
Bromobenzene	ND	10	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 13:30	2020098	GCN
Bromochloromethane	ND	10	0.3	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 13:30	2020098	GCN
Bromodichloromethane	ND	10	0.1	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 13:30	2020098	GCN
Bromoform	ND	10	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 13:30	2020098	GCN
Bromomethane	ND	10	0.4	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 13:30	2020098	GCN
n-Butylbenzene	ND	10	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 13:30	2020098	GCN
sec-Butylbenzene	ND	10	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 13:30	2020098	GCN
tert-Butylbenzene	ND	10	0.1	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 13:30	2020098	GCN



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Attention: Mr. Bob Schoepke

February 10, 2012

Report No.: AVB0079

Project: Tampa, FL

Client ID: SB-1 (0.5ft bis)

Lab Number ID: AVB0079-02

Date/Time Sampled: 2/1/2012 1:45:00PM

Date/Time Received: 2/2/2012 10:15:00AM

Matrix: Soil

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Volatile Organic Compounds by EPA 8260											
Carbon Disulfide	ND	10	1.1	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 13:30	2020098	GCN
Carbon Tetrachloride	ND	5.1	0.1	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 13:30	2020098	GCN
Chlorobenzene	ND	10	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 13:30	2020098	GCN
Chloroethane	ND	5.1	0.7	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 13:30	2020098	GCN
2-Chloroethyl Vinyl Ether	ND	10	0.3	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 13:30	2020098	GCN
Chloroform	0.1	5.1	0.1	ug/kg dry	EPA 8260B	J	1	02/03/12 12:00	02/03/12 13:30	2020098	GCN
Chloromethane	ND	10	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 13:30	2020098	GCN
2-Chlorotoluene	ND	10	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 13:30	2020098	GCN
4-Chlorotoluene	ND	10	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 13:30	2020098	GCN
Dibromochloromethane	ND	5.1	0.3	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 13:30	2020098	GCN
1,2-Dibromo-3-chloropropane	ND	10	0.5	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 13:30	2020098	GCN
1,2-Dibromoethane	ND	10	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 13:30	2020098	GCN
Dibromomethane	ND	10	0.3	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 13:30	2020098	GCN
1,2-Dichlorobenzene	ND	10	0.3	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 13:30	2020098	GCN
1,3-Dichlorobenzene	ND	10	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 13:30	2020098	GCN
1,4-Dichlorobenzene	ND	10	0.3	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 13:30	2020098	GCN
Dichlorodifluoromethane	ND	10	0.1	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 13:30	2020098	GCN
1,1-Dichloroethane	ND	5.1	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 13:30	2020098	GCN
1,2-Dichloroethane	ND	5.1	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 13:30	2020098	GCN
1,1-Dichloroethene	ND	5.1	0.3	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 13:30	2020098	GCN
cis-1,2-Dichloroethene	ND	5.1	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 13:30	2020098	GCN
trans-1,2-Dichloroethene	ND	5.1	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 13:30	2020098	GCN
1,2-Dichloroethene (total) *	ND	5.1	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 13:30	2020098	GCN
1,2-Dichloropropane	ND	5.1	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 13:30	2020098	GCN



ANALYTICAL SERVICES, INC.

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

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

Attention: Mr. Bob Schoepke

February 10, 2012

Report No.: AVB0079

Project: Tampa, FL

Client ID: SB-1 (0.5ft bla)

Lab Number ID: AVB0079-02

Date/Time Sampled: 2/1/2012 1:45:00PM

Date/Time Received: 2/2/2012 10:15:00AM

Matrix: Soil

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Volatile Organic Compounds by EPA 8260											
1,3-Dichloropropane	ND	5.1	0.3	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 13:30	2020098 GCN	
2,2-Dichloropropane	ND	10	0.3	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 13:30	2020098 GCN	
1,1-Dichloropropane	ND	10	0.1	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 13:30	2020098 GCN	
cis-1,3-Dichloropropene	ND	5.1	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 13:30	2020098 GCN	
trans-1,3-Dichloropropene	ND	5.1	0.1	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 13:30	2020098 GCN	
Ethylbenzene	ND	5.1	0.1	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 13:30	2020098 GCN	
Hexachlorobutadiene	ND	10	0.3	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 13:30	2020098 GCN	
Isopropylbenzene	ND	10	0.7	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 13:30	2020098 GCN	
p-Isopropyltoluene	ND	10	0.1	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 13:30	2020098 GCN	
Methyl Butyl Ketone (2-Hexanone)	ND	51	0.4	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 13:30	2020098 GCN	
Methylene Chloride	ND	10	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 13:30	2020098 GCN	
Methyl Ethyl Ketone (2-Butanone)	ND	100	0.7	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 13:30	2020098 GCN	
4-Methyl-2-pentanone (MIBK)	ND	51	0.6	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 13:30	2020098 GCN	
Naphthalene	ND	10	0.4	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 13:30	2020098 GCN	
n-Propylbenzene	ND	10	0.1	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 13:30	2020098 GCN	
Styrene	ND	5.1	0.1	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 13:30	2020098 GCN	
1,1,1,2-Tetrachloroethane	ND	10	0.1	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 13:30	2020098 GCN	
1,1,2,2-Tetrachloroethane	ND	5.1	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 13:30	2020098 GCN	
Tetrachloroethene	ND	5.1	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 13:30	2020098 GCN	
Toluene	0.4	5.1	0.2	ug/kg dry	EPA 8260B	J	1	02/03/12 12:00	02/03/12 13:30	2020098 GCN	
1,2,3-Trichlorobenzene	ND	10	0.3	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 13:30	2020098 GCN	
1,2,4-Trichlorobenzene	ND	10	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 13:30	2020098 GCN	
1,1,1-Trichloroethane	ND	5.1	0.1	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 13:30	2020098 GCN	
1,1,2-Trichloroethane	ND	5.1	0.3	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 13:30	2020098 GCN	



ANALYTICAL SERVICES, INC.

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

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

Attention: Mr. Bob Schoepke

February 10, 2012

Report No.: AVB0079

Project: Tampa, FL

Client ID: 8B-1 (0.5ft bts)

Lab Number ID: AVB0079-02

Date/Time Sampled: 2/1/2012 1:45:00PM

Date/Time Received: 2/2/2012 10:15:00AM

Matrix: Soil

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Volatile Organic Compounds by EPA 8260											
Trichloroethene	ND	5.1	0.9	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 13:30	2020098	GCN
Trichlorofluoromethane	ND	10	0.3	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 13:30	2020098	GCN
1,2,3-Trichloropropane	ND	10	0.3	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 13:30	2020098	GCN
1,2,4-Trimethylbenzene	0.2	10	0.1	ug/kg dry	EPA 8260B	J	1	02/03/12 12:00	02/03/12 13:30	2020098	GCN
1,3,5-Trimethylbenzene	ND	10	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 13:30	2020098	GCN
Vinyl Acetate	ND	10	0.7	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 13:30	2020098	GCN
Vinyl Chloride	ND	10	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 13:30	2020098	GCN
m+p-Xylene	0.5	5.1	0.2	ug/kg dry	EPA 8260B	J	1	02/03/12 12:00	02/03/12 13:30	2020098	GCN
o-Xylene	ND	5.1	0.9	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 13:30	2020098	GCN
Xylenes, total	ND	5.1	0.9	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 13:30	2020098	GCN
Surrogate: Dibromofluoromethane	102 %	70-130			EPA 8260B			02/03/12 12:00	02/03/12 13:30	2020098	
Surrogate: 1,2-Dichloroethane-d4	102 %	67-139			EPA 8260B			02/03/12 12:00	02/03/12 13:30	2020098	
Surrogate: Toluene-d8	98 %	74-120			EPA 8260B			02/03/12 12:00	02/03/12 13:30	2020098	
Surrogate: 4-Bromofluorobenzene	100 %	68-140			EPA 8260B			02/03/12 12:00	02/03/12 13:30	2020098	
Semivolatile Organic Compounds by EPA 8270											
Acenaphthene	ND	350	140	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:00	2020091	rac
Acenaphthylene	ND	350	140	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:00	2020091	rac
Anthracene	ND	350	140	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:00	2020091	rac
Benzo(a)anthracene	ND	350	120	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:00	2020091	rac
Benzo(a)pyrene	ND	350	130	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:00	2020091	rac
Benzo(b)fluoranthene	ND	350	140	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:00	2020091	rac
Benzo(ghi)perylene	ND	350	130	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:00	2020091	rac
Benzo(k)fluoranthene	ND	350	130	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:00	2020091	rac
Benzoic acid	ND	1800	250	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:00	2020091	rac



ANALYTICAL SERVICES, INC.

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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

February 10, 2012

Report No.: AVB0079

Project: Tampa, FL

Client ID: SB-1 (0.5ft bis)

Lab Number ID: AVB0079-02

Date/Time Sampled: 2/1/2012 1:45:00PM

Date/Time Received: 2/2/2012 10:15:00AM

Matrix: Soil

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Semivolatile Organic Compounds by EPA 8270											
Benzyl alcohol	ND	700	170	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:00	2020091	rac
Benzyl butyl phthalate	ND	350	210	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:00	2020091	rac
4-Bromophenyl phenyl ether	ND	350	140	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:00	2020091	rac
Di-n-butyl phthalate	ND	350	160	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:00	2020091	rac
4-Chloroaniline	ND	700	160	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:00	2020091	rac
Bis(2-chloroethoxy)methane	ND	350	140	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:00	2020091	rac
Bis(2-chloroethyl)ether	ND	350	120	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:00	2020091	rac
Bis(2-chloroisopropyl)ether	ND	350	130	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:00	2020091	rac
4-Chloro-3-methylphenol	ND	350	180	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:00	2020091	rac
2-Chloronaphthalene	ND	700	140	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:00	2020091	rac
2-Chlorophenol	ND	350	120	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:00	2020091	rac
4-Chlorophenyl phenyl ether	ND	350	150	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:00	2020091	rac
Chrysene	ND	350	140	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:00	2020091	rac
Dibenzo(a,h)anthracene	ND	350	110	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:00	2020091	rac
Dibenzofuran	ND	350	130	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:00	2020091	rac
1,2-Dichlorobenzene	ND	350	110	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:00	2020091	rac
1,3-Dichlorobenzene	ND	350	100	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:00	2020091	rac
1,4-Dichlorobenzene	ND	350	110	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:00	2020091	rac
3,3'-Dichlorobenzidine	ND	350	150	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:00	2020091	rac
2,4-Dichlorophenol	ND	350	170	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:00	2020091	rac
Diethyl phthalate	ND	350	130	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:00	2020091	rac
2,4-Dimethylphenol	ND	350	120	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:00	2020091	rac
Dimethyl phthalate	ND	350	140	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:00	2020091	rac
4,6-Dinitro-2-methylphenol	ND	1800	240	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:00	2020091	rac



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

Attention: Mr. Bob Schoepke

February 10, 2012

Report No.: AVB0079

Project: Tampa, FL

Client ID: SB-1 (0.5ft bts)

Lab Number ID: AVB0079-02

Date/Time Sampled: 2/1/2012 1:45:00PM

Date/Time Received: 2/2/2012 10:15:00AM

Matrix: Soil

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Semivolatile Organic Compounds by EPA 8270											
2,4-Dinitrophenol	ND	1800	210	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:00	2020091	rac
2,4-Dinitrotoluene	ND	700	180	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:00	2020091	rac
2,6-Dinitrotoluene	ND	700	180	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:00	2020091	rac
Bis(2-ethylhexyl)phthalate	ND	350	180	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:00	2020091	rac
Fluoranthene	ND	350	140	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:00	2020091	rac
Fluorene	ND	350	170	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:00	2020091	rac
Hexachlorobenzene	ND	350	170	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:00	2020091	rac
Hexachlorobutadiene	ND	350	130	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:00	2020091	rac
Hexachlorocyclopentadiene	ND	350	160	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:00	2020091	rac
Hexachloroethane	ND	350	110	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:00	2020091	rac
Indeno(1,2,3-cd)pyrene	ND	350	130	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:00	2020091	rac
Isophorone	ND	350	160	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:00	2020091	rac
2-Methylnaphthalene	ND	350	140	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:00	2020091	rac
3+4-Methylphenol (m+p-cresol)	ND	350	160	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:00	2020091	rac
2-Methylphenol (o-cresol)	ND	350	150	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:00	2020091	rac
Naphthalene	ND	350	120	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:00	2020091	rac
2-Nitroaniline	ND	1800	170	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:00	2020091	rac
3-Nitroaniline	ND	1800	190	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:00	2020091	rac
4-Nitroaniline	ND	1800	170	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:00	2020091	rac
Nitrobenzene	ND	350	120	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:00	2020091	rac
2-Nitrophenol	ND	1800	140	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:00	2020091	rac
4-Nitrophenol	ND	1800	190	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:00	2020091	rac
N-Nitrosodimethylamine	ND	350	120	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:00	2020091	rac
N-Nitrosodiphenylamine/Diphenylamine	ND	350	170	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:00	2020091	rac



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

Attention: Mr. Bob Schoepke

February 10, 2012

Report No.: AVB0079

Project: Tampa, FL

Client ID: SB-1 (0.5ft bts)

Lab Number ID: AVB0079-02

Date/Time Sampled: 2/1/2012 1:45:00PM

Date/Time Received: 2/2/2012 10:15:00AM

Matrix: Soil

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Semivolatile Organic Compounds by EPA 8270											
N-Nitrosodi-n-propylamine	ND	350	180	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:00	2020091	rac
Di-n-octyl phthalate	ND	350	170	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:00	2020091	rac
Pentachlorophenol	ND	700	200	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:00	2020091	rac
Phenanthrene	ND	350	130	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:00	2020091	rac
Phenol	ND	350	130	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:00	2020091	rac
Pyrene	ND	350	150	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:00	2020091	rac
1,2,4-Trichlorobenzene	ND	350	130	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:00	2020091	rac
2,4,5-Trichlorophenol	ND	350	200	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:00	2020091	rac
2,4,6-Trichlorophenol	ND	350	180	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:00	2020091	rac
Surrogate: 2-Fluorophenol	48 %	10-91			EPA 8270D			02/03/12 08:50	02/03/12 14:00	2020091	
Surrogate: Phenol-d6	52 %	10-98			EPA 8270D			02/03/12 08:50	02/03/12 14:00	2020091	
Surrogate: Nitrobenzene-d5	45 %	10-100			EPA 8270D			02/03/12 08:50	02/03/12 14:00	2020091	
Surrogate: 2-Fluorobiphenyl	54 %	10-102			EPA 8270D			02/03/12 08:50	02/03/12 14:00	2020091	
Surrogate: 2,4,6-Tribromophenol	61 %	10-189			EPA 8270D			02/03/12 08:50	02/03/12 14:00	2020091	
Surrogate: p-Terphenyl-d14	76 %	10-114			EPA 8270D			02/03/12 08:50	02/03/12 14:00	2020091	



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

Attention: Mr. Bob Schoepke

February 10, 2012

Report No.: AVB0079

Project: Tampa, FL

Client ID: SB-1 (2ft bts)

Lab Number ID: AVB0079-03

Date/Time Sampled: 2/1/2012 2:00:00PM

Date/Time Received: 2/2/2012 10:15:00AM

Matrix: Soil

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
General Chemistry											
% Solids	92.0	0.04	0.04	% by Weight	SOP Moisture		1	02/02/12 14:45	02/02/12 14:45	2020027	NJS
Metals, Total											
Arsenic	ND	3.02	0.77	mg/kg dry	EPA 6010C		1	02/07/12 11:45	02/08/12 12:14	2020173	FBS
Barium	17.7	1.01	0.04	mg/kg dry	EPA 6010C		1	02/07/12 11:45	02/08/12 12:14	2020173	FBS
Cadmium	0.22	1.01	0.03	mg/kg dry	EPA 6010C	J	1	02/07/12 11:45	02/08/12 12:14	2020173	FBS
Chromium	8.66	1.01	0.35	mg/kg dry	EPA 6010C		1	02/07/12 11:45	02/08/12 12:14	2020173	FBS
Lead	2.12	2.52	0.53	mg/kg dry	EPA 6010C	J	1	02/07/12 11:45	02/08/12 12:14	2020173	FBS
Selenium	1.18	4.03	0.90	mg/kg dry	EPA 6010C	J	1	02/07/12 11:45	02/08/12 12:14	2020173	FBS
Silver	ND	1.01	0.11	mg/kg dry	EPA 6010C		1	02/07/12 11:45	02/08/12 12:14	2020173	FBS
Mercury	BRL	0.251	0.009	mg/kg dry	EPA 7471B		1	02/07/12 14:10	02/08/12 13:39	2020164	CSW
Volatile Organic Compounds by EPA 8260											
Acetone	9.2	110	1.7	ug/kg dry	EPA 8260B	J	1	02/03/12 12:00	02/03/12 13:59	2020098	GCN
Acrolein	ND	53	1.4	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 13:59	2020098	GCN
Acrylonitrile	ND	53	0.4	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 13:59	2020098	GCN
Benzene	ND	5.3	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 13:59	2020098	GCN
Bromobenzene	ND	11	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 13:59	2020098	GCN
Bromochloromethane	ND	11	0.3	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 13:59	2020098	GCN
Bromodichloromethane	ND	11	0.1	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 13:59	2020098	GCN
Bromoform	ND	11	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 13:59	2020098	GCN
Bromomethane	ND	11	0.4	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 13:59	2020098	GCN
n-Butylbenzene	ND	11	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 13:59	2020098	GCN
sec-Butylbenzene	ND	11	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 13:59	2020098	GCN
tert-Butylbenzene	ND	11	0.1	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 13:59	2020098	GCN



ANALYTICAL SERVICES, INC.

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

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

Attention: Mr. Bob Schoepke

February 10, 2012

Report No.: AVB0079

Project: Tampa, FL

Client ID: SB-1 (2ft bis)

Lab Number ID: AVB0079-03

Date/Time Sampled: 2/1/2012 2:00:00PM

Date/Time Received: 2/2/2012 10:15:00AM

Matrix: Soil

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Volatile Organic Compounds by EPA 8260											
Carbon Disulfide	ND	11	1.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 13:59	2020098	GCN
Carbon Tetrachloride	ND	5.3	0.1	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 13:59	2020098	GCN
Chlorobenzene	ND	11	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 13:59	2020098	GCN
Chloroethane	ND	5.3	0.7	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 13:59	2020098	GCN
2-Chloroethyl Vinyl Ether	ND	11	0.3	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 13:59	2020098	GCN
Chloroform	0.2	5.3	0.1	ug/kg dry	EPA 8260B	J	1	02/03/12 12:00	02/03/12 13:59	2020098	GCN
Chloromethane	ND	11	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 13:59	2020098	GCN
2-Chlorotoluene	ND	11	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 13:59	2020098	GCN
4-Chlorotoluene	ND	11	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 13:59	2020098	GCN
Dibromochloromethane	ND	5.3	0.4	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 13:59	2020098	GCN
1,2-Dibromo-3-chloropropane	ND	11	0.6	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 13:59	2020098	GCN
1,2-Dibromoethane	ND	11	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 13:59	2020098	GCN
Dibromomethane	ND	11	0.3	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 13:59	2020098	GCN
1,2-Dichlorobenzene	ND	11	0.3	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 13:59	2020098	GCN
1,3-Dichlorobenzene	ND	11	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 13:59	2020098	GCN
1,4-Dichlorobenzene	ND	11	0.4	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 13:59	2020098	GCN
Dichlorodifluoromethane	ND	11	0.1	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 13:59	2020098	GCN
1,1-Dichloroethane	ND	5.3	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 13:59	2020098	GCN
1,2-Dichloroethane	ND	5.3	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 13:59	2020098	GCN
1,1-Dichloroethene	ND	5.3	0.3	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 13:59	2020098	GCN
cis-1,2-Dichloroethene	ND	5.3	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 13:59	2020098	GCN
trans-1,2-Dichloroethene	ND	5.3	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 13:59	2020098	GCN
1,2-Dichloroethene (total) *	ND	5.3	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 13:59	2020098	GCN
1,2-Dichloropropane	ND	5.3	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 13:59	2020098	GCN



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

Attention: Mr. Bob Schoepke

February 10, 2012

Report No.: AVB0079

Project: Tampa, FL

Client ID: SB-1 (2ft bla)

Lab Number ID: AVB0079-03

Date/Time Sampled: 2/1/2012 2:00:00PM

Date/Time Received: 2/2/2012 10:15:00AM

Matrix: Soil

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Volatile Organic Compounds by EPA 8260											
1,3-Dichloropropane	ND	5.3	0.3	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 13:59	2020098 GCN	
2,2-Dichloropropane	ND	11	0.3	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 13:59	2020098 GCN	
1,1-Dichloropropene	ND	11	0.1	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 13:59	2020098 GCN	
cis-1,3-Dichloropropene	ND	5.3	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 13:59	2020098 GCN	
trans-1,3-Dichloropropene	ND	5.3	0.1	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 13:59	2020098 GCN	
Ethylbenzene	ND	5.3	0.1	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 13:59	2020098 GCN	
Hexachlorobutadiene	ND	11	0.3	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 13:59	2020098 GCN	
Isopropylbenzene	ND	11	0.7	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 13:59	2020098 GCN	
p-Isopropyltoluene	ND	11	0.1	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 13:59	2020098 GCN	
Methyl Butyl Ketone (2-Hexanone)	ND	53	0.4	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 13:59	2020098 GCN	
Methylene Chloride	ND	11	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 13:59	2020098 GCN	
Methyl Ethyl Ketone (2-Butanone)	ND	110	0.7	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 13:59	2020098 GCN	
4-Methyl-2-pentanone (MIBK)	ND	53	0.6	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 13:59	2020098 GCN	
Naphthalene	ND	11	0.4	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 13:59	2020098 GCN	
n-Propylbenzene	ND	11	0.1	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 13:59	2020098 GCN	
Styrene	ND	5.3	0.1	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 13:59	2020098 GCN	
1,1,1,2-Tetrachloroethane	ND	11	0.1	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 13:59	2020098 GCN	
1,1,2,2-Tetrachloroethane	ND	5.3	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 13:59	2020098 GCN	
Tetrachloroethene	ND	5.3	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 13:59	2020098 GCN	
Toluene	ND	5.3	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 13:59	2020098 GCN	
1,2,3-Trichlorobenzene	ND	11	0.3	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 13:59	2020098 GCN	
1,2,4-Trichlorobenzene	ND	11	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 13:59	2020098 GCN	
1,1,1-Trichloroethane	ND	5.3	0.1	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 13:59	2020098 GCN	
1,1,2-Trichloroethane	ND	5.3	0.3	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 13:59	2020098 GCN	



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

Attention: Mr. Bob Schoepke

February 10, 2012

Report No.: AVB0079

Project: Tampa, FL

Client ID: SB-1 (2ft bis)

Lab Number ID: AVB0079-03

Date/Time Sampled: 2/1/2012 2:00:00PM

Date/Time Received: 2/2/2012 10:15:00AM

Matrix: Soil

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Volatile Organic Compounds by EPA 8260											
Trichloroethene	ND	5.3	0.9	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 13:59	2020098	GCN
Trichlorofluoromethane	ND	11	0.3	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 13:59	2020098	GCN
1,2,3-Trichloropropane	ND	11	0.3	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 13:59	2020098	GCN
1,2,4-Trimethylbenzene	ND	11	0.1	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 13:59	2020098	GCN
1,3,5-Trimethylbenzene	ND	11	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 13:59	2020098	GCN
Vinyl Acetate	ND	11	0.7	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 13:59	2020098	GCN
Vinyl Chloride	ND	11	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 13:59	2020098	GCN
m+p-Xylene	ND	5.3	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 13:59	2020098	GCN
o-Xylene	ND	5.3	1.0	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 13:59	2020098	GCN
Xylenes, total	ND	5.3	1.0	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 13:59	2020098	GCN
Surrogate: Dibromofluoromethane	103 %		70-130		EPA 8260B			02/03/12 12:00	02/03/12 13:59	2020098	
Surrogate: 1,2-Dichloroethane-d4	104 %		67-139		EPA 8260B			02/03/12 12:00	02/03/12 13:59	2020098	
Surrogate: Toluene-d8	97 %		74-120		EPA 8260B			02/03/12 12:00	02/03/12 13:59	2020098	
Surrogate: 4-Bromofluorobenzene	101 %		68-140		EPA 8260B			02/03/12 12:00	02/03/12 13:59	2020098	
Semivolatile Organic Compounds by EPA 8270											
Acenaphthene	ND	360	140	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:25	2020091	rac
Acenaphthylene	ND	360	140	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:25	2020091	rac
Anthracene	ND	360	140	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:25	2020091	rac
Benzo(a)anthracene	ND	360	120	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:25	2020091	rac
Benzo(a)pyrene	ND	360	130	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:25	2020091	rac
Benzo(b)fluoranthene	ND	360	140	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:25	2020091	rac
Benzo(ghi)perylene	ND	360	130	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:25	2020091	rac
Benzo(k)fluoranthene	ND	360	130	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:25	2020091	rac
Benzoic acid	ND	1800	250	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:25	2020091	rac



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Elgin IL, 60120

Attention: Mr. Bob Schoepke

February 10, 2012

Report No.: AVB0079

Project: Tampa, FL

Client ID: SB-1 (2ft bis)

Lab Number ID: AVB0079-03

Date/Time Sampled: 2/1/2012 2:00:00PM

Date/Time Received: 2/2/2012 10:15:00AM

Matrix: Soil

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Semivolatile Organic Compounds by EPA 8270											
Benzyl alcohol	ND	710	170	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:25	2020091	rac
Benzyl butyl phthalate	ND	360	210	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:25	2020091	rac
4-Bromophenyl phenyl ether	ND	360	150	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:25	2020091	rac
Di-n-butyl phthalate	ND	360	160	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:25	2020091	rac
4-Chloroaniline	ND	710	160	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:25	2020091	rac
Bis(2-chloroethoxy)methane	ND	360	150	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:25	2020091	rac
Bis(2-chloroethyl)ether	ND	360	120	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:25	2020091	rac
Bis(2-chloroisopropyl)ether	ND	360	130	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:25	2020091	rac
4-Chloro-3-methylphenol	ND	360	180	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:25	2020091	rac
2-Chloronaphthalene	ND	710	140	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:25	2020091	rac
2-Chlorophenol	ND	360	130	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:25	2020091	rac
4-Chlorophenyl phenyl ether	ND	360	150	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:25	2020091	rac
Chrysene	ND	360	150	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:25	2020091	rac
Dibenzo(a,h)anthracene	ND	360	110	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:25	2020091	rac
Dibenzofuran	ND	360	130	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:25	2020091	rac
1,2-Dichlorobenzene	ND	360	110	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:25	2020091	rac
1,3-Dichlorobenzene	ND	360	100	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:25	2020091	rac
1,4-Dichlorobenzene	ND	360	110	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:25	2020091	rac
3,3'-Dichlorobenzidine	ND	360	160	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:25	2020091	rac
2,4-Dichlorophenol	ND	360	170	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:25	2020091	rac
Diethyl phthalate	ND	360	140	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:25	2020091	rac
2,4-Dimethylphenol	ND	360	120	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:25	2020091	rac
Dimethyl phthalate	ND	360	140	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:25	2020091	rac
4,6-Dinitro-2-methylphenol	ND	1800	240	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:25	2020091	rac



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Attention: Mr. Bob Schoepke

February 10, 2012

Report No.: AVB0079

Project: Tampa, FL

Client ID: SB-1 (2ft bis)

Lab Number ID: AVB0079-03

Date/Time Sampled: 2/1/2012 2:00:00PM

Date/Time Received: 2/2/2012 10:15:00AM

Matrix: Soil

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Semivolatile Organic Compounds by EPA 8270											
2,4-Dinitrophenol	ND	1800	210	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:25	2020091	rac
2,4-Dinitrotoluene	ND	710	180	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:25	2020091	rac
2,6-Dinitrotoluene	ND	710	180	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:25	2020091	rac
Bis(2-ethylhexyl)phthalate	ND	360	190	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:25	2020091	rac
Fluoranthene	ND	360	140	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:25	2020091	rac
Fluorene	ND	360	170	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:25	2020091	rac
Hexachlorobenzene	ND	360	170	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:25	2020091	rac
Hexachlorobutadiene	ND	360	130	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:25	2020091	rac
Hexachlorocyclopentadiene	ND	360	170	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:25	2020091	rac
Hexachloroethane	ND	360	110	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:25	2020091	rac
Indeno(1,2,3-cd)pyrene	ND	360	130	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:25	2020091	rac
Isophorone	ND	360	170	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:25	2020091	rac
2-Methylnaphthalene	ND	360	140	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:25	2020091	rac
3+4-Methylphenol (m+p-cresol)	ND	360	160	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:25	2020091	rac
2-Methylphenol (o-cresol)	ND	360	160	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:25	2020091	rac
Naphthalene	ND	360	120	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:25	2020091	rac
2-Nitroaniline	ND	1800	170	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:25	2020091	rac
3-Nitroaniline	ND	1800	190	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:25	2020091	rac
4-Nitroaniline	ND	1800	180	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:25	2020091	rac
Nitrobenzene	ND	360	120	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:25	2020091	rac
2-Nitrophenol	ND	1800	140	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:25	2020091	rac
4-Nitrophenol	ND	1800	190	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:25	2020091	rac
N-Nitrosodimethylamine	ND	360	120	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:25	2020091	rac
N-Nitrosodiphenylamine/Diphenylamine	ND	360	170	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:25	2020091	rac



ANALYTICAL SERVICES, INC.

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

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

Attention: Mr. Bob Schoepke

February 10, 2012

Report No.: AVB0079

Project: Tampa, FL

Client ID: SB-1 (2ft bts)

Lab Number ID: AVB0079-03

Date/Time Sampled: 2/1/2012 2:00:00PM

Date/Time Received: 2/2/2012 10:15:00AM

Matrix: Soil

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Semivolatile Organic Compounds by EPA 8270											
N-Nitrosodi-n-propylamine	ND	360	190	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:25	2020091	rac
Di-n-octyl phthalate	ND	360	170	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:25	2020091	rac
Pentachlorophenol	ND	710	200	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:25	2020091	rac
Phenanthrene	ND	360	130	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:25	2020091	rac
Phenol	ND	360	130	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:25	2020091	rac
Pyrene	ND	360	150	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:25	2020091	rac
1,2,4-Trichlorobenzene	ND	360	130	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:25	2020091	rac
2,4,5-Trichlorophenol	ND	360	200	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:25	2020091	rac
2,4,6-Trichlorophenol	ND	360	180	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:25	2020091	rac
Surrogate: 2-Fluorophenol	43 %	10-91			EPA 8270D			02/03/12 08:50	02/03/12 14:25	2020091	
Surrogate: Phenol-d8	47 %	10-98			EPA 8270D			02/03/12 08:50	02/03/12 14:25	2020091	
Surrogate: Nitrobenzene-d5	39 %	10-100			EPA 8270D			02/03/12 08:50	02/03/12 14:25	2020091	
Surrogate: 2-Fluorobiphenyl	49 %	10-102			EPA 8270D			02/03/12 08:50	02/03/12 14:25	2020091	
Surrogate: 2,4,6-Tribromophenol	61 %	10-189			EPA 8270D			02/03/12 08:50	02/03/12 14:25	2020091	
Surrogate: p-Terphenyl-d14	79 %	10-114			EPA 8270D			02/03/12 08:50	02/03/12 14:25	2020091	



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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

February 10, 2012

Report No.: AVB0079

Project: Tampa, FL

Client ID: SB-2 (0.5ft bts)

Lab Number ID: AVB0079-04

Date/Time Sampled: 2/1/2012 2:15:00PM

Date/Time Received: 2/2/2012 10:15:00AM

Matrix: Soil

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
General Chemistry											
% Solids	82.3	0.04	0.04	% by Weight	SOP Moisture		1	02/02/12 14:45	02/02/12 14:45	2020027	NJS
Metals, Total											
Arsenic	1.21	3.31	0.84	mg/kg dry	EPA 6010C	J	1	02/07/12 11:45	02/08/12 12:29	2020173	FBS
Barium	35.4	1.10	0.04	mg/kg dry	EPA 6010C		1	02/07/12 11:45	02/08/12 12:29	2020173	FBS
Cadmium	0.20	1.10	0.03	mg/kg dry	EPA 6010C	J	1	02/07/12 11:45	02/08/12 12:29	2020173	FBS
Chromium	5.14	1.10	0.38	mg/kg dry	EPA 6010C		1	02/07/12 11:45	02/08/12 12:29	2020173	FBS
Lead	6.62	2.76	0.58	mg/kg dry	EPA 6010C		1	02/07/12 11:45	02/08/12 12:29	2020173	FBS
Selenium	2.16	4.42	0.98	mg/kg dry	EPA 6010C	J	1	02/07/12 11:45	02/08/12 12:29	2020173	FBS
Silver	ND	1.10	0.12	mg/kg dry	EPA 6010C		1	02/07/12 11:45	02/08/12 12:29	2020173	FBS
Mercury	BRL	0.304	0.011	mg/kg dry	EPA 7471B		1	02/07/12 14:10	02/08/12 13:42	2020164	CSW
Volatile Organic Compounds by EPA 8260											
Acetone	ND	130	2.1	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 14:29	2020098	GCN
Acrolein	ND	66	1.7	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 14:29	2020098	GCN
Acrylonitrile	ND	66	0.6	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 14:29	2020098	GCN
Benzene	ND	6.6	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 14:29	2020098	GCN
Bromobenzene	ND	13	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 14:29	2020098	GCN
Bromochloromethane	ND	13	0.4	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 14:29	2020098	GCN
Bromodichloromethane	ND	13	0.1	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 14:29	2020098	GCN
Bromoform	ND	13	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 14:29	2020098	GCN
Bromomethane	ND	13	0.5	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 14:29	2020098	GCN
n-Butylbenzene	ND	13	0.3	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 14:29	2020098	GCN
sec-Butylbenzene	ND	13	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 14:29	2020098	GCN
tert-Butylbenzene	ND	13	0.1	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 14:29	2020098	GCN



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

Attention: Mr. Bob Schoepke

February 10, 2012

Report No.: AVB0079

Project: Tampa, FL

Client ID: SB-2 (0.5ft bla)

Lab Number ID: AVB0079-04

Date/Time Sampled: 2/1/2012 2:15:00PM

Date/Time Received: 2/2/2012 10:15:00AM

Matrix: Soil

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Volatile Organic Compounds by EPA 8260											
Carbon Disulfide	ND	13	1.5	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 14:29	2020098	GCN
Carbon Tetrachloride	ND	6.6	0.1	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 14:29	2020098	GCN
Chlorobenzene	ND	13	0.3	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 14:29	2020098	GCN
Chloroethane	ND	6.6	0.9	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 14:29	2020098	GCN
2-Chloroethyl Vinyl Ether	ND	13	0.3	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 14:29	2020098	GCN
Chloroform	0.1	6.6	0.1	ug/kg dry	EPA 8260B	J	1	02/03/12 12:00	02/03/12 14:29	2020098	GCN
Chloromethane	ND	13	0.3	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 14:29	2020098	GCN
2-Chlorotoluene	ND	13	0.3	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 14:29	2020098	GCN
4-Chlorotoluene	ND	13	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 14:29	2020098	GCN
Dibromochloromethane	ND	6.6	0.4	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 14:29	2020098	GCN
1,2-Dibromo-3-chloropropane	ND	13	0.7	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 14:29	2020098	GCN
1,2-Dibromoethane	ND	13	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 14:29	2020098	GCN
Dibromomethane	ND	13	0.4	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 14:29	2020098	GCN
1,2-Dichlorobenzene	ND	13	0.4	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 14:29	2020098	GCN
1,3-Dichlorobenzene	ND	13	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 14:29	2020098	GCN
1,4-Dichlorobenzene	ND	13	0.4	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 14:29	2020098	GCN
Dichlorodifluoromethane	ND	13	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 14:29	2020098	GCN
1,1-Dichloroethane	ND	6.6	0.3	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 14:29	2020098	GCN
1,2-Dichloroethane	ND	6.6	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 14:29	2020098	GCN
1,1-Dichloroethene	ND	6.6	0.3	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 14:29	2020098	GCN
cis-1,2-Dichloroethene	ND	6.6	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 14:29	2020098	GCN
trans-1,2-Dichloroethene	ND	6.6	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 14:29	2020098	GCN
1,2-Dichloroethene (total) *	ND	6.6	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 14:29	2020098	GCN
1,2-Dichloropropane	ND	6.6	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 14:29	2020098	GCN



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

Attention: Mr. Bob Schoepke

February 10, 2012

Report No.: AVB0079

Project: Tampa, FL

Client ID: SB-2 (0.5ft bla)

Lab Number ID: AVB0079-04

Date/Time Sampled: 2/1/2012 2:15:00PM

Date/Time Received: 2/2/2012 10:15:00AM

Matrix: Soil

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Volatile Organic Compounds by EPA 8260											
1,3-Dichloropropane	ND	6.6	0.4	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 14:29	2020098	GCN
2,2-Dichloropropane	ND	13	0.3	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 14:29	2020098	GCN
1,1-Dichloropropane	ND	13	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 14:29	2020098	GCN
cis-1,3-Dichloropropene	ND	6.6	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 14:29	2020098	GCN
trans-1,3-Dichloropropene	ND	6.6	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 14:29	2020098	GCN
Ethylbenzene	ND	6.6	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 14:29	2020098	GCN
Hexachlorobutadiene	ND	13	0.3	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 14:29	2020098	GCN
Isopropylbenzene	ND	13	0.8	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 14:29	2020098	GCN
p-Isopropyltoluene	ND	13	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 14:29	2020098	GCN
Methyl Butyl Ketone (2-Hexanone)	ND	66	0.5	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 14:29	2020098	GCN
Methylene Chloride	ND	13	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 14:29	2020098	GCN
Methyl Ethyl Ketone (2-Butanone)	ND	130	0.9	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 14:29	2020098	GCN
4-Methyl-2-pentanone (MIBK)	ND	66	0.7	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 14:29	2020098	GCN
Naphthalene	ND	13	0.5	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 14:29	2020098	GCN
n-Propylbenzene	ND	13	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 14:29	2020098	GCN
Styrene	ND	6.6	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 14:29	2020098	GCN
1,1,1,2-Tetrachloroethane	ND	13	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 14:29	2020098	GCN
1,1,2,2-Tetrachloroethane	ND	6.6	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 14:29	2020098	GCN
Tetrachloroethane	ND	6.6	0.3	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 14:29	2020098	GCN
Toluene	ND	6.6	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 14:29	2020098	GCN
1,2,3-Trichlorobenzene	ND	13	0.4	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 14:29	2020098	GCN
1,2,4-Trichlorobenzene	ND	13	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 14:29	2020098	GCN
1,1,1-Trichloroethane	ND	6.6	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 14:29	2020098	GCN
1,1,2-Trichloroethane	ND	6.6	0.3	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 14:29	2020098	GCN



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

Attention: Mr. Bob Schoepke

February 10, 2012

Report No.: AVB0079

Project: Tampa, FL

Client ID: SB-2 (0.5ft bla)

Lab Number ID: AVB0079-04

Date/Time Sampled: 2/1/2012 2:15:00PM

Date/Time Received: 2/2/2012 10:15:00AM

Matrix: Soil

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Int.
Volatile Organic Compounds by EPA 8260											
Trichloroethene	ND	6.6	1.1	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 14:29	2020098	GCN
Trichlorofluoromethane	ND	13	0.3	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 14:29	2020098	GCN
1,2,3-Trichloropropane	ND	13	0.4	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 14:29	2020098	GCN
1,2,4-Trimethylbenzene	ND	13	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 14:29	2020098	GCN
1,3,5-Trimethylbenzene	ND	13	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 14:29	2020098	GCN
Vinyl Acetate	ND	13	0.9	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 14:29	2020098	GCN
Vinyl Chloride	ND	13	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 14:29	2020098	GCN
m+p-Xylene	ND	6.6	0.3	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 14:29	2020098	GCN
o-Xylene	ND	6.6	1.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 14:29	2020098	GCN
Xylenes, total	ND	6.6	1.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 14:29	2020098	GCN
Surrogate: Dibromofluoromethane	102 %	70-130			EPA 8260B			02/03/12 12:00	02/03/12 14:29	2020098	
Surrogate: 1,2-Dichloroethane-d4	102 %	67-139			EPA 8260B			02/03/12 12:00	02/03/12 14:29	2020098	
Surrogate: Toluene-d8	98 %	74-120			EPA 8260B			02/03/12 12:00	02/03/12 14:29	2020098	
Surrogate: 4-Bromofluorobenzene	102 %	68-140			EPA 8260B			02/03/12 12:00	02/03/12 14:29	2020098	
Semivolatile Organic Compounds by EPA 8270											
Acenaphthene	ND	400	150	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 16:15	2020091	rac
Acenaphthylene	ND	400	160	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 16:15	2020091	rac
Anthracene	ND	400	160	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 16:15	2020091	rac
Benzo(a)anthracene	ND	400	140	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 16:15	2020091	rac
Benzo(a)pyrene	ND	400	140	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 16:15	2020091	rac
Benzo(b)fluoranthene	ND	400	160	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 16:15	2020091	rac
Benzo(ghi)perylene	ND	400	150	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 16:15	2020091	rac
Benzo(k)fluoranthene	ND	400	150	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 16:15	2020091	rac
Benzoic acid	ND	2100	280	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 16:15	2020091	rac



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Elgin IL, 60120

Attention: Mr. Bob Schoepke

February 10, 2012

Report No.: AVB0079

Project: Tampa, FL

Client ID: SB-2 (0.5ft bis)

Lab Number ID: AVB0079-04

Date/Time Sampled: 2/1/2012 2:15:00PM

Date/Time Received: 2/2/2012 10:15:00AM

Matrix: Soil

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Semivolatile Organic Compounds by EPA 8270											
Benzyl alcohol	ND	800	190	ug/kg	EPA 8270D		1	02/03/12 08:50	02/03/12 16:15	2020091	rac
Benzyl butyl phthalate	ND	400	230	ug/kg	EPA 8270D		1	02/03/12 08:50	02/03/12 16:15	2020091	rac
4-Bromophenyl phenyl ether	ND	400	160	ug/kg	EPA 8270D		1	02/03/12 08:50	02/03/12 16:15	2020091	rac
Di-n-butyl phthalate	ND	400	180	ug/kg	EPA 8270D		1	02/03/12 08:50	02/03/12 16:15	2020091	rac
4-Chloroaniline	ND	800	180	ug/kg	EPA 8270D		1	02/03/12 08:50	02/03/12 16:15	2020091	rac
Bis(2-chloroethoxy)methane	ND	400	160	ug/kg	EPA 8270D		1	02/03/12 08:50	02/03/12 16:15	2020091	rac
Bis(2-chloroethyl)ether	ND	400	130	ug/kg	EPA 8270D		1	02/03/12 08:50	02/03/12 16:15	2020091	rac
Bis(2-chloroisopropyl)ether	ND	400	140	ug/kg	EPA 8270D		1	02/03/12 08:50	02/03/12 16:15	2020091	rac
4-Chloro-3-methylphenol	ND	400	200	ug/kg	EPA 8270D		1	02/03/12 08:50	02/03/12 16:15	2020091	rac
2-Chloronaphthalene	ND	800	160	ug/kg	EPA 8270D		1	02/03/12 08:50	02/03/12 16:15	2020091	rac
2-Chlorophenol	ND	400	140	ug/kg	EPA 8270D		1	02/03/12 08:50	02/03/12 16:15	2020091	rac
4-Chlorophenyl phenyl ether	ND	400	170	ug/kg	EPA 8270D		1	02/03/12 08:50	02/03/12 16:15	2020091	rac
Chrysene	ND	400	160	ug/kg	EPA 8270D		1	02/03/12 08:50	02/03/12 16:15	2020091	rac
Dibenzo(a,h)anthracene	ND	400	130	ug/kg	EPA 8270D		1	02/03/12 08:50	02/03/12 16:15	2020091	rac
Dibenzofuran	ND	400	150	ug/kg	EPA 8270D		1	02/03/12 08:50	02/03/12 16:15	2020091	rac
1,2-Dichlorobenzene	ND	400	130	ug/kg	EPA 8270D		1	02/03/12 08:50	02/03/12 16:15	2020091	rac
1,3-Dichlorobenzene	ND	400	120	ug/kg	EPA 8270D		1	02/03/12 08:50	02/03/12 16:15	2020091	rac
1,4-Dichlorobenzene	ND	400	120	ug/kg	EPA 8270D		1	02/03/12 08:50	02/03/12 16:15	2020091	rac
3,3'-Dichlorobenzidine	ND	400	170	ug/kg	EPA 8270D		1	02/03/12 08:50	02/03/12 16:15	2020091	rac
2,4-Dichlorophenol	ND	400	190	ug/kg	EPA 8270D		1	02/03/12 08:50	02/03/12 16:15	2020091	rac
Diethyl phthalate	ND	400	150	ug/kg	EPA 8270D		1	02/03/12 08:50	02/03/12 16:15	2020091	rac
2,4-Dimethylphenol	ND	400	140	ug/kg	EPA 8270D		1	02/03/12 08:50	02/03/12 16:15	2020091	rac
Dimethyl phthalate	ND	400	160	ug/kg	EPA 8270D		1	02/03/12 08:50	02/03/12 16:15	2020091	rac
4,6-Dinitro-2-methylphenol	ND	2100	270	ug/kg	EPA 8270D		1	02/03/12 08:50	02/03/12 16:15	2020091	rac



ANALYTICAL SERVICES, INC.

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

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

Attention: Mr. Bob Schoepke

February 10, 2012

Report No.: AVB0079

Project: Tampa, FL

Client ID: SB-2 (0.5ft bis)

Lab Number ID: AVB0079-04

Date/Time Sampled: 2/1/2012 2:15:00PM

Date/Time Received: 2/2/2012 10:15:00AM

Matrix: Soil

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Semivolatile Organic Compounds by EPA 8270											
2,4-Dinitrophenol	ND	2100	240	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 16:15	2020091	rac
2,4-Dinitrotoluene	ND	800	200	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 16:15	2020091	rac
2,6-Dinitrotoluene	ND	800	210	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 16:15	2020091	rac
Bis(2-ethylhexyl)phthalate	ND	400	210	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 16:15	2020091	rac
Fluoranthene	ND	400	160	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 16:15	2020091	rac
Fluorene	ND	400	190	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 16:15	2020091	rac
Hexachlorobenzene	ND	400	190	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 16:15	2020091	rac
Hexachlorobutadiene	ND	400	140	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 16:15	2020091	rac
Hexachlorocyclopentadiene	ND	400	190	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 16:15	2020091	rac
Hexachloroethane	ND	400	130	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 16:15	2020091	rac
Indeno(1,2,3-cd)pyrene	ND	400	140	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 16:15	2020091	rac
Isophorone	ND	400	190	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 16:15	2020091	rac
2-Methylnaphthalene	ND	400	160	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 16:15	2020091	rac
2-Methylphenol (o-cresol)	ND	400	170	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 16:15	2020091	rac
3+4-Methylphenol (m+p-cresol)	ND	400	180	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 16:15	2020091	rac
Naphthalene	ND	400	140	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 16:15	2020091	rac
2-Nitroaniline	ND	2100	190	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 16:15	2020091	rac
3-Nitroaniline	ND	2100	220	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 16:15	2020091	rac
4-Nitroaniline	ND	2100	200	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 16:15	2020091	rac
Nitrobenzene	ND	400	130	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 16:15	2020091	rac
2-Nitrophenol	ND	2100	160	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 16:15	2020091	rac
4-Nitrophenol	ND	2100	210	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 16:15	2020091	rac
N-Nitrosodimethylamine	ND	400	130	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 16:15	2020091	rac
N-Nitrosodiphenylamine/Diphenylamine	ND	400	190	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 16:15	2020091	rac



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

Attention: Mr. Bob Schoepke

February 10, 2012

Report No.: AVB0079

Project: Tampa, FL

Client ID: SB-2 (0.5ft bta)

Lab Number ID: AVB0079-04

Date/Time Sampled: 2/1/2012 2:15:00PM

Date/Time Received: 2/2/2012 10:15:00AM

Matrix: Soil

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Semivolatile Organic Compounds by EPA 8270											
N-Nitrosodi-n-propylamine	ND	400	210	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 16:15	2020091	rac
Di-n-octyl phthalate	ND	400	190	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 16:15	2020091	rac
Pentachlorophenol	ND	800	230	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 16:15	2020091	rac
Phenanthrene	ND	400	150	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 16:15	2020091	rac
Phenol	ND	400	150	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 16:15	2020091	rac
Pyrene	ND	400	170	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 16:15	2020091	rac
1,2,4-Trichlorobenzene	ND	400	140	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 16:15	2020091	rac
2,4,5-Trichlorophenol	ND	400	220	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 16:15	2020091	rac
2,4,6-Trichlorophenol	ND	400	200	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 16:15	2020091	rac
Surrogate: 2-Fluorophenol	52 %		10-91		EPA 8270D			02/03/12 08:50	02/03/12 16:15	2020091	
Surrogate: Phenol-d6	52 %		10-98		EPA 8270D			02/03/12 08:50	02/03/12 16:15	2020091	
Surrogate: Nitrobenzene-d5	55 %		10-100		EPA 8270D			02/03/12 08:50	02/03/12 16:15	2020091	
Surrogate: 2-Fluorobiphenyl	66 %		10-102		EPA 8270D			02/03/12 08:50	02/03/12 16:15	2020091	
Surrogate: 2,4,6-Tribromophenol	72 %		10-189		EPA 8270D			02/03/12 08:50	02/03/12 16:15	2020091	
Surrogate: p-Terphenyl-d14	80 %		10-114		EPA 8270D			02/03/12 08:50	02/03/12 16:15	2020091	



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

Attention: Mr. Bob Schoepke

February 10, 2012

Report No.: AVB0079

Project: Tampa, FL

Client ID: SB-2 (2ft bla)

Lab Number ID: AVB0079-05

Date/Time Sampled: 2/1/2012 2:30:00PM

Date/Time Received: 2/2/2012 10:15:00AM

Matrix: Soil

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
General Chemistry											
% Solids	85.8	0.04	0.04	% by Weight	SOP Moisture		1	02/02/12 14:45	02/02/12 14:45	2020027	NJS
Metals, Total											
Arsenic	ND	3.18	0.81	mg/kg dry	EPA 8010C		1	02/07/12 11:45	02/08/12 12:32	2020173	FBS
Barium	14.7	1.06	0.04	mg/kg dry	EPA 8010C		1	02/07/12 11:45	02/08/12 12:32	2020173	FBS
Cadmium	0.07	1.06	0.03	mg/kg dry	EPA 8010C	J	1	02/07/12 11:45	02/08/12 12:32	2020173	FBS
Chromium	4.75	1.06	0.37	mg/kg dry	EPA 8010C		1	02/07/12 11:45	02/08/12 12:32	2020173	FBS
Lead	9.97	2.85	0.56	mg/kg dry	EPA 8010C		1	02/07/12 11:45	02/08/12 12:32	2020173	FBS
Selenium	1.48	4.24	0.95	mg/kg dry	EPA 8010C	J	1	02/07/12 11:45	02/08/12 12:32	2020173	FBS
Silver	ND	1.06	0.12	mg/kg dry	EPA 8010C		1	02/07/12 11:45	02/08/12 12:32	2020173	FBS
Mercury	BRL	0.278	0.010	mg/kg dry	EPA 7471B		1	02/07/12 14:10	02/08/12 13:44	2020164	CSW
Volatile Organic Compounds by EPA 8260											
Acetone	ND	99	1.6	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 14:58	2020098	GCN
Acrolein	ND	50	1.3	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 14:58	2020098	GCN
Acrylonitrile	ND	50	0.4	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 14:58	2020098	GCN
Benzene	ND	5.0	0.1	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 14:58	2020098	GCN
Bromobenzene	ND	9.9	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 14:58	2020098	GCN
Bromochloromethane	ND	9.9	0.3	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 14:58	2020098	GCN
Bromodichloromethane	ND	9.9	0.1	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 14:58	2020098	GCN
Bromoform	ND	9.9	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 14:58	2020098	GCN
Bromomethane	ND	9.9	0.4	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 14:58	2020098	GCN
n-Butylbenzene	ND	9.9	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 14:58	2020098	GCN
sec-Butylbenzene	ND	9.9	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 14:58	2020098	GCN
tert-Butylbenzene	ND	9.9	0.1	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 14:58	2020098	GCN



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

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

Attention: Mr. Bob Schoepke

February 10, 2012

Report No.: AVB0079

Project: Tampa, FL

Client ID: SB-2 (2ft bla)

Lab Number ID: AVB0079-05

Date/Time Sampled: 2/1/2012 2:30:00PM

Date/Time Received: 2/2/2012 10:15:00AM

Matrix: Soil

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Volatile Organic Compounds by EPA 8260											
Carbon Disulfide	ND	9.9	1.1	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 14:58	2020098	GCN
Carbon Tetrachloride	ND	5.0	0.1	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 14:58	2020098	GCN
Chlorobenzene	ND	9.9	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 14:58	2020098	GCN
Chloroethane	ND	5.0	0.7	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 14:58	2020098	GCN
2-Chloroethyl Vinyl Ether	ND	9.9	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 14:58	2020098	GCN
Chloroform	0.2	5.0	0.1	ug/kg dry	EPA 8260B	J	1	02/03/12 12:00	02/03/12 14:58	2020098	GCN
Chloromethane	ND	9.9	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 14:58	2020098	GCN
2-Chlorotoluene	ND	9.9	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 14:58	2020098	GCN
4-Chlorotoluene	ND	9.9	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 14:58	2020098	GCN
Dibromochloromethane	ND	5.0	0.3	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 14:58	2020098	GCN
1,2-Dibromo-3-chloropropane	ND	9.9	0.5	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 14:58	2020098	GCN
1,2-Dibromoethane	ND	9.9	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 14:58	2020098	GCN
Dibromomethane	ND	9.9	0.3	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 14:58	2020098	GCN
1,2-Dichlorobenzene	ND	9.9	0.3	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 14:58	2020098	GCN
1,3-Dichlorobenzene	ND	9.9	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 14:58	2020098	GCN
1,4-Dichlorobenzene	ND	9.9	0.3	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 14:58	2020098	GCN
Dichlorodifluoromethane	ND	9.9	0.1	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 14:58	2020098	GCN
1,1-Dichloroethane	ND	5.0	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 14:58	2020098	GCN
1,2-Dichloroethane	ND	5.0	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 14:58	2020098	GCN
1,1-Dichloroethene	ND	5.0	0.3	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 14:58	2020098	GCN
cis-1,2-Dichloroethene	ND	5.0	0.1	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 14:58	2020098	GCN
trans-1,2-Dichloroethene	ND	5.0	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 14:58	2020098	GCN
1,2-Dichloroethene (total) *	ND	5.0	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 14:58	2020098	GCN
1,2-Dichloropropane	ND	5.0	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 14:58	2020098	GCN



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Elgin IL, 60120

Attention: Mr. Bob Schoepke

February 10, 2012

Report No.: AVB0079

Project: Tampa, FL

Client ID: SB-2 (2ft bis)

Lab Number ID: AVB0079-05

Date/Time Sampled: 2/1/2012 2:30:00PM

Date/Time Received: 2/2/2012 10:15:00AM

Matrix: Soil

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Volatile Organic Compounds by EPA 8260											
1,3-Dichloropropane	ND	5.0	0.3	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 14:58	2020098	GCN
2,2-Dichloropropane	ND	9.9	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 14:58	2020098	GCN
1,1-Dichloropropene	ND	9.9	0.1	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 14:58	2020098	GCN
cis-1,3-Dichloropropene	ND	5.0	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 14:58	2020098	GCN
trans-1,3-Dichloropropene	ND	5.0	0.1	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 14:58	2020098	GCN
Ethylbenzene	ND	5.0	0.1	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 14:58	2020098	GCN
Hexachlorobutadiene	ND	9.9	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 14:58	2020098	GCN
Isopropylbenzene	ND	9.9	0.6	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 14:58	2020098	GCN
p-Isopropyltoluene	ND	9.9	0.1	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 14:58	2020098	GCN
Methyl Butyl Ketone (2-Hexanone)	ND	50	0.4	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 14:58	2020098	GCN
Methylene Chloride	ND	9.9	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 14:58	2020098	GCN
Methyl Ethyl Ketone (2-Butanone)	ND	99	0.7	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 14:58	2020098	GCN
4-Methyl-2-pentanone (MIBK)	ND	50	0.5	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 14:58	2020098	GCN
Naphthalene	ND	9.9	0.4	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 14:58	2020098	GCN
n-Propylbenzene	ND	9.9	0.1	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 14:58	2020098	GCN
Styrene	ND	5.0	0.1	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 14:58	2020098	GCN
1,1,1,2-Tetrachloroethane	ND	9.9	0.1	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 14:58	2020098	GCN
1,1,2,2-Tetrachloroethane	ND	5.0	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 14:58	2020098	GCN
Tetrachloroethene	ND	5.0	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 14:58	2020098	GCN
Toluene	ND	5.0	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 14:58	2020098	GCN
1,2,3-Trichlorobenzene	ND	9.9	0.3	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 14:58	2020098	GCN
1,2,4-Trichlorobenzene	ND	9.9	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 14:58	2020098	GCN
1,1,1-Trichloroethane	ND	5.0	0.1	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 14:58	2020098	GCN
1,1,2-Trichloroethane	ND	5.0	0.3	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 14:58	2020098	GCN



ANALYTICAL SERVICES, INC.

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

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

Attention: Mr. Bob Schoepke

February 10, 2012

Report No.: AVB0079

Project: Tampa, FL

Client ID: 9B-2 (2ft bts)

Lab Number ID: AVB0079-05

Date/Time Sampled: 2/1/2012 2:30:00PM

Date/Time Received: 2/2/2012 10:15:00AM

Matrix: Soil

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Volatile Organic Compounds by EPA 8260											
Trichloroethene	ND	5.0	0.9	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 14:58	2020098	GCN
Trichlorofluoromethane	ND	9.9	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 14:58	2020098	GCN
1,2,3-Trichloropropane	ND	9.9	0.3	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 14:58	2020098	GCN
1,2,4-Trimethylbenzene	ND	9.9	0.1	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 14:58	2020098	GCN
1,3,5-Trimethylbenzene	ND	9.9	0.1	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 14:58	2020098	GCN
Vinyl Acetate	ND	9.9	0.7	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 14:58	2020098	GCN
Vinyl Chloride	ND	9.9	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 14:58	2020098	GCN
m+p-Xylene	ND	5.0	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 14:58	2020098	GCN
o-Xylene	ND	5.0	0.9	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 14:58	2020098	GCN
Xylenes, total	ND	5.0	0.9	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 14:58	2020098	GCN
Surrogate: Dibromofluoromethane	103 %	70-130			EPA 8260B			02/03/12 12:00	02/03/12 14:58	2020098	
Surrogate: 1,2-Dichloroethane-d4	103 %	67-139			EPA 8260B			02/03/12 12:00	02/03/12 14:58	2020098	
Surrogate: Toluene-d8	98 %	74-120			EPA 8260B			02/03/12 12:00	02/03/12 14:58	2020098	
Surrogate: 4-Bromofluorobenzene	101 %	68-140			EPA 8260B			02/03/12 12:00	02/03/12 14:58	2020098	
Semivolatile Organic Compounds by EPA 8270											
Acenaphthene	ND	380	150	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 15:50	2020091	rac
Acenaphthylene	ND	380	150	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 15:50	2020091	rac
Anthracene	ND	380	150	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 15:50	2020091	rac
Benzo(a)anthracene	ND	380	130	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 15:50	2020091	rac
Benzo(a)pyrene	ND	380	140	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 15:50	2020091	rac
Benzo(b)fluoranthene	ND	380	150	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 15:50	2020091	rac
Benzo(ghi)perylene	ND	380	140	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 15:50	2020091	rac
Benzo(k)fluoranthene	ND	380	140	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 15:50	2020091	rac
Benzoic acid	ND	2000	270	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 15:50	2020091	rac



ANALYTICAL SERVICES, INC.

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

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

Attention: Mr. Bob Schoepke

February 10, 2012

Report No.: AVB0079

Project: Tampa, FL

Client ID: SB-2 (2ft bis)

Lab Number ID: AVB0079-05

Date/Time Sampled: 2/1/2012 2:30:00PM

Date/Time Received: 2/2/2012 10:15:00AM

Matrix: Soil

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Semivolatile Organic Compounds by EPA 8270											
Benzyl alcohol	ND	760	180	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 15:50	2020091	rac
Benzyl butyl phthalate	ND	380	220	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 15:50	2020091	rac
4-Bromophenyl phenyl ether	ND	380	160	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 15:50	2020091	rac
Di-n-butyl phthalate	ND	380	170	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 15:50	2020091	rac
4-Chloroaniline	ND	760	170	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 15:50	2020091	rac
Bis(2-chloroethoxy)methane	ND	380	160	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 15:50	2020091	rac
Bis(2-chloroethyl)ether	ND	380	130	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 15:50	2020091	rac
Bis(2-chloroisopropyl)ether	ND	380	140	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 15:50	2020091	rac
4-Chloro-3-methylphenol	ND	380	190	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 15:50	2020091	rac
2-Chloronaphthalene	ND	760	150	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 15:50	2020091	rac
2-Chlorophenol	ND	380	130	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 15:50	2020091	rac
4-Chlorophenyl phenyl ether	ND	380	160	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 15:50	2020091	rac
Chrysene	ND	380	160	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 15:50	2020091	rac
Dibenzo(a,h)anthracene	ND	380	120	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 15:50	2020091	rac
Dibenzofuran	ND	380	140	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 15:50	2020091	rac
1,2-Dichlorobenzene	ND	380	120	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 15:50	2020091	rac
1,3-Dichlorobenzene	ND	380	110	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 15:50	2020091	rac
1,4-Dichlorobenzene	ND	380	120	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 15:50	2020091	rac
3,3'-Dichlorobenzidine	ND	380	170	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 15:50	2020091	rac
2,4-Dichlorophenol	ND	380	180	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 15:50	2020091	rac
Diethyl phthalate	ND	380	150	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 15:50	2020091	rac
2,4-Dimethylphenol	ND	380	130	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 15:50	2020091	rac
Dimethyl phthalate	ND	380	150	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 15:50	2020091	rac
4,6-Dinitro-2-methylphenol	ND	2000	260	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 15:50	2020091	rac



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

Attention: Mr. Bob Schoepke

February 10, 2012

Report No.: AVB0079

Project: Tampa, FL

Client ID: SB-2 (2ft bts)

Lab Number ID: AVB0079-05

Date/Time Sampled: 2/1/2012 2:30:00PM

Date/Time Received: 2/2/2012 10:15:00AM

Matrix: Soil

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Semivolatile Organic Compounds by EPA 8270											
2,4-Dinitrophenol	ND	2000	230	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 15:50	2020091	rac
2,4-Dinitrotoluene	ND	760	190	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 15:50	2020091	rac
2,6-Dinitrotoluene	ND	760	200	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 15:50	2020091	rac
Bis(2-ethylhexyl)phthalate	ND	380	200	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 15:50	2020091	rac
Fluoranthene	230	380	150	ug/kg dry	EPA 8270D	J	1	02/03/12 08:50	02/03/12 15:50	2020091	rac
Fluorene	ND	380	180	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 15:50	2020091	rac
Hexachlorobenzene	ND	380	190	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 15:50	2020091	rac
Hexachlorobutadiene	ND	380	140	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 15:50	2020091	rac
Hexachlorocyclopentadiene	ND	380	180	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 15:50	2020091	rac
Hexachloroethane	ND	380	120	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 15:50	2020091	rac
Indeno(1,2,3-cd)pyrene	ND	380	140	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 15:50	2020091	rac
Isophorone	ND	380	180	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 15:50	2020091	rac
2-Methylnaphthalene	ND	380	150	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 15:50	2020091	rac
3+4-Methylphenol (m+p-cresol)	ND	380	170	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 15:50	2020091	rac
2-Methylphenol (o-cresol)	ND	380	170	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 15:50	2020091	rac
Naphthalene	ND	380	130	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 15:50	2020091	rac
2-Nitroaniline	ND	2000	190	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 15:50	2020091	rac
3-Nitroaniline	ND	2000	210	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 15:50	2020091	rac
4-Nitroaniline	ND	2000	190	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 15:50	2020091	rac
Nitrobenzene	ND	380	130	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 15:50	2020091	rac
2-Nitrophenol	ND	2000	150	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 15:50	2020091	rac
4-Nitrophenol	ND	2000	200	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 15:50	2020091	rac
N-Nitrosodimethylamine	ND	380	130	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 15:50	2020091	rac
N-Nitrosodiphenylamine/Diphenylamine	ND	380	190	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 15:50	2020091	rac



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

Attention: Mr. Bob Schoepke

February 10, 2012

Report No.: AVB0079

Project: Tampa, FL

Client ID: SB-2 (2ft bts)

Lab Number ID: AVB0079-05

Date/Time Sampled: 2/1/2012 2:30:00PM

Date/Time Received: 2/2/2012 10:15:00AM

Matrix: Soil

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Semivolatile Organic Compounds by EPA 8270											
N-Nitrosodi-n-propylamine	ND	380	200	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 15:50	2020091	rac
Di-n-octyl phthalate	ND	380	180	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 15:50	2020091	rac
Pentachlorophenol	ND	760	220	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 15:50	2020091	rac
Phenanthrene	150	380	140	ug/kg dry	EPA 8270D	J	1	02/03/12 08:50	02/03/12 15:50	2020091	rac
Phenol	ND	380	140	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 15:50	2020091	rac
Pyrene	200	380	170	ug/kg dry	EPA 8270D	J	1	02/03/12 08:50	02/03/12 15:50	2020091	rac
1,2,4-Trichlorobenzene	ND	380	140	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 15:50	2020091	rac
2,4,5-Trichlorophenol	ND	380	210	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 15:50	2020091	rac
2,4,6-Trichlorophenol	ND	380	190	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 15:50	2020091	rac
Surrogate: 2-Fluorophenol	53 %	10-91			EPA 8270D			02/03/12 08:50	02/03/12 15:50	2020091	
Surrogate: Phenol-d6	59 %	10-98			EPA 8270D			02/03/12 08:50	02/03/12 15:50	2020091	
Surrogate: Nitrobenzene-d5	49 %	10-100			EPA 8270D			02/03/12 08:50	02/03/12 15:50	2020091	
Surrogate: 2-Fluorobiphenyl	63 %	10-102			EPA 8270D			02/03/12 08:50	02/03/12 15:50	2020091	
Surrogate: 2,4,6-Tribromophenol	72 %	10-189			EPA 8270D			02/03/12 08:50	02/03/12 15:50	2020091	
Surrogate: p-Terphenyl-d14	79 %	10-114			EPA 8270D			02/03/12 08:50	02/03/12 15:50	2020091	



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

Attention: Mr. Bob Schoepke

February 10, 2012

Report No.: AVB0079

Project: Tampa, FL

Client ID: SB-3 (0.5ft bis)

Lab Number ID: AVB0079-06

Date/Time Sampled: 2/1/2012 2:45:00PM

Date/Time Received: 2/2/2012 10:15:00AM

Matrix: Soil

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
General Chemistry											
% Solids	89.2	0.04	0.04	% by Weight	SOP Moisture		1	02/02/12 14:45	02/02/12 14:45	2020027	NJS
Metals, Total											
Arsenic	ND	3.23	0.82	mg/kg dry	EPA 6010C		1	02/07/12 11:45	02/08/12 12:36	2020173	FBS
Barium	31.7	1.08	0.04	mg/kg dry	EPA 6010C		1	02/07/12 11:45	02/08/12 12:36	2020173	FBS
Cadmium	0.09	1.08	0.03	mg/kg dry	EPA 6010C	J	1	02/07/12 11:45	02/08/12 12:36	2020173	FBS
Chromium	5.30	1.08	0.37	mg/kg dry	EPA 6010C		1	02/07/12 11:45	02/08/12 12:36	2020173	FBS
Lead	4.18	2.89	0.57	mg/kg dry	EPA 6010C		1	02/07/12 11:45	02/08/12 12:36	2020173	FBS
Selenium	2.09	4.31	0.98	mg/kg dry	EPA 6010C	J	1	02/07/12 11:45	02/08/12 12:36	2020173	FBS
Silver	ND	1.08	0.12	mg/kg dry	EPA 6010C		1	02/07/12 11:45	02/08/12 12:36	2020173	FBS
Mercury	BRL	0.263	0.009	mg/kg dry	EPA 7471B		1	02/07/12 14:10	02/08/12 13:46	2020164	CSW
Volatile Organic Compounds by EPA 8260											
Acetone	ND	110	1.7	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 15:27	2020098	GCN
Acrolein	ND	53	1.4	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 15:27	2020098	GCN
Acrylonitrile	ND	53	0.4	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 15:27	2020098	GCN
Benzene	ND	5.3	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 15:27	2020098	GCN
Bromobenzene	ND	11	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 15:27	2020098	GCN
Bromochloromethane	ND	11	0.3	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 15:27	2020098	GCN
Bromodichloromethane	ND	11	0.1	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 15:27	2020098	GCN
Bromoform	ND	11	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 15:27	2020098	GCN
Bromomethane	ND	11	0.4	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 15:27	2020098	GCN
n-Butylbenzene	ND	11	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 15:27	2020098	GCN
sec-Butylbenzene	ND	11	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 15:27	2020098	GCN
tert-Butylbenzene	ND	11	0.1	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 15:27	2020098	GCN



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

Attention: Mr. Bob Schoepke

February 10, 2012

Report No.: AVB0079

Project: Tampa, FL

Client ID: SB-3 (0.5ft bts)

Lab Number ID: AVB0079-06

Date/Time Sampled: 2/1/2012 2:45:00PM

Date/Time Received: 2/2/2012 10:15:00AM

Matrix: Soil

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Volatile Organic Compounds by EPA 8260											
Carbon Disulfide	ND	11	1.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 15:27	2020098	GCN
Carbon Tetrachloride	ND	5.3	0.1	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 15:27	2020098	GCN
Chlorobenzene	ND	11	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 15:27	2020098	GCN
Chloroethane	ND	5.3	0.7	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 15:27	2020098	GCN
2-Chloroethyl Vinyl Ether	ND	11	0.3	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 15:27	2020098	GCN
Chloroform	0.3	5.3	0.1	ug/kg dry	EPA 8260B	J	1	02/03/12 12:00	02/03/12 15:27	2020098	GCN
Chloromethane	ND	11	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 15:27	2020098	GCN
2-Chlorotoluene	ND	11	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 15:27	2020098	GCN
4-Chlorotoluene	ND	11	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 15:27	2020098	GCN
Dibromochloromethane	ND	5.3	0.3	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 15:27	2020098	GCN
1,2-Dibromo-3-chloropropane	ND	11	0.6	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 15:27	2020098	GCN
1,2-Dibromoethane	ND	11	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 15:27	2020098	GCN
Dibromomethane	ND	11	0.3	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 15:27	2020098	GCN
1,2-Dichlorobenzene	ND	11	0.3	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 15:27	2020098	GCN
1,3-Dichlorobenzene	ND	11	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 15:27	2020098	GCN
1,4-Dichlorobenzene	ND	11	0.3	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 15:27	2020098	GCN
Dichlorodifluoromethane	ND	11	0.1	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 15:27	2020098	GCN
1,1-Dichloroethane	ND	5.3	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 15:27	2020098	GCN
1,2-Dichloroethane	ND	5.3	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 15:27	2020098	GCN
1,1-Dichloroethene	ND	5.3	0.3	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 15:27	2020098	GCN
cis-1,2-Dichloroethene	ND	5.3	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 15:27	2020098	GCN
trans-1,2-Dichloroethene	ND	5.3	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 15:27	2020098	GCN
1,2-Dichloroethene (total) *	ND	5.3	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 15:27	2020098	GCN
1,2-Dichloropropane	ND	5.3	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 15:27	2020098	GCN



ANALYTICAL SERVICES, INC.

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

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

Attention: Mr. Bob Schoepke

February 10, 2012

Report No.: AVB0079

Project: Tampa, FL

Client ID: SB-3 (0.5ft bla)

Lab Number ID: AVB0079-06

Date/Time Sampled: 2/1/2012 2:45:00PM

Date/Time Received: 2/2/2012 10:15:00AM

Matrix: Soil

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Int.
Volatile Organic Compounds by EPA 8260											
1,3-Dichloropropane	ND	5.3	0.3	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 15:27	2020098	GCN
2,2-Dichloropropane	ND	11	0.3	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 15:27	2020098	GCN
1,1-Dichloropropene	ND	11	0.1	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 15:27	2020098	GCN
cis-1,3-Dichloropropene	ND	5.3	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 15:27	2020098	GCN
trans-1,3-Dichloropropene	ND	5.3	0.1	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 15:27	2020098	GCN
Ethylbenzene	ND	5.3	0.1	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 15:27	2020098	GCN
Hexachlorobutadiene	ND	11	0.3	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 15:27	2020098	GCN
Isopropylbenzene	ND	11	0.7	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 15:27	2020098	GCN
p-Isopropyltoluene	ND	11	0.1	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 15:27	2020098	GCN
Methyl Butyl Ketone (2-Hexanone)	ND	53	0.4	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 15:27	2020098	GCN
Methylene Chloride	ND	11	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 15:27	2020098	GCN
Methyl Ethyl Ketone (2-Butanone)	ND	110	0.7	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 15:27	2020098	GCN
4-Methyl-2-pentanone (MIBK)	ND	53	0.6	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 15:27	2020098	GCN
Naphthalene	ND	11	0.4	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 15:27	2020098	GCN
n-Propylbenzene	ND	11	0.1	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 15:27	2020098	GCN
Styrene	ND	5.3	0.1	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 15:27	2020098	GCN
1,1,1,2-Tetrachloroethane	ND	11	0.1	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 15:27	2020098	GCN
1,1,2,2-Tetrachloroethane	ND	5.3	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 15:27	2020098	GCN
Tetrachloroethene	ND	5.3	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 15:27	2020098	GCN
Toluene	ND	5.3	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 15:27	2020098	GCN
1,2,3-Trichlorobenzene	ND	11	0.3	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 15:27	2020098	GCN
1,2,4-Trichlorobenzene	ND	11	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 15:27	2020098	GCN
1,1,1-Trichloroethane	ND	5.3	0.1	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 15:27	2020098	GCN
1,1,2-Trichloroethane	ND	5.3	0.3	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 15:27	2020098	GCN



ANALYTICAL SERVICES, INC.

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

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

Attention: Mr. Bob Schoepke

February 10, 2012

Report No.: AVB0079

Project: Tampa, FL

Client ID: SB-3 (0.5ft bts)

Lab Number ID: AVB0079-06

Date/Time Sampled: 2/1/2012 2:45:00PM

Date/Time Received: 2/2/2012 10:15:00AM

Matrix: Soil

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Volatile Organic Compounds by EPA 8260											
Trichloroethene	ND	5.3	0.9	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 15:27	2020098	GCN
Trichlorofluoromethane	ND	11	0.3	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 15:27	2020098	GCN
1,2,3-Trichloropropane	ND	11	0.3	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 15:27	2020098	GCN
1,2,4-Trimethylbenzene	ND	11	0.1	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 15:27	2020098	GCN
1,3,5-Trimethylbenzene	ND	11	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 15:27	2020098	GCN
Vinyl Acetate	ND	11	0.7	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 15:27	2020098	GCN
Vinyl Chloride	ND	11	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 15:27	2020098	GCN
m+p-Xylene	ND	5.3	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 15:27	2020098	GCN
o-Xylene	ND	5.3	1.0	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 15:27	2020098	GCN
Xylenes, total	ND	5.3	1.0	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 15:27	2020098	GCN
Surrogate: Dibromofluoromethane	105 %		70-130		EPA 8260B			02/03/12 12:00	02/03/12 15:27	2020098	
Surrogate: 1,2-Dichloroethane-d4	105 %		67-139		EPA 8260B			02/03/12 12:00	02/03/12 15:27	2020098	
Surrogate: Toluene-d8	98 %		74-120		EPA 8260B			02/03/12 12:00	02/03/12 15:27	2020098	
Surrogate: 4-Bromofluorobenzene	102 %		68-140		EPA 8260B			02/03/12 12:00	02/03/12 15:27	2020098	
Semivolatile Organic Compounds by EPA 8270											
Acenaphthene	ND	370	140	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 15:25	2020091	rac
Acenaphthylene	ND	370	150	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 15:25	2020091	rac
Anthracene	ND	370	150	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 15:25	2020091	rac
Benzo(a)anthracene	ND	370	130	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 15:25	2020091	rac
Benzo(a)pyrene	ND	370	130	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 15:25	2020091	rac
Benzo(b)fluoranthene	ND	370	140	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 15:25	2020091	rac
Benzo(ghi)perylene	ND	370	140	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 15:25	2020091	rac
Benzo(k)fluoranthene	ND	370	140	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 15:25	2020091	rac
Benzoic acid	ND	1900	260	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 15:25	2020091	rac



ANALYTICAL SERVICES, INC.

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

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

Attention: Mr. Bob Schoepke

February 10, 2012

Report No.: AVB0079

Project: Tampa, FL

Client ID: SB-3 (0.5ft bis)

Lab Number ID: AVB0079-06

Date/Time Sampled: 2/1/2012 2:45:00PM

Date/Time Received: 2/2/2012 10:15:00AM

Matrix: Soil

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Semivolatile Organic Compounds by EPA 8270											
Benzyl alcohol	ND	730	170	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 15:25	2020091	rac
Benzyl butyl phthalate	ND	370	210	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 15:25	2020091	rac
4-Bromophenyl phenyl ether	ND	370	150	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 15:25	2020091	rac
Di-n-butyl phthalate	ND	370	170	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 15:25	2020091	rac
4-Chloroaniline	ND	730	160	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 15:25	2020091	rac
Bis(2-chloroethoxy)methane	ND	370	150	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 15:25	2020091	rac
Bis(2-chloroethyl)ether	ND	370	120	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 15:25	2020091	rac
Bis(2-chloroisopropyl)ether	ND	370	130	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 15:25	2020091	rac
4-Chloro-3-methylphenol	ND	370	180	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 15:25	2020091	rac
2-Chloronaphthalene	ND	730	150	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 15:25	2020091	rac
2-Chlorophenol	ND	370	130	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 15:25	2020091	rac
4-Chlorophenyl phenyl ether	ND	370	160	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 15:25	2020091	rac
Chrysene	ND	370	150	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 15:25	2020091	rac
Dibenzo(a,h)anthracene	ND	370	120	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 15:25	2020091	rac
Dibenzofuran	ND	370	140	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 15:25	2020091	rac
1,2-Dichlorobenzene	ND	370	120	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 15:25	2020091	rac
1,3-Dichlorobenzene	ND	370	110	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 15:25	2020091	rac
1,4-Dichlorobenzene	ND	370	110	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 15:25	2020091	rac
3,3'-Dichlorobenzidine	ND	370	160	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 15:25	2020091	rac
2,4-Dichlorophenol	ND	370	170	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 15:25	2020091	rac
Diethyl phthalate	ND	370	140	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 15:25	2020091	rac
2,4-Dimethylphenol	ND	370	130	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 15:25	2020091	rac
Dimethyl phthalate	ND	370	140	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 15:25	2020091	rac
4,6-Dinitro-2-methylphenol	ND	1900	250	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 15:25	2020091	rac



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

Attention: Mr. Bob Schoepke

February 10, 2012

Report No.: AVB0079

Project: Tampa, FL

Client ID: SB-3 (0.5ft bts)

Lab Number ID: AVB0079-06

Date/Time Sampled: 2/1/2012 2:45:00PM

Date/Time Received: 2/2/2012 10:15:00AM

Matrix: Soil

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Semivolatile Organic Compounds by EPA 8270											
2,4-Dinitrophenol	ND	1900	220	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 15:25	2020091	rac
2,4-Dinitrotoluene	ND	730	190	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 15:25	2020091	rac
2,6-Dinitrotoluene	ND	730	190	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 15:25	2020091	rac
Bis(2-ethylhexyl)phthalate	ND	370	190	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 15:25	2020091	rac
Fluoranthene	ND	370	140	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 15:25	2020091	rac
Fluorene	ND	370	170	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 15:25	2020091	rac
Hexachlorobenzene	ND	370	180	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 15:25	2020091	rac
Hexachlorobutadiene	ND	370	130	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 15:25	2020091	rac
Hexachlorocyclopentadiene	ND	370	170	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 15:25	2020091	rac
Hexachloroethane	ND	370	120	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 15:25	2020091	rac
Indeno(1,2,3-cd)pyrene	ND	370	130	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 15:25	2020091	rac
Isophorone	ND	370	170	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 15:25	2020091	rac
2-Methylnaphthalene	ND	370	150	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 15:25	2020091	rac
3+4-Methylphenol (m+p-cresol)	ND	370	170	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 15:25	2020091	rac
2-Methylphenol (o-cresol)	ND	370	160	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 15:25	2020091	rac
Naphthalene	ND	370	130	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 15:25	2020091	rac
2-Nitroaniline	ND	1900	180	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 15:25	2020091	rac
3-Nitroaniline	ND	1900	200	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 15:25	2020091	rac
4-Nitroaniline	ND	1900	180	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 15:25	2020091	rac
Nitrobenzene	ND	370	120	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 15:25	2020091	rac
2-Nitrophenol	ND	1900	150	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 15:25	2020091	rac
4-Nitrophenol	ND	1900	200	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 15:25	2020091	rac
N-Nitrosodimethylamine	ND	370	120	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 15:25	2020091	rac
N-Nitrosodiphenylamine/Diphenylamine	ND	370	180	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 15:25	2020091	rac



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

Attention: Mr. Bob Schoepke

February 10, 2012

Report No.: AVB0079

Project: Tampa, FL

Client ID: SB-3 (0.5ft bts)

Lab Number ID: AVB0079-06

Date/Time Sampled: 2/1/2012 2:45:00PM

Date/Time Received: 2/2/2012 10:15:00AM

Matrix: Soil

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Semivolatile Organic Compounds by EPA 8270											
N-Nitrosodi-n-propylamine	ND	370	190	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 15:25	2020091	rac
Di-n-octyl phthalate	ND	370	170	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 15:25	2020091	rac
Pentachlorophenol	ND	730	210	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 15:25	2020091	rac
Phenanthrene	ND	370	130	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 15:25	2020091	rac
Phenol	ND	370	140	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 15:25	2020091	rac
Pyrene	ND	370	160	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 15:25	2020091	rac
1,2,4-Trichlorobenzene	ND	370	130	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 15:25	2020091	rac
2,4,5-Trichlorophenol	ND	370	200	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 15:25	2020091	rac
2,4,6-Trichlorophenol	ND	370	180	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 15:25	2020091	rac
Surrogate: 2-Fluorophenol	50 %	10-91			EPA 8270D			02/03/12 08:50	02/03/12 15:25	2020091	
Surrogate: Phenol-d6	53 %	10-98			EPA 8270D			02/03/12 08:50	02/03/12 15:25	2020091	
Surrogate: Nitrobenzene-d5	45 %	10-100			EPA 8270D			02/03/12 08:50	02/03/12 15:25	2020091	
Surrogate: 2-Fluorobiphenyl	59 %	10-102			EPA 8270D			02/03/12 08:50	02/03/12 15:25	2020091	
Surrogate: 2,4,6-Tribromophenol	71 %	10-189			EPA 8270D			02/03/12 08:50	02/03/12 15:25	2020091	
Surrogate: p-Terphenyl-d14	74 %	10-114			EPA 8270D			02/03/12 08:50	02/03/12 15:25	2020091	



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

Attention: Mr. Bob Schoepke

February 10, 2012

Report No.: AVB0079

Project: Tampa, FL

Client ID: SB-3 (2ft bts)

Lab Number ID: AVB0079-07

Date/Time Sampled: 2/1/2012 2:55:00PM

Date/Time Received: 2/2/2012 10:15:00AM

Matrix: Soil

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
General Chemistry											
% Solids	90.5	0.04	0.04	% by Weight	SOP Moisture		1	02/02/12 14:45	02/02/12 14:45	2020027	NJS
Metals, Total											
Arsenic	ND	3.07	0.78	mg/kg dry	EPA 8010C		1	02/07/12 11:45	02/08/12 12:40	2020173	FBS
Barium	14.4	1.02	0.04	mg/kg dry	EPA 8010C		1	02/07/12 11:45	02/08/12 12:40	2020173	FBS
Cadmium	0.05	1.02	0.03	mg/kg dry	EPA 8010C	J	1	02/07/12 11:45	02/08/12 12:40	2020173	FBS
Chromium	3.83	1.02	0.35	mg/kg dry	EPA 8010C		1	02/07/12 11:45	02/08/12 12:40	2020173	FBS
Lead	1.39	2.56	0.54	mg/kg dry	EPA 8010C	J	1	02/07/12 11:45	02/08/12 12:40	2020173	FBS
Selenium	2.04	4.09	0.91	mg/kg dry	EPA 8010C	J	1	02/07/12 11:45	02/08/12 12:40	2020173	FBS
Silver	ND	1.02	0.12	mg/kg dry	EPA 8010C		1	02/07/12 11:45	02/08/12 12:40	2020173	FBS
Mercury	BRL	0.255	0.009	mg/kg dry	EPA 7471B		1	02/07/12 14:10	02/08/12 13:54	2020164	CSW
Volatile Organic Compounds by EPA 8260											
Acetone	ND	97	1.6	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 15:56	2020098	GCN
Acrolein	ND	49	1.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 15:56	2020098	GCN
Acrylonitrile	ND	49	0.4	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 15:56	2020098	GCN
Benzene	ND	4.9	0.1	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 15:56	2020098	GCN
Bromobenzene	ND	9.7	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 15:56	2020098	GCN
Bromochloromethane	ND	9.7	0.3	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 15:56	2020098	GCN
Bromodichloromethane	ND	9.7	0.1	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 15:56	2020098	GCN
Bromoform	ND	9.7	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 15:56	2020098	GCN
Bromomethane	ND	9.7	0.4	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 15:56	2020098	GCN
n-Butylbenzene	ND	9.7	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 15:56	2020098	GCN
sec-Butylbenzene	ND	9.7	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 15:56	2020098	GCN
tert-Butylbenzene	ND	9.7	0.1	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 15:56	2020098	GCN



ANALYTICAL SERVICES, INC.

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

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

Attention: Mr. Bob Schoepke

February 10, 2012

Report No.: AVB0079

Project: Tampa, FL

Client ID: SB-3 (2ft bts)

Lab Number ID: AVB0079-07

Date/Time Sampled: 2/1/2012 2:55:00PM

Date/Time Received: 2/2/2012 10:15:00AM

Matrix: Soil

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Volatile Organic Compounds by EPA 8260											
Carbon Disulfide	ND	9.7	1.1	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 15:56	2020098 GCN	
Carbon Tetrachloride	ND	4.9	0.1	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 15:56	2020098 GCN	
Chlorobenzene	ND	9.7	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 15:56	2020098 GCN	
Chloroethane	ND	4.9	0.6	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 15:56	2020098 GCN	
2-Chloroethyl Vinyl Ether	ND	9.7	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 15:56	2020098 GCN	
Chloroform	0.1	4.9	0.1	ug/kg dry	EPA 8260B	J	1	02/03/12 12:00	02/03/12 15:56	2020098 GCN	
Chloromethane	ND	9.7	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 15:56	2020098 GCN	
2-Chlorotoluene	ND	9.7	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 15:56	2020098 GCN	
4-Chlorotoluene	ND	9.7	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 15:56	2020098 GCN	
Dibromochloromethane	ND	4.9	0.3	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 15:56	2020098 GCN	
1,2-Dibromo-3-chloropropane	ND	9.7	0.5	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 15:56	2020098 GCN	
1,2-Dibromoethane	ND	9.7	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 15:56	2020098 GCN	
Dibromomethane	ND	9.7	0.3	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 15:56	2020098 GCN	
1,2-Dichlorobenzene	ND	9.7	0.3	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 15:56	2020098 GCN	
1,3-Dichlorobenzene	ND	9.7	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 15:56	2020098 GCN	
1,4-Dichlorobenzene	0.4	9.7	0.3	ug/kg dry	EPA 8260B	J	1	02/03/12 12:00	02/03/12 15:56	2020098 GCN	
Dichlorodifluoromethane	ND	9.7	0.1	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 15:56	2020098 GCN	
1,1-Dichloroethane	ND	4.9	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 15:56	2020098 GCN	
1,2-Dichloroethane	ND	4.9	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 15:56	2020098 GCN	
1,1-Dichloroethene	ND	4.9	0.3	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 15:56	2020098 GCN	
cis-1,2-Dichloroethene	ND	4.9	0.1	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 15:56	2020098 GCN	
trans-1,2-Dichloroethene	ND	4.9	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 15:56	2020098 GCN	
1,2-Dichloroethene (total) *	ND	4.9	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 15:56	2020098 GCN	
1,2-Dichloropropane	ND	4.9	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 15:56	2020098 GCN	



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Elgin IL, 60120

Attention: Mr. Bob Schoepke

February 10, 2012

Report No.: AVB0079

Project: Tampa, FL

Client ID: SB-3 (2ft bts)

Lab Number ID: AVB0079-07

Date/Time Sampled: 2/1/2012 2:55:00PM

Date/Time Received: 2/2/2012 10:15:00AM

Matrix: Soil

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Volatile Organic Compounds by EPA 8260											
1,3-Dichloropropane	ND	4.9	0.3	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 15:56	2020098	GCN
2,2-Dichloropropane	ND	9.7	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 15:56	2020098	GCN
1,1-Dichloropropene	ND	9.7	0.1	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 15:56	2020098	GCN
cis-1,3-Dichloropropene	ND	4.9	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 15:56	2020098	GCN
trans-1,3-Dichloropropene	ND	4.9	0.1	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 15:56	2020098	GCN
Ethylbenzene	ND	4.9	0.1	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 15:56	2020098	GCN
Hexachlorobutadiene	ND	9.7	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 15:56	2020098	GCN
Isopropylbenzene	ND	9.7	0.6	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 15:56	2020098	GCN
p-Isopropyltoluene	ND	9.7	0.1	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 15:56	2020098	GCN
Methyl Butyl Ketone (2-Hexanone)	ND	49	0.4	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 15:56	2020098	GCN
Methylene Chloride	ND	9.7	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 15:56	2020098	GCN
Methyl Ethyl Ketone (2-Butanone)	ND	97	0.7	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 15:56	2020098	GCN
4-Methyl-2-pentanone (MIBK)	ND	49	0.5	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 15:56	2020098	GCN
Naphthalene	ND	9.7	0.4	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 15:56	2020098	GCN
n-Propylbenzene	ND	9.7	0.1	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 15:56	2020098	GCN
Styrene	ND	4.9	0.1	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 15:56	2020098	GCN
1,1,1,2-Tetrachloroethane	ND	9.7	0.1	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 15:56	2020098	GCN
1,1,2,2-Tetrachloroethane	ND	4.9	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 15:56	2020098	GCN
Tetrachloroethene	ND	4.9	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 15:56	2020098	GCN
Toluene	ND	4.9	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 15:56	2020098	GCN
1,2,3-Trichlorobenzene	ND	9.7	0.3	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 15:56	2020098	GCN
1,2,4-Trichlorobenzene	ND	9.7	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 15:56	2020098	GCN
1,1,1-Trichloroethane	ND	4.9	0.1	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 15:56	2020098	GCN
1,1,2-Trichloroethane	ND	4.9	0.3	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 15:56	2020098	GCN



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Elgin IL, 60120

Attention: Mr. Bob Schoepke

February 10, 2012

Report No.: AVB0079

Project: Tampa, FL

Client ID: SB-3 (2ft bts)

Lab Number ID: AVB0079-07

Date/Time Sampled: 2/1/2012 2:55:00PM

Date/Time Received: 2/2/2012 10:15:00AM

Matrix: Soil

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Volatile Organic Compounds by EPA 8260											
Trichloroethene	ND	4.9	0.8	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 15:56	2020098	GCN
Trichlorofluoromethane	ND	9.7	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 15:56	2020098	GCN
1,2,3-Trichloropropane	ND	9.7	0.3	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 15:56	2020098	GCN
1,2,4-Trimethylbenzene	ND	9.7	0.1	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 15:56	2020098	GCN
1,3,5-Trimethylbenzene	ND	9.7	0.1	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 15:56	2020098	GCN
Vinyl Acetate	ND	9.7	0.7	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 15:56	2020098	GCN
Vinyl Chloride	ND	9.7	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 15:56	2020098	GCN
m+p-Xylene	ND	4.9	0.2	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 15:56	2020098	GCN
o-Xylene	ND	4.9	0.9	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 15:56	2020098	GCN
Xylenes, total	ND	4.9	0.9	ug/kg dry	EPA 8260B		1	02/03/12 12:00	02/03/12 15:56	2020098	GCN
Surrogate: Dibromofluoromethane	105 %	70-130			EPA 8260B			02/03/12 12:00	02/03/12 15:56	2020098	
Surrogate: 1,2-Dichloroethane-d4	103 %	67-139			EPA 8260B			02/03/12 12:00	02/03/12 15:56	2020098	
Surrogate: Toluene-d8	97 %	74-120			EPA 8260B			02/03/12 12:00	02/03/12 15:56	2020098	
Surrogate: 4-Bromofluorobenzene	100 %	68-140			EPA 8260B			02/03/12 12:00	02/03/12 15:56	2020098	
Semivolatile Organic Compounds by EPA 8270											
Acenaphthene	ND	360	140	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:50	2020091	rac
Acenaphthylene	ND	360	140	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:50	2020091	rac
Anthracene	ND	360	150	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:50	2020091	rac
Benzo(a)anthracene	ND	360	120	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:50	2020091	rac
Benzo(a)pyrene	ND	360	130	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:50	2020091	rac
Benzo(b)fluoranthene	ND	360	140	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:50	2020091	rac
Benzo(ghi)perylene	ND	360	130	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:50	2020091	rac
Benzo(k)fluoranthene	ND	360	130	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:50	2020091	rac
Benzoic acid	ND	1800	250	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:50	2020091	rac



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Attention: Mr. Bob Schoepke

February 10, 2012

Report No.: AVB0079

Project: Tampa, FL

Client ID: SB-3 (2ft bis)

Lab Number ID: AVB0079-07

Date/Time Sampled: 2/1/2012 2:55:00PM

Date/Time Received: 2/2/2012 10:15:00AM

Matrix: Soil

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Semivolatile Organic Compounds by EPA 8270											
Benzyl alcohol	ND	720	170	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:50	2020091	rac
Benzyl butyl phthalate	ND	360	210	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:50	2020091	rac
4-Bromophenyl phenyl ether	ND	360	150	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:50	2020091	rac
Di-n-butyl phthalate	ND	360	160	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:50	2020091	rac
4-Chloroaniline	ND	720	160	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:50	2020091	rac
Bis(2-chloroethoxy)methane	ND	360	150	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:50	2020091	rac
Bis(2-chloroethyl)ether	ND	360	120	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:50	2020091	rac
Bis(2-chloroisopropyl)ether	ND	360	130	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:50	2020091	rac
4-Chloro-3-methylphenol	ND	360	180	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:50	2020091	rac
2-Chloronaphthalene	ND	720	140	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:50	2020091	rac
2-Chlorophenol	ND	360	130	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:50	2020091	rac
4-Chlorophenyl phenyl ether	ND	360	150	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:50	2020091	rac
Chrysene	ND	360	150	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:50	2020091	rac
Dibenzo(a,h)anthracene	ND	360	120	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:50	2020091	rac
Dibenzofuran	ND	360	130	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:50	2020091	rac
1,2-Dichlorobenzene	ND	360	110	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:50	2020091	rac
1,3-Dichlorobenzene	ND	360	110	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:50	2020091	rac
1,4-Dichlorobenzene	ND	360	110	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:50	2020091	rac
3,3'-Dichlorobenzidine	ND	360	160	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:50	2020091	rac
2,4-Dichlorophenol	ND	360	170	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:50	2020091	rac
Diethyl phthalate	ND	360	140	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:50	2020091	rac
2,4-Dimethylphenol	ND	360	120	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:50	2020091	rac
Dimethyl phthalate	ND	360	140	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:50	2020091	rac
4,6-Dinitro-2-methylphenol	ND	1800	240	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:50	2020091	rac



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Matrix: Soil

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Semivolatile Organic Compounds by EPA 8270											
2,4-Dinitrophenol	ND	1800	210	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:50	2020091	rac
2,4-Dinitrotoluene	ND	720	180	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:50	2020091	rac
2,6-Dinitrotoluene	ND	720	190	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:50	2020091	rac
Bis(2-ethylhexyl)phthalate	ND	360	190	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:50	2020091	rac
Fluoranthene	ND	360	140	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:50	2020091	rac
Fluorene	ND	360	170	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:50	2020091	rac
Hexachlorobenzene	ND	360	180	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:50	2020091	rac
Hexachlorobutadiene	ND	360	130	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:50	2020091	rac
Hexachlorocyclopentadiene	ND	360	170	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:50	2020091	rac
Hexachloroethane	ND	360	110	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:50	2020091	rac
Indeno(1,2,3-cd)pyrene	ND	360	130	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:50	2020091	rac
Isophorone	ND	360	170	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:50	2020091	rac
2-Methylnaphthalene	ND	360	140	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:50	2020091	rac
3+4-Methylphenol (m+p-cresol)	ND	360	160	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:50	2020091	rac
2-Methylphenol (o-cresol)	ND	360	160	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:50	2020091	rac
Naphthalene	ND	360	120	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:50	2020091	rac
2-Nitroaniline	ND	1800	180	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:50	2020091	rac
3-Nitroaniline	ND	1800	190	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:50	2020091	rac
4-Nitroaniline	ND	1800	180	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:50	2020091	rac
Nitrobenzene	ND	360	120	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:50	2020091	rac
2-Nitrophenol	ND	1800	140	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:50	2020091	rac
4-Nitrophenol	ND	1800	190	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:50	2020091	rac
N-Nitrosodimethylamine	ND	360	120	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:50	2020091	rac
N-Nitrosodiphenylamine/Diphenylamine	ND	360	170	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:50	2020091	rac



ANALYTICAL SERVICES, INC.

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

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

Attention: Mr. Bob Schoepke

February 10, 2012

Report No.: AVB0079

Project: Tampa, FL

Client ID: SB-3 (2ft bis)

Lab Number ID: AVB0079-07

Date/Time Sampled: 2/1/2012 2:55:00PM

Date/Time Received: 2/2/2012 10:15:00AM

Matrix: Soil

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Semivolatile Organic Compounds by EPA 8270											
N-Nitrosodi-n-propylamine	ND	360	190	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:50	2020091	rac
Di-n-octyl phthalate	ND	360	170	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:50	2020091	rac
Pentachlorophenol	ND	720	200	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:50	2020091	rac
Phenanthrene	ND	360	130	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:50	2020091	rac
Phenol	ND	360	130	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:50	2020091	rac
Pyrene	ND	360	160	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:50	2020091	rac
1,2,4-Trichlorobenzene	ND	360	130	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:50	2020091	rac
2,4,5-Trichlorophenol	ND	360	200	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:50	2020091	rac
2,4,6-Trichlorophenol	ND	360	180	ug/kg dry	EPA 8270D		1	02/03/12 08:50	02/03/12 14:50	2020091	rac
Surrogate: 2-Fluorophenol	64 %	10-91			EPA 8270D			02/03/12 08:50	02/03/12 14:50	2020091	
Surrogate: Phenol-d6	71 %	10-98			EPA 8270D			02/03/12 08:50	02/03/12 14:50	2020091	
Surrogate: Nitrobenzene-d5	63 %	10-100			EPA 8270D			02/03/12 08:50	02/03/12 14:50	2020091	
Surrogate: 2-Fluorobiphenyl	79 %	10-102			EPA 8270D			02/03/12 08:50	02/03/12 14:50	2020091	
Surrogate: 2,4,6-Tribromophenol	83 %	10-189			EPA 8270D			02/03/12 08:50	02/03/12 14:50	2020091	
Surrogate: p-Terphenyl-d14	87 %	10-114			EPA 8270D			02/03/12 08:50	02/03/12 14:50	2020091	



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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

February 10, 2012

Report No.: AVB0079

Project: Tampa, FL

Client ID: Trip Blank

Lab Number ID: AVB0079-08

Date/Time Sampled: 2/1/2012 12:00:00AM

Date/Time Received: 2/2/2012 10:15:00AM

Matrix: Water

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Volatile Organic Compounds by EPA 8260											
Acetone	ND	100	3.8	ug/L	EPA 8260B		1	02/02/12 17:00	02/02/12 19:23	2020055 GMM	
Acrolein	ND	14	2.4	ug/L	EPA 8260B		1	02/02/12 17:00	02/02/12 19:23	2020055 GMM	
Acrylonitrile	ND	4.0	1.3	ug/L	EPA 8260B		1	02/02/12 17:00	02/02/12 19:23	2020055 GMM	
Allyl Chloride (3-Chloropropylene)	ND	10	0.6	ug/L	EPA 8260B		1	02/02/12 17:00	02/02/12 19:23	2020055 GMM	
Benzene	ND	1.0	0.3	ug/L	EPA 8260B		1	02/02/12 17:00	02/02/12 19:23	2020055 GMM	
Bromobenzene	ND	10	0.4	ug/L	EPA 8260B		1	02/02/12 17:00	02/02/12 19:23	2020055 GMM	
Bromochloromethane	ND	10	0.4	ug/L	EPA 8260B		1	02/02/12 17:00	02/02/12 19:23	2020055 GMM	
Bromodichloromethane	ND	1.0	0.2	ug/L	EPA 8260B		1	02/02/12 17:00	02/02/12 19:23	2020055 GMM	
Bromoform	ND	4.4	0.5	ug/L	EPA 8260B		1	02/02/12 17:00	02/02/12 19:23	2020055 GMM	
Bromomethane	ND	9.8	1.3	ug/L	EPA 8260B		1	02/02/12 17:00	02/02/12 19:23	2020055 GMM	
n-Butylbenzene	ND	10	0.2	ug/L	EPA 8260B		1	02/02/12 17:00	02/02/12 19:23	2020055 GMM	
sec-Butylbenzene	ND	10	0.4	ug/L	EPA 8260B		1	02/02/12 17:00	02/02/12 19:23	2020055 GMM	
tert-Butylbenzene	ND	10	0.4	ug/L	EPA 8260B		1	02/02/12 17:00	02/02/12 19:23	2020055 GMM	
Carbon Disulfide	ND	10	0.4	ug/L	EPA 8260B		1	02/02/12 17:00	02/02/12 19:23	2020055 GMM	
Carbon Tetrachloride	ND	2.0	0.3	ug/L	EPA 8260B		1	02/02/12 17:00	02/02/12 19:23	2020055 GMM	
Chlorobenzene	ND	10	0.5	ug/L	EPA 8260B		1	02/02/12 17:00	02/02/12 19:23	2020055 GMM	
1-Chlorobutane	ND	10	0.5	ug/L	EPA 8260B		1	02/02/12 17:00	02/02/12 19:23	2020055 GMM	
Chloroethane	ND	5.0	0.6	ug/L	EPA 8260B		1	02/02/12 17:00	02/02/12 19:23	2020055 GMM	
2-Chloroethyl Vinyl Ether	ND	10	0.6	ug/L	EPA 8260B		1	02/02/12 17:00	02/02/12 19:23	2020055 GMM	
Chloroform	ND	2.0	0.6	ug/L	EPA 8260B		1	02/02/12 17:00	02/02/12 19:23	2020055 GMM	
Chloromethane	ND	2.7	0.4	ug/L	EPA 8260B		1	02/02/12 17:00	02/02/12 19:23	2020055 GMM	
2-Chlorotoluene	ND	10	0.4	ug/L	EPA 8260B		1	02/02/12 17:00	02/02/12 19:23	2020055 GMM	
4-Chlorotoluene	ND	10	0.4	ug/L	EPA 8260B		1	02/02/12 17:00	02/02/12 19:23	2020055 GMM	
Dibromochloromethane	ND	1.0	0.2	ug/L	EPA 8260B		1	02/02/12 17:00	02/02/12 19:23	2020055 GMM	
1,2-Dibromo-3-chloropropane	ND	5.0	1.3	ug/L	EPA 8260B		1	02/02/12 17:00	02/02/12 19:23	2020055 GMM	
1,2-Dibromoethane	ND	2.0	0.3	ug/L	EPA 8260B		1	02/02/12 17:00	02/02/12 19:23	2020055 GMM	
Dibromomethane	ND	10	0.5	ug/L	EPA 8260B		1	02/02/12 17:00	02/02/12 19:23	2020055 GMM	
1,2-Dichlorobenzene	ND	10	0.6	ug/L	EPA 8260B		1	02/02/12 17:00	02/02/12 19:23	2020055 GMM	
1,3-Dichlorobenzene	ND	10	0.6	ug/L	EPA 8260B		1	02/02/12 17:00	02/02/12 19:23	2020055 GMM	
1,4-Dichlorobenzene	ND	10	0.6	ug/L	EPA 8260B		1	02/02/12 17:00	02/02/12 19:23	2020055 GMM	
trans-1,4-Dichloro-2-butene	ND	5.0	1.2	ug/L	EPA 8260B		1	02/02/12 17:00	02/02/12 19:23	2020055 GMM	
Dichlorodifluoromethane	ND	10	0.5	ug/L	EPA 8260B		1	02/02/12 17:00	02/02/12 19:23	2020055 GMM	



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

Attention: Mr. Bob Schoepke

February 10, 2012

Report No.: AVB0079

Project: Tampa, FL

Client ID: Trip Blank

Lab Number ID: AVB0079-08

Date/Time Sampled: 2/1/2012 12:00:00AM

Date/Time Received: 2/2/2012 10:15:00AM

Matrix: Water

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Volatile Organic Compounds by EPA 8260											
1,1-Dichloroethane	ND	2.0	0.3	ug/L	EPA 8260B		1	02/02/12 17:00	02/02/12 19:23	2020055 GMM	
1,2-Dichloroethane	ND	2.0	0.4	ug/L	EPA 8260B		1	02/02/12 17:00	02/02/12 19:23	2020055 GMM	
1,1-Dichloroethene	ND	2.0	0.4	ug/L	EPA 8260B		1	02/02/12 17:00	02/02/12 19:23	2020055 GMM	
cis-1,2-Dichloroethene	ND	2.0	0.4	ug/L	EPA 8260B		1	02/02/12 17:00	02/02/12 19:23	2020055 GMM	
trans-1,2-Dichloroethene	ND	2.0	0.3	ug/L	EPA 8260B		1	02/02/12 17:00	02/02/12 19:23	2020055 GMM	
1,2-Dichloroethene (total)	ND	2.0	0.4	ug/L	EPA 8260B		1	02/02/12 17:00	02/02/12 19:23	2020055 GMM	
1,2-Dichloropropane	ND	2.0	0.3	ug/L	EPA 8260B		1	02/02/12 17:00	02/02/12 19:23	2020055 GMM	
1,3-Dichloropropane	ND	2.0	0.3	ug/L	EPA 8260B		1	02/02/12 17:00	02/02/12 19:23	2020055 GMM	
2,2-Dichloropropane	ND	10	0.2	ug/L	EPA 8260B		1	02/02/12 17:00	02/02/12 19:23	2020055 GMM	
1,1-Dichloropropene	ND	10	0.4	ug/L	EPA 8260B		1	02/02/12 17:00	02/02/12 19:23	2020055 GMM	
cis-1,3-Dichloropropene	ND	1.0	0.2	ug/L	EPA 8260B		1	02/02/12 17:00	02/02/12 19:23	2020055 GMM	
trans-1,3-Dichloropropene	ND	2.0	0.2	ug/L	EPA 8260B		1	02/02/12 17:00	02/02/12 19:23	2020055 GMM	
Ethylbenzene	ND	2.0	0.3	ug/L	EPA 8260B		1	02/02/12 17:00	02/02/12 19:23	2020055 GMM	
Ethyl Methacrylate	ND	10	0.6	ug/L	EPA 8260B		1	02/02/12 17:00	02/02/12 19:23	2020055 GMM	
Hexachlorobutadiene	ND	2.0	1.0	ug/L	EPA 8260B		1	02/02/12 17:00	02/02/12 19:23	2020055 GMM	
p-Isopropyltoluene	ND	10	0.4	ug/L	EPA 8260B		1	02/02/12 17:00	02/02/12 19:23	2020055 GMM	
Hexachloroethane	ND	4.0	1.2	ug/L	EPA 8260B		1	02/02/12 17:00	02/02/12 19:23	2020055 GMM	
Iodomethane	ND	10	0.5	ug/L	EPA 8260B		1	02/02/12 17:00	02/02/12 19:23	2020055 GMM	
Isopropylbenzene	ND	10	0.4	ug/L	EPA 8260B		1	02/02/12 17:00	02/02/12 19:23	2020055 GMM	
Methacrylonitrile	ND	5.0	1.4	ug/L	EPA 8260B		1	02/02/12 17:00	02/02/12 19:23	2020055 GMM	
Methyl Acrylate	ND	10	0.6	ug/L	EPA 8260B		1	02/02/12 17:00	02/02/12 19:23	2020055 GMM	
Methyl Butyl Ketone (2-Hexanone)	ND	10	1.1	ug/L	EPA 8260B		1	02/02/12 17:00	02/02/12 19:23	2020055 GMM	
Methylene Chloride	ND	5.0	0.6	ug/L	EPA 8260B		1	02/02/12 17:00	02/02/12 19:23	2020055 GMM	
Methyl Ethyl Ketone (2-Butanone)	ND	100	1.8	ug/L	EPA 8260B		1	02/02/12 17:00	02/02/12 19:23	2020055 GMM	
Methyl Methacrylate	ND	10	0.6	ug/L	EPA 8260B		1	02/02/12 17:00	02/02/12 19:23	2020055 GMM	
4-Methyl-2-pentanone (MIBK)	ND	10	1.1	ug/L	EPA 8260B		1	02/02/12 17:00	02/02/12 19:23	2020055 GMM	
Methyl-tert-Butyl Ether	ND	10	0.4	ug/L	EPA 8260B		1	02/08/12 11:00	02/08/12 19:39	2020055 GMM	
Naphthalene	ND	10	0.4	ug/L	EPA 8260B		1	02/02/12 17:00	02/02/12 19:23	2020055 GMM	
2-Nitropropane	ND	10	1.2	ug/L	EPA 8260B		1	02/02/12 17:00	02/02/12 19:23	2020055 GMM	
Propionitrile (Ethyl Cyanide)	ND	20	1.6	ug/L	EPA 8260B		1	02/02/12 17:00	02/02/12 19:23	2020055 GMM	
n-Propylbenzene	ND	10	0.4	ug/L	EPA 8260B		1	02/02/12 17:00	02/02/12 19:23	2020055 GMM	
Styrene	ND	5.0	0.3	ug/L	EPA 8260B		1	02/02/12 17:00	02/02/12 19:23	2020055 GMM	



ANALYTICAL SERVICES, INC.

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

Attention: Mr. Bob Schoepke

February 10, 2012

Report No.: AVB0079

Project: Tampa, FL

Client ID: Trip Blank

Lab Number ID: AVB0079-08

Date/Time Sampled: 2/1/2012 12:00:00AM

Date/Time Received: 2/2/2012 10:15:00AM

Matrix: Water

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Int.
Volatile Organic Compounds by EPA 8260											
1,1,1,2-Tetrachloroethane	ND	1.3	0.3	ug/L	EPA 8260B		1	02/02/12 17:00	02/02/12 19:23	2020055	GMM
1,1,2,2-Tetrachloroethane	ND	1.0	0.4	ug/L	EPA 8260B		1	02/02/12 17:00	02/02/12 19:23	2020055	GMM
Tetrachloroethane	ND	2.0	0.4	ug/L	EPA 8260B		1	02/02/12 17:00	02/02/12 19:23	2020055	GMM
Toluene	ND	2.0	0.4	ug/L	EPA 8260B		1	02/02/12 17:00	02/02/12 19:23	2020055	GMM
1,2,3-Trichlorobenzene	ND	10	0.7	ug/L	EPA 8260B		1	02/02/12 17:00	02/02/12 19:23	2020055	GMM
1,2,4-Trichlorobenzene	ND	10	0.5	ug/L	EPA 8260B		1	02/02/12 17:00	02/02/12 19:23	2020055	GMM
1,1,1-Trichloroethane	ND	2.0	0.3	ug/L	EPA 8260B		1	02/02/12 17:00	02/02/12 19:23	2020055	GMM
1,1,2-Trichloroethane	ND	2.0	0.7	ug/L	EPA 8260B		1	02/02/12 17:00	02/02/12 19:23	2020055	GMM
Trichloroethene	ND	2.0	0.3	ug/L	EPA 8260B		1	02/02/12 17:00	02/02/12 19:23	2020055	GMM
Trichlorofluoromethane	ND	10	0.3	ug/L	EPA 8260B		1	02/02/12 17:00	02/02/12 19:23	2020055	GMM
1,2,3-Trichloropropane	ND	1.0	0.7	ug/L	EPA 8260B		1	02/02/12 17:00	02/02/12 19:23	2020055	GMM
1,2,4-Trimethylbenzene	ND	10	0.4	ug/L	EPA 8260B		1	02/02/12 17:00	02/02/12 19:23	2020055	GMM
1,3,5-Trimethylbenzene	ND	10	0.3	ug/L	EPA 8260B		1	02/02/12 17:00	02/02/12 19:23	2020055	GMM
Vinyl Acetate	ND	10	0.2	ug/L	EPA 8260B		1	02/02/12 17:00	02/02/12 19:23	2020055	GMM
Vinyl Chloride	ND	1.0	0.2	ug/L	EPA 8260B		1	02/02/12 17:00	02/02/12 19:23	2020055	GMM
m+p-Xylene	ND	5.0	0.6	ug/L	EPA 8260B		1	02/02/12 17:00	02/02/12 19:23	2020055	GMM
o-Xylene	ND	5.0	0.3	ug/L	EPA 8260B		1	02/02/12 17:00	02/02/12 19:23	2020055	GMM
Xylenes, total	ND	5.0	0.6	ug/L	EPA 8260B		1	02/02/12 17:00	02/02/12 19:23	2020055	GMM
Surrogate: Dibromofluoromethane	87 %	75-123			EPA 8260B			02/08/12 11:00	02/08/12 19:39	2020055	
Surrogate: Dibromofluoromethane	101 %	75-123			EPA 8260B			02/02/12 17:00	02/02/12 19:23	2020055	
Surrogate: 1,2-Dichloroethane-d4	100 %	72-120			EPA 8260B			02/02/12 17:00	02/02/12 19:23	2020055	
Surrogate: 1,2-Dichloroethane-d4	101 %	72-120			EPA 8260B			02/08/12 11:00	02/08/12 19:39	2020055	
Surrogate: Toluene-d8	85 %	75-120			EPA 8260B			02/08/12 11:00	02/08/12 19:39	2020055	
Surrogate: Toluene-d8	97 %	75-120			EPA 8260B			02/02/12 17:00	02/02/12 19:23	2020055	
Surrogate: 4-Bromofluorobenzene	94 %	80-120			EPA 8260B			02/02/12 17:00	02/02/12 19:23	2020055	
Surrogate: 4-Bromofluorobenzene	92 %	80-120			EPA 8260B			02/08/12 11:00	02/08/12 19:39	2020055	



ANALYTICAL SERVICES, INC.

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

Attention: Mr. Bob Schoepke

February 10, 2012

Report No.: AVB0079

General Chemistry - Quality Control

Analyte	Result	RL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2020027 - % Solids											
Duplicate (2020027-DUP1)			Source: AVB0051-04			Prepared & Analyzed: 02/02/12					
% Solids	81.4	0.04	0.04	% by Weight		81.3			0.04	10	
Duplicate (2020027-DUP2)			Source: AVB0079-02			Prepared & Analyzed: 02/02/12					
% Solids	94.0	0.04	0.04	% by Weight		93.6			0.4	10	



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Elgin IL, 60120

Attention: Mr. Bob Schoepke

February 10, 2012

Report No.: AVB0079

Metals, Total - Quality Control

Analyte	Result	RL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2020162 - EPA 7470A											
Blank (2020162-BLK1)						Prepared & Analyzed: 02/07/12					
Mercury	ND	0.0005	0.00009	mg/L							
Blank (2020162-BLK2)						Prepared & Analyzed: 02/08/12					
Mercury	ND	0.0005	0.00009	mg/L							
LCS (2020162-BS1)						Prepared & Analyzed: 02/07/12					
Mercury	0.0023	0.0005	0.00009	mg/L	2.5000E-3		90	80-120			
LCS (2020162-BS2)						Prepared & Analyzed: 02/08/12					
Mercury	0.0028	0.0005	0.00009	mg/L	2.5000E-3		103	80-120			
Matrix Spike (2020162-MS1)						Source: AVB0079-01		Prepared & Analyzed: 02/07/12			
Mercury	0.0022	0.0005	0.00009	mg/L	2.5000E-3	ND	87	75-125			
Matrix Spike Dup (2020162-MSD1)						Source: AVB0079-01		Prepared & Analyzed: 02/07/12			
Mercury	0.0023	0.0005	0.00009	mg/L	2.5000E-3	ND	90	75-125	4	20	
Post Spike (2020162-PS1)						Source: AVB0079-01		Prepared & Analyzed: 02/07/12			
Mercury	1.53			ug/L	1.6667	0.0094	91	80-120			
Batch 2020164 - EPA 7471B											
Blank (2020164-BLK1)						Prepared: 02/07/12 Analyzed: 02/08/12					
Mercury	ND	0.250	0.009	mg/kg wet							
LCS (2020164-BS1)						Prepared: 02/07/12 Analyzed: 02/08/12					
Mercury	0.316	0.250	0.009	mg/kg wet	0.33333		95	80-120			



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Elgin IL, 60120

Attention: Mr. Bob Schoepke

February 10, 2012

Report No.: AVB0079

Metals, Total - Quality Control

Analyte	Result	RL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2020164 - EPA 7471B											
LCS (2020164-BS2)						Prepared & Analyzed: 02/08/12					
Mercury	0.330	0.250	0.009	mg/kg wet	0.33333		99	80-120			
Matrix Spike (2020164-MS1)						Source: AVB0079-04		Prepared: 02/07/12 Analyzed: 02/08/12			
Mercury	0.478	0.304	0.011	mg/kg dry	0.40478	0.082	98	80-120			
Matrix Spike Dup (2020164-MSD1)						Source: AVB0079-04		Prepared: 02/07/12 Analyzed: 02/08/12			
Mercury	0.494	0.304	0.011	mg/kg dry	0.40478	0.082	102	80-120	3	20	
Post Spike (2020164-PS1)						Source: AVB0079-04		Prepared: 02/07/12 Analyzed: 02/08/12			
Mercury	2.56			ug/L	2.0000	0.404	108	80-120			
Batch 2020173 - EPA 3050B											
Blank (2020173-BLK1)						Prepared: 02/07/12 Analyzed: 02/08/12					
Arsenic	0.84	3.00	0.76	mg/kg wet							J
Barium	ND	1.00	0.04	mg/kg wet							
Cadmium	ND	1.00	0.03	mg/kg wet							
Chromium	ND	1.00	0.35	mg/kg wet							
Lead	ND	2.50	0.53	mg/kg wet							
Selenium	1.67	4.00	0.89	mg/kg wet							J
Silver	ND	1.00	0.11	mg/kg wet							
Blank (2020173-BLK2)						Prepared & Analyzed: 02/08/12					
Arsenic	ND	3.00	0.76	mg/kg wet							
Barium	ND	1.00	0.04	mg/kg wet							
Cadmium	ND	1.00	0.03	mg/kg wet							
Chromium	ND	1.00	0.35	mg/kg wet							
Lead	ND	2.50	0.53	mg/kg wet							
Selenium	1.48	4.00	0.89	mg/kg wet							J
Silver	ND	1.00	0.11	mg/kg wet							



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Metals, Total - Quality Control

Analyte	Result	RL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2020173 - EPA 3050B											
LCS (2020173-BS1)						Prepared: 02/07/12 Analyzed: 02/08/12					
Arsenic	91.8	3.00	0.76	mg/kg wet	100.00		92	80-120			
Barium	95.3	1.00	0.04	mg/kg wet	100.00		95	80-120			
Cadmium	95.2	1.00	0.03	mg/kg wet	100.00		95	80-120			
Chromium	94.7	1.00	0.35	mg/kg wet	100.00		95	80-120			
Lead	93.7	2.50	0.53	mg/kg wet	100.00		94	80-120			
Selenium	95.4	4.00	0.89	mg/kg wet	100.00		95	80-120			
Silver	95.9	1.00	0.11	mg/kg wet	100.00		96	80-120			
LCS (2020173-BS2)						Prepared & Analyzed: 02/08/12					
Arsenic	92.7	3.00	0.76	mg/kg wet	100.00		93	80-120			
Barium	94.9	1.00	0.04	mg/kg wet	100.00		95	80-120			
Cadmium	94.3	1.00	0.03	mg/kg wet	100.00		94	80-120			
Chromium	94.9	1.00	0.35	mg/kg wet	100.00		95	80-120			
Lead	92.7	2.50	0.53	mg/kg wet	100.00		93	80-120			
Selenium	93.6	4.00	0.89	mg/kg wet	100.00		94	80-120			
Silver	96.0	1.00	0.11	mg/kg wet	100.00		96	80-120			
Matrix Spike (2020173-MS1)						Source: AVB0112-01	Prepared: 02/07/12 Analyzed: 02/08/12				
Arsenic	102	3.48	0.88	mg/kg dry	115.88	1.69	87	75-125			
Barium	179	1.16	0.05	mg/kg dry	115.88	59.1	103	75-125			
Cadmium	110	1.16	0.03	mg/kg dry	115.88	2.04	93	75-125			
Chromium	160	1.16	0.40	mg/kg dry	115.88	38.1	105	75-125			
Lead	121	2.90	0.61	mg/kg dry	115.88	12.7	94	75-125			
Selenium	105	4.64	1.03	mg/kg dry	115.88	1.56	90	75-125			
Silver	111	1.16	0.13	mg/kg dry	115.88	ND	95	75-125			
Matrix Spike Dup (2020173-MSD1)						Source: AVB0112-01	Prepared: 02/07/12 Analyzed: 02/08/12				
Arsenic	100	3.48	0.88	mg/kg dry	115.88	1.69	85	75-125	2	20	
Barium	168	1.16	0.05	mg/kg dry	115.88	59.1	94	75-125	6	20	
Cadmium	109	1.16	0.03	mg/kg dry	115.88	2.04	92	75-125	1	20	
Chromium	159	1.16	0.40	mg/kg dry	115.88	38.1	104	75-125	1	20	
Lead	117	2.90	0.61	mg/kg dry	115.88	12.7	90	75-125	3	20	
Selenium	102	4.64	1.03	mg/kg dry	115.88	1.56	87	75-125	3	20	
Silver	111	1.16	0.13	mg/kg dry	115.88	ND	96	75-125	0.5	20	



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Metals, Total - Quality Control

Analyte	Result	RL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2020173 - EPA 3050B											
Post Spike (2020173-PS1)				Source: AVB0112-01			Prepared: 02/07/12 Analyzed: 02/08/12				
Arsenic	0.88			mg/kg	1.0000	0.01	88	80-120			
Barium	1.55			mg/kg	1.0000	0.51	104	80-120			
Cadmium	0.93			mg/kg	1.0000	0.02	92	80-120			
Chromium	1.38			mg/kg	1.0000	0.33	103	80-120			
Lead	1.03			mg/kg	1.0000	0.11	92	80-120			
Selenium	0.89			mg/kg	1.0000	0.01	88	80-120			
Silver	0.95			mg/kg	1.0000	-0.005	98	80-120			
Batch 2020190 - EPA 3005A											
Blank (2020190-BLK1)				Prepared & Analyzed: 02/08/12							
Arsenic	ND	0.0050	0.0015	mg/L							
Barium	ND	0.0050	0.00008	mg/L							
Cadmium	ND	0.0005	0.00007	mg/L							
Chromium	0.0008	0.0050	0.0005	mg/L							J
Lead	ND	0.0010	0.0002	mg/L							
Selenium	ND	0.0050	0.0008	mg/L							
Silver	ND	0.0050	0.0001	mg/L							
LCS (2020190-BS1)				Prepared & Analyzed: 02/08/12							
Arsenic	0.0999	0.0050	0.0015	mg/L	0.10000		100	80-120			
Barium	0.104	0.0050	0.00008	mg/L	0.10000		104	80-120			
Cadmium	0.103	0.0005	0.00007	mg/L	0.10000		103	80-120			
Chromium	0.101	0.0050	0.0005	mg/L	0.10000		101	80-120			
Lead	0.101	0.0010	0.0002	mg/L	0.10000		101	80-120			
Selenium	0.101	0.0050	0.0008	mg/L	0.10000		101	80-120			
Silver	0.102	0.0050	0.0001	mg/L	0.10000		102	80-120			



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Metals, Total - Quality Control

Analyte	Result	RL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2020190 - EPA 3005A											
Matrix Spike (2020190-MS1)			Source: AVB0201-03			Prepared & Analyzed: 02/08/12					
Arsenic	0.0959	0.0050	0.0015	mg/L	0.10000	ND	96	75-125			
Barium	0.111	0.0050	0.00008	mg/L	0.10000	0.0053	105	75-125			
Cadmium	0.102	0.0005	0.00007	mg/L	0.10000	ND	102	75-125			
Chromium	0.0972	0.0050	0.0005	mg/L	0.10000	ND	97	75-125			
Lead	0.100	0.0010	0.0002	mg/L	0.10000	ND	100	75-125			
Selenium	0.0960	0.0050	0.0008	mg/L	0.10000	ND	96	75-125			
Silver	0.101	0.0050	0.0001	mg/L	0.10000	ND	101	75-125			
Matrix Spike Dup (2020190-MSD1)			Source: AVB0201-03			Prepared & Analyzed: 02/08/12					
Arsenic	0.0947	0.0050	0.0015	mg/L	0.10000	ND	95	75-125	1	20	
Barium	0.110	0.0050	0.00008	mg/L	0.10000	0.0053	105	75-125	0.4	20	
Cadmium	0.100	0.0005	0.00007	mg/L	0.10000	ND	100	75-125	2	20	
Chromium	0.0960	0.0050	0.0005	mg/L	0.10000	ND	96	75-125	1	20	
Lead	0.100	0.0010	0.0002	mg/L	0.10000	ND	100	75-125	0.4	20	
Selenium	0.0944	0.0050	0.0008	mg/L	0.10000	ND	94	75-125	2	20	
Silver	0.0988	0.0050	0.0001	mg/L	0.10000	ND	99	75-125	2	20	
Post Spike (2020190-PS1)			Source: AVB0201-03			Prepared & Analyzed: 02/08/12					
Arsenic	95.8			ug/L	100.00	0.260	96	80-120			
Barium	110			ug/L	100.00	5.30	105	80-120			
Cadmium	102			ug/L	100.00	ND	102	80-120			
Chromium	96.5			ug/L	100.00	-0.230	97	80-120			
Lead	102			ug/L	100.00	0.0100	102	80-120			
Selenium	95.4			ug/L	100.00	-0.190	96	80-120			
Silver	102			ug/L	100.00	ND	102	80-120			



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February 10, 2012

Report No.: AVB0079

Volatile Organic Compounds by EPA 8260 - Quality Control

Analyte	Result	RL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2020055 - EPA 5030B											
Blank (2020055-BLK1)						Prepared & Analyzed: 02/02/12					
Acetone	ND	100	3.8	ug/L							
Acrolein	ND	14	2.4	ug/L							
Acrylonitrile	ND	4.0	1.3	ug/L							
Allyl Chloride (3-Chloropropylene)	ND	10	0.6	ug/L							
Benzene	ND	1.0	0.3	ug/L							
Bromobenzene	ND	10	0.4	ug/L							
Bromochloromethane	ND	10	0.4	ug/L							
Bromodichloromethane	ND	1.0	0.2	ug/L							
Bromoform	ND	4.4	0.5	ug/L							
Bromomethane	ND	9.8	1.3	ug/L							
n-Butylbenzene	ND	10	0.2	ug/L							
sec-Butylbenzene	ND	10	0.4	ug/L							
tert-Butylbenzene	ND	10	0.4	ug/L							
Carbon Disulfide	ND	10	0.4	ug/L							
Carbon Tetrachloride	ND	2.0	0.3	ug/L							
Chlorobenzene	ND	10	0.5	ug/L							
1-Chlorobutane	ND	10	0.5	ug/L							
Chloroethane	ND	5.0	0.6	ug/L							
2-Chloroethyl Vinyl Ether	ND	10	0.6	ug/L							
Chloroform	ND	2.0	0.6	ug/L							
Chloromethane	ND	2.7	0.4	ug/L							
2-Chlorotoluene	ND	10	0.4	ug/L							
4-Chlorotoluene	ND	10	0.4	ug/L							
Dibromochloromethane	ND	1.0	0.2	ug/L							
1,2-Dibromo-3-chloropropane	ND	5.0	1.3	ug/L							
1,2-Dibromoethane	ND	2.0	0.3	ug/L							
Dibromomethane	ND	10	0.5	ug/L							
1,2-Dichlorobenzene	ND	10	0.6	ug/L							
1,3-Dichlorobenzene	ND	10	0.6	ug/L							
1,4-Dichlorobenzene	ND	10	0.6	ug/L							
trans-1,4-Dichloro-2-butene	ND	5.0	1.2	ug/L							
Dichlorodifluoromethane	ND	10	0.5	ug/L							
1,1-Dichloroethane	ND	2.0	0.3	ug/L							
1,2-Dichloroethane	ND	2.0	0.4	ug/L							
1,1-Dichloroethene	ND	2.0	0.4	ug/L							
cis-1,2-Dichloroethene	ND	2.0	0.4	ug/L							
trans-1,2-Dichloroethene	ND	2.0	0.3	ug/L							
1,2-Dichloroethene (total)	ND	2.0	0.4	ug/L							
1,2-Dichloropropane	ND	2.0	0.3	ug/L							



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Analyte	Result	RL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2020055 - EPA 5030B											
Blank (2020055-BLK1)						Prepared & Analyzed: 02/02/12					
1,3-Dichloropropane	ND	2.0	0.3	ug/L							
2,2-Dichloropropane	ND	10	0.2	ug/L							
1,1-Dichloropropane	ND	10	0.4	ug/L							
cis-1,3-Dichloropropane	ND	1.0	0.2	ug/L							
trans-1,3-Dichloropropane	ND	2.0	0.2	ug/L							
Ethylbenzene	ND	2.0	0.3	ug/L							
Ethyl Methacrylate	ND	10	0.6	ug/L							
Hexachlorobutadiene	ND	2.0	1.0	ug/L							
p-Isopropyltoluene	ND	10	0.4	ug/L							
Hexachloroethane	ND	4.0	1.2	ug/L							
Iodomethane	ND	10	0.5	ug/L							
Isopropylbenzene	ND	10	0.4	ug/L							
Methacrylonitrile	ND	5.0	1.4	ug/L							
Methyl Acrylate	ND	10	0.6	ug/L							
Methyl Butyl Ketone (2-Hexanone)	ND	10	1.1	ug/L							
Methylene Chloride	ND	5.0	0.6	ug/L							
Methyl Ethyl Ketone (2-Butanone)	ND	100	1.8	ug/L							
Methyl Methacrylate	ND	10	0.6	ug/L							
4-Methyl-2-pentanone (MIBK)	ND	10	1.1	ug/L							
Methyl-tert-Butyl Ether	ND	10	0.4	ug/L							
Naphthalene	ND	10	0.4	ug/L							
2-Nitropropane	ND	10	1.2	ug/L							
Propionitrile (Ethyl Cyanide)	ND	20	1.6	ug/L							
n-Propylbenzene	ND	10	0.4	ug/L							
Styrene	ND	5.0	0.3	ug/L							
1,1,1,2-Tetrachloroethane	ND	1.3	0.3	ug/L							
1,1,2,2-Tetrachloroethane	ND	1.0	0.4	ug/L							
Tetrachloroethene	ND	2.0	0.4	ug/L							
Toluene	ND	2.0	0.4	ug/L							
1,2,3-Trichlorobenzene	ND	10	0.7	ug/L							
1,2,4-Trichlorobenzene	ND	10	0.5	ug/L							
1,1,1-Trichloroethane	ND	2.0	0.3	ug/L							
1,1,2-Trichloroethane	ND	2.0	0.7	ug/L							
Trichloroethene	ND	2.0	0.3	ug/L							
Trichlorofluoromethane	ND	10	0.3	ug/L							
1,2,3-Trichloropropane	ND	1.0	0.7	ug/L							
1,2,4-Trimethylbenzene	ND	10	0.4	ug/L							
1,3,5-Trimethylbenzene	ND	10	0.3	ug/L							
Vinyl Acetate	ND	10	0.2	ug/L							



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Analyte	Result	RL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2020055 - EPA 5030B											
Blank (2020055-BLK1)						Prepared & Analyzed: 02/02/12					
Vinyl Chloride	ND	1.0	0.2	ug/L							
m+p-Xylene	ND	5.0	0.6	ug/L							
o-Xylene	ND	5.0	0.3	ug/L							
Xylenes, total	ND	5.0	0.6	ug/L							
Surrogate: Dibromofluoromethane	52			ug/L	50.000		103	75-123			
Surrogate: 1,2-Dichloroethane-d4	51			ug/L	50.000		101	72-120			
Surrogate: Toluene-d8	49			ug/L	50.000		99	75-120			
Surrogate: 4-Bromofluorobenzene	47			ug/L	50.000		94	80-120			
Blank (2020055-BLK2)						Prepared & Analyzed: 02/06/12					
Acetone	ND	100	3.8	ug/L							
Acrolein	ND	14	2.4	ug/L							
Acrylonitrile	ND	4.0	1.3	ug/L							
Allyl Chloride (3-Chloropropylene)	ND	10	0.6	ug/L							
Benzene	ND	1.0	0.3	ug/L							
Bromobenzene	ND	10	0.4	ug/L							
Bromochloromethane	ND	10	0.4	ug/L							
Bromodichloromethane	ND	1.0	0.2	ug/L							
Bromoform	ND	4.4	0.5	ug/L							
Bromomethane	ND	9.8	1.3	ug/L							
n-Butylbenzene	ND	10	0.2	ug/L							
sec-Butylbenzene	ND	10	0.4	ug/L							
tert-Butylbenzene	ND	10	0.4	ug/L							
Carbon Disulfide	ND	10	0.4	ug/L							
Carbon Tetrachloride	ND	2.0	0.3	ug/L							
Chlorobenzene	ND	10	0.5	ug/L							
1-Chlorobutane	ND	10	0.5	ug/L							
Chloroethane	ND	5.0	0.6	ug/L							
2-Chloroethyl Vinyl Ether	ND	10	0.6	ug/L							
Chloroform	ND	2.0	0.6	ug/L							
Chloromethane	ND	2.7	0.4	ug/L							
2-Chlorotoluene	ND	10	0.4	ug/L							
4-Chlorotoluene	ND	10	0.4	ug/L							
Dibromochloromethane	ND	1.0	0.2	ug/L							
1,2-Dibromo-3-chloropropane	ND	5.0	1.3	ug/L							
1,2-Dibromoethane	ND	2.0	0.3	ug/L							
Dibromomethane	ND	10	0.5	ug/L							
1,2-Dichlorobenzene	ND	10	0.6	ug/L							
1,3-Dichlorobenzene	ND	10	0.6	ug/L							
1,4-Dichlorobenzene	ND	10	0.6	ug/L							



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Volatile Organic Compounds by EPA 8260 - Quality Control

Analyte	Result	RL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2020055 - EPA 5030B											
Blank (2020055-BLK2)						Prepared & Analyzed: 02/06/12					
trans-1,4-Dichloro-2-butene	ND	5.0	1.2	ug/L							
Dichlorodifluoromethane	ND	10	0.5	ug/L							
1,1-Dichloroethane	ND	2.0	0.3	ug/L							
1,2-Dichloroethane	ND	2.0	0.4	ug/L							
1,1-Dichloroethene	ND	2.0	0.4	ug/L							
cis-1,2-Dichloroethene	ND	2.0	0.4	ug/L							
trans-1,2-Dichloroethene	ND	2.0	0.3	ug/L							
1,2-Dichloroethene (total)	ND	2.0	0.4	ug/L							
1,2-Dichloropropene	ND	2.0	0.3	ug/L							
1,3-Dichloropropene	ND	2.0	0.3	ug/L							
2,2-Dichloropropene	ND	10	0.2	ug/L							
1,1-Dichloropropene	ND	10	0.4	ug/L							
cis-1,3-Dichloropropene	ND	1.0	0.2	ug/L							
trans-1,3-Dichloropropene	ND	2.0	0.2	ug/L							
Ethylbenzene	ND	2.0	0.3	ug/L							
Ethyl Methacrylate	ND	10	0.6	ug/L							
Hexachlorobutadiene	ND	2.0	1.0	ug/L							
p-Isopropyltoluene	ND	10	0.4	ug/L							
Hexachloroethane	ND	4.0	1.2	ug/L							
Iodomethane	ND	10	0.5	ug/L							
Isopropylbenzene	ND	10	0.4	ug/L							
Methacrylonitrile	ND	5.0	1.4	ug/L							
Methyl Acrylate	ND	10	0.6	ug/L							
Methyl Butyl Ketone (2-Hexanone)	ND	10	1.1	ug/L							
Methylene Chloride	ND	5.0	0.6	ug/L							
Methyl Ethyl Ketone (2-Butanone)	ND	100	1.8	ug/L							
Methyl Methacrylate	ND	10	0.6	ug/L							
4-Methyl-2-pentanone (MIBK)	ND	10	1.1	ug/L							
Methyl-tert-Butyl Ether	ND	10	0.4	ug/L							
Naphthalene	ND	10	0.4	ug/L							
2-Nitropropane	ND	10	1.2	ug/L							
Propionitrile (Ethyl Cyanide)	ND	20	1.6	ug/L							
n-Propylbenzene	ND	10	0.4	ug/L							
Styrene	ND	5.0	0.3	ug/L							
1,1,1,2-Tetrachloroethane	ND	1.3	0.3	ug/L							
1,1,2,2-Tetrachloroethane	ND	1.0	0.4	ug/L							
Tetrachloroethene	ND	2.0	0.4	ug/L							
Toluene	ND	2.0	0.4	ug/L							
1,2,3-Trichlorobenzene	ND	10	0.7	ug/L							



ANALYTICAL SERVICES, INC.

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

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

Attention: Mr. Bob Schoepke

February 10, 2012

Report No.: AVB0079

Volatile Organic Compounds by EPA 8260 - Quality Control

Analyte	Result	RL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2020055 - EPA 5030B											
Blank (2020055-BLK2)						Prepared & Analyzed: 02/06/12					
1,2,4-Trichlorobenzene	ND	10	0.5	ug/L							
1,1,1-Trichloroethane	ND	2.0	0.3	ug/L							
1,1,2-Trichloroethane	ND	2.0	0.7	ug/L							
Trichloroethene	ND	2.0	0.3	ug/L							
Trichlorofluoromethane	ND	10	0.3	ug/L							
1,2,3-Trichloropropane	ND	1.0	0.7	ug/L							
1,2,4-Trimethylbenzene	ND	10	0.4	ug/L							
1,3,5-Trimethylbenzene	ND	10	0.3	ug/L							
Vinyl Acetate	ND	10	0.2	ug/L							
Vinyl Chloride	ND	1.0	0.2	ug/L							
m+p-Xylene	ND	5.0	0.6	ug/L							
o-Xylene	ND	5.0	0.3	ug/L							
Xylenes, total	ND	5.0	0.6	ug/L							
Surrogate: Dibromofluoromethane	43			ug/L	50.000		87	75-123			
Surrogate: 1,2-Dichloroethane-d4	50			ug/L	50.000		100	72-120			
Surrogate: Toluene-d8	42			ug/L	50.000		85	75-120			
Surrogate: 4-Bromofluorobenzene	45			ug/L	50.000		89	80-120			
LCS (2020055-BS1)						Prepared & Analyzed: 02/02/12					
Benzene	50			ug/L	50.000		100	80-120			
Chlorobenzene	47			ug/L	50.000		95	80-120			
1,1-Dichloroethene	50			ug/L	50.000		100	77-121			
Toluene	46			ug/L	50.000		92	78-120			
Trichloroethene	53			ug/L	50.000		107	80-122			
Surrogate: Dibromofluoromethane	52			ug/L	50.000		104	75-123			
Surrogate: 1,2-Dichloroethane-d4	51			ug/L	50.000		103	72-120			
Surrogate: Toluene-d8	49			ug/L	50.000		98	75-120			
Surrogate: 4-Bromofluorobenzene	47			ug/L	50.000		94	80-120			



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February 10, 2012

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Volatile Organic Compounds by EPA 8260 - Quality Control

Analyte	Result	RL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2020055 - EPA 5030B											
Matrix Spike (2020055-MS1)				Source: AVB0044-02RE1			Prepared & Analyzed: 02/06/12				
Benzene	43			ug/L	50.000	ND	86	80-123			
Chlorobenzene	41			ug/L	50.000	0.5	82	75-120			
1,1-Dichloroethene	46			ug/L	50.000	ND	93	80-120			
Toluene	42			ug/L	50.000	1.2	82	80-120			
Trichloroethene	49			ug/L	50.000	5.5	87	80-125			
Surrogate: Dibromofluoromethane	41			ug/L	50.000		82	75-123			
Surrogate: 1,2-Dichloroethane-d4	50			ug/L	50.000		100	72-120			
Surrogate: Toluene-d8	43			ug/L	50.000		86	75-120			
Surrogate: 4-Bromofluorobenzene	45			ug/L	50.000		90	80-120			
Matrix Spike Dup (2020055-MSD1)				Source: AVB0044-02RE1			Prepared & Analyzed: 02/06/12				
Benzene	42			ug/L	50.000	ND	85	80-123	0.9	9	
Chlorobenzene	40			ug/L	50.000	0.5	80	75-120	3	13	
1,1-Dichloroethene	46			ug/L	50.000	ND	92	80-120	0.2	9	
Toluene	41			ug/L	50.000	1.2	80	80-120	2	9	
Trichloroethene	48			ug/L	50.000	5.5	85	80-125	2	11	
Surrogate: Dibromofluoromethane	43			ug/L	50.000		86	75-123			
Surrogate: 1,2-Dichloroethane-d4	50			ug/L	50.000		99	72-120			
Surrogate: Toluene-d8	42			ug/L	50.000		84	75-120			
Surrogate: 4-Bromofluorobenzene	46			ug/L	50.000		92	80-120			
Batch 2020098 - EPA 5035											
Blank (2020098-BLK1)				Prepared & Analyzed: 02/03/12							
Acetone	2.6	100	1.6	ug/kg wet							J
Acrolein	ND	50	1.3	ug/kg wet							
Acrylonitrile	ND	50	0.4	ug/kg wet							
Benzene	ND	5.0	0.2	ug/kg wet							
Bromobenzene	ND	10	0.2	ug/kg wet							
Bromochloromethane	ND	10	0.3	ug/kg wet							
Bromodichloromethane	ND	10	0.1	ug/kg wet							
Bromoform	ND	10	0.2	ug/kg wet							
Bromomethane	ND	10	0.4	ug/kg wet							
n-Butylbenzene	ND	10	0.2	ug/kg wet							
sec-Butylbenzene	ND	10	0.2	ug/kg wet							
tert-Butylbenzene	ND	10	0.1	ug/kg wet							
Carbon Disulfide	ND	10	1.1	ug/kg wet							
Carbon Tetrachloride	ND	5.0	0.1	ug/kg wet							
Chlorobenzene	ND	10	0.2	ug/kg wet							
Chloroethane	ND	5.0	0.7	ug/kg wet							
2-Chloroethyl Vinyl Ether	ND	10	0.2	ug/kg wet							



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Volatile Organic Compounds by EPA 8260 - Quality Control

Analyte	Result	RL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2020098 - EPA 5035											
Blank (2020098-BLK1)						Prepared & Analyzed: 02/03/12					
Chloroform	0.1	5.0	0.1	ug/kg wet							J
Chloromethane	ND	10	0.2	ug/kg wet							
2-Chlorotoluene	ND	10	0.2	ug/kg wet							
4-Chlorotoluene	ND	10	0.2	ug/kg wet							
Dibromochloromethane	ND	5.0	0.3	ug/kg wet							
1,2-Dibromo-3-chloropropane	ND	10	0.5	ug/kg wet							
1,2-Dibromoethane	ND	10	0.2	ug/kg wet							
Dibromomethane	ND	10	0.3	ug/kg wet							
1,2-Dichlorobenzene	ND	10	0.3	ug/kg wet							
1,3-Dichlorobenzene	ND	10	0.2	ug/kg wet							
1,4-Dichlorobenzene	ND	10	0.3	ug/kg wet							
Dichlorodifluoromethane	ND	10	0.1	ug/kg wet							
1,1-Dichloroethane	ND	5.0	0.2	ug/kg wet							
1,2-Dichloroethane	ND	5.0	0.2	ug/kg wet							
1,1-Dichloroethene	ND	5.0	0.3	ug/kg wet							
cis-1,2-Dichloroethene	ND	5.0	0.2	ug/kg wet							
trans-1,2-Dichloroethene	ND	5.0	0.2	ug/kg wet							
1,2-Dichloroethene (total)	ND	5.0	0.2	ug/kg wet							
1,2-Dichloropropane	ND	5.0	0.2	ug/kg wet							
1,3-Dichloropropane	ND	5.0	0.3	ug/kg wet							
2,2-Dichloropropane	ND	10	0.2	ug/kg wet							
1,1-Dichloropropene	ND	10	0.1	ug/kg wet							
cis-1,3-Dichloropropene	ND	5.0	0.2	ug/kg wet							
trans-1,3-Dichloropropene	ND	5.0	0.1	ug/kg wet							
Ethylbenzene	ND	5.0	0.1	ug/kg wet							
Hexachlorobutadiene	ND	10	0.2	ug/kg wet							
Isopropylbenzene	ND	10	0.6	ug/kg wet							
p-Isopropyltoluene	ND	10	0.1	ug/kg wet							
Methyl Butyl Ketone (2-Hexanone)	ND	50	0.4	ug/kg wet							
Methylene Chloride	ND	10	0.2	ug/kg wet							
Methyl Ethyl Ketone (2-Butanone)	0.9	100	0.7	ug/kg wet							J
4-Methyl-2-pentanone (MIBK)	ND	50	0.6	ug/kg wet							
Naphthalene	2.4	10	0.4	ug/kg wet							J
n-Propylbenzene	ND	10	0.1	ug/kg wet							
Styrene	ND	5.0	0.1	ug/kg wet							
1,1,1,2-Tetrachloroethane	ND	10	0.1	ug/kg wet							
1,1,2,2-Tetrachloroethane	ND	5.0	0.2	ug/kg wet							
Tetrachloroethene	ND	5.0	0.2	ug/kg wet							
Toluene	ND	5.0	0.2	ug/kg wet							



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Analyte	Result	RL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2020098 - EPA 5035											
Blank (2020098-BLK1)						Prepared & Analyzed: 02/03/12					
1,2,3-Trichlorobenzene	ND	10	0.3	ug/kg wet							
1,2,4-Trichlorobenzene	ND	10	0.2	ug/kg wet							
1,1,1-Trichloroethane	ND	5.0	0.1	ug/kg wet							
1,1,2-Trichloroethane	ND	5.0	0.3	ug/kg wet							
Trichloroethene	ND	5.0	0.9	ug/kg wet							
Trichlorofluoromethane	ND	10	0.2	ug/kg wet							
1,2,3-Trichloropropane	ND	10	0.3	ug/kg wet							
1,2,4-Trimethylbenzene	ND	10	0.1	ug/kg wet							
1,3,5-Trimethylbenzene	ND	10	0.2	ug/kg wet							
Vinyl Acetate	ND	10	0.7	ug/kg wet							
Vinyl Chloride	ND	10	0.2	ug/kg wet							
m+p-Xylene	ND	5.0	0.2	ug/kg wet							
o-Xylene	ND	5.0	0.9	ug/kg wet							
Xylenes, total	ND	5.0	0.9	ug/kg wet							
Surrogate: Dibromofluoromethane	52			ug/kg	50.000		103	70-130			
Surrogate: 1,2-Dichloroethane-d4	52			ug/kg	50.000		103	67-139			
Surrogate: Toluene-d8	48			ug/kg	50.000		98	74-120			
Surrogate: 4-Bromofluorobenzene	51			ug/kg	50.000		102	68-140			
Blank (2020098-BLK2)						Prepared & Analyzed: 02/06/12					
Acetone	4.8	100	1.6	ug/kg wet							J
Acrolein	ND	50	1.3	ug/kg wet							
Acrylonitrile	ND	50	0.4	ug/kg wet							
Benzene	ND	5.0	0.2	ug/kg wet							
Bromobenzene	ND	10	0.2	ug/kg wet							
Bromochloromethane	ND	10	0.3	ug/kg wet							
Bromodichloromethane	ND	10	0.1	ug/kg wet							
Bromoform	ND	10	0.2	ug/kg wet							
Bromomethane	ND	10	0.4	ug/kg wet							
n-Butylbenzene	ND	10	0.2	ug/kg wet							
sec-Butylbenzene	ND	10	0.2	ug/kg wet							
tert-Butylbenzene	ND	10	0.1	ug/kg wet							
Carbon Disulfide	ND	10	1.1	ug/kg wet							
Carbon Tetrachloride	ND	5.0	0.1	ug/kg wet							
Chlorobenzene	ND	10	0.2	ug/kg wet							
Chloroethane	ND	5.0	0.7	ug/kg wet							
2-Chloroethyl Vinyl Ether	ND	10	0.2	ug/kg wet							
Chloroform	0.4	5.0	0.1	ug/kg wet							J
Chloromethane	ND	10	0.2	ug/kg wet							
2-Chlorotoluene	ND	10	0.2	ug/kg wet							



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Volatile Organic Compounds by EPA 8260 - Quality Control

Analyte	Result	RL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2020098 - EPA 5035											
Blank (2020098-BLK2)						Prepared & Analyzed: 02/06/12					
4-Chlorotoluene	ND	10	0.2	ug/kg wet							
Dibromochloromethane	ND	5.0	0.3	ug/kg wet							
1,2-Dibromo-3-chloropropane	ND	10	0.5	ug/kg wet							
1,2-Dibromoethane	ND	10	0.2	ug/kg wet							
Dibromomethane	ND	10	0.3	ug/kg wet							
1,2-Dichlorobenzene	0.5	10	0.3	ug/kg wet							J
1,3-Dichlorobenzene	0.3	10	0.2	ug/kg wet							J
1,4-Dichlorobenzene	0.4	10	0.3	ug/kg wet							J
Dichlorodifluoromethane	ND	10	0.1	ug/kg wet							
1,1-Dichloroethane	ND	5.0	0.2	ug/kg wet							
1,2-Dichloroethane	ND	5.0	0.2	ug/kg wet							
1,1-Dichloroethene	ND	5.0	0.3	ug/kg wet							
cis-1,2-Dichloroethene	ND	5.0	0.2	ug/kg wet							
trans-1,2-Dichloroethene	ND	5.0	0.2	ug/kg wet							
1,2-Dichloroethene (total)	ND	5.0	0.2	ug/kg wet							
1,2-Dichloropropane	ND	5.0	0.2	ug/kg wet							
1,3-Dichloropropane	ND	5.0	0.3	ug/kg wet							
2,2-Dichloropropane	ND	10	0.2	ug/kg wet							
1,1-Dichloropropene	ND	10	0.1	ug/kg wet							
cis-1,3-Dichloropropene	ND	5.0	0.2	ug/kg wet							
trans-1,3-Dichloropropene	ND	5.0	0.1	ug/kg wet							
Ethylbenzene	ND	5.0	0.1	ug/kg wet							
Hexachlorobutadiene	0.4	10	0.2	ug/kg wet							J
Isopropylbenzene	ND	10	0.6	ug/kg wet							
p-Isopropyltoluene	0.1	10	0.1	ug/kg wet							J
Methyl Butyl Ketone (2-Hexanone)	1.4	50	0.4	ug/kg wet							J
Methylene Chloride	ND	10	0.2	ug/kg wet							
Methyl Ethyl Ketone (2-Butanone)	ND	100	0.7	ug/kg wet							
4-Methyl-2-pentanone (MIBK)	ND	50	0.6	ug/kg wet							
Naphthalene	4.7	10	0.4	ug/kg wet							J
n-Propylbenzene	0.1	10	0.1	ug/kg wet							J
Styrene	ND	5.0	0.1	ug/kg wet							
1,1,1,2-Tetrachloroethane	ND	10	0.1	ug/kg wet							
1,1,2,2-Tetrachloroethane	ND	5.0	0.2	ug/kg wet							
Tetrachloroethene	ND	5.0	0.2	ug/kg wet							
Toluene	ND	5.0	0.2	ug/kg wet							
1,2,3-Trichlorobenzene	1.8	10	0.3	ug/kg wet							J
1,2,4-Trichlorobenzene	1.3	10	0.2	ug/kg wet							J
1,1,1-Trichloroethane	ND	5.0	0.1	ug/kg wet							



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Analyte	Result	RL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2020098 - EPA 5035											
Blank (2020098-BLK2)						Prepared & Analyzed: 02/06/12					
1,1,2-Trichloroethane	ND	5.0	0.3	ug/kg wet							
Trichloroethene	ND	5.0	0.9	ug/kg wet							
Trichlorofluoromethane	ND	10	0.2	ug/kg wet							
1,2,3-Trichloropropane	ND	10	0.3	ug/kg wet							
1,2,4-Trimethylbenzene	0.2	10	0.1	ug/kg wet							J
1,3,5-Trimethylbenzene	ND	10	0.2	ug/kg wet							
Vinyl Acetate	ND	10	0.7	ug/kg wet							
Vinyl Chloride	ND	10	0.2	ug/kg wet							
m+p-Xylene	ND	5.0	0.2	ug/kg wet							
o-Xylene	ND	5.0	0.9	ug/kg wet							
Xylenes, total	ND	5.0	0.9	ug/kg wet							
Surrogate: Dibromofluoromethane	51			ug/kg	50.000		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	51			ug/kg	50.000		101	67-139			
Surrogate: Toluene-d8	49			ug/kg	50.000		98	74-120			
Surrogate: 4-Bromofluorobenzene	51			ug/kg	50.000		102	68-140			
LCS (2020098-BS1)						Prepared & Analyzed: 02/03/12					
Benzene	45			ug/kg	50.000		90	80-120			
Chlorobenzene	49			ug/kg	50.000		98	80-120			
1,1-Dichloroethene	45			ug/kg	50.000		89	70-120			
Toluene	47			ug/kg	50.000		95	78-120			
Trichloroethene	52			ug/kg	50.000		103	74-125			
Surrogate: Dibromofluoromethane	50			ug/kg	50.000		100	70-130			
Surrogate: 1,2-Dichloroethane-d4	49			ug/kg	50.000		99	67-139			
Surrogate: Toluene-d8	49			ug/kg	50.000		98	74-120			
Surrogate: 4-Bromofluorobenzene	50			ug/kg	50.000		99	68-140			
Matrix Spike (2020098-MS1)						Source: AVB0079-02	Prepared & Analyzed: 02/03/12				
Benzene	42			ug/kg	50.000	ND	85	68-120			
Chlorobenzene	41			ug/kg	50.000	ND	81	52-120			
1,1-Dichloroethene	44			ug/kg	50.000	ND	89	54-121			
Toluene	41			ug/kg	50.000	0.4	81	46-124			
Trichloroethene	43			ug/kg	50.000	ND	85	59-122			
Surrogate: Dibromofluoromethane	51			ug/kg	50.000		103	70-130			
Surrogate: 1,2-Dichloroethane-d4	52			ug/kg	50.000		104	67-139			
Surrogate: Toluene-d8	49			ug/kg	50.000		99	74-120			
Surrogate: 4-Bromofluorobenzene	50			ug/kg	50.000		101	68-140			



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Analyte	Result	RL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2020098 - EPA 5035											
Matrix Spike Dup (2020098-MSD1)				Source: AVB0079-02			Prepared & Analyzed: 02/03/12				
Benzene	40			ug/kg	50.000	ND	80	66-120	8	41	
Chlorobenzene	36			ug/kg	50.000	ND	72	52-120	12	46	
1,1-Dichloroethene	42			ug/kg	50.000	ND	85	54-121	5	57	
Toluene	38			ug/kg	50.000	0.4	75	48-124	8	61	
Trichloroethene	39			ug/kg	50.000	ND	79	59-122	8	49	
Surrogate: Dibromofluoromethane	51			ug/kg	50.000		102	70-130			
Surrogate: 1,2-Dichloroethene-d4	52			ug/kg	50.000		103	67-139			
Surrogate: Toluene-d8	48			ug/kg	50.000		97	74-120			
Surrogate: 4-Bromofluorobenzene	51			ug/kg	50.000		103	68-140			



ANALYTICAL SERVICES, INC.

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

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

Attention: Mr. Bob Schoepke

February 10, 2012

Report No.: AVB0079

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 2020091 - EPA 3550C											
Blank (2020091-BLK1)						Prepared & Analyzed: 02/03/12					
Acenaphthene	ND	330	130	ug/kg wet							
Acenaphthylene	ND	330	130	ug/kg wet							
Anthracene	ND	330	130	ug/kg wet							
Benzo(a)anthracene	ND	330	110	ug/kg wet							
Benzo(a)pyrene	ND	330	120	ug/kg wet							
Benzo(b)fluoranthene	ND	330	130	ug/kg wet							
Benzo(ghi)perylene	ND	330	120	ug/kg wet							
Benzo(k)fluoranthene	ND	330	120	ug/kg wet							
Benzoic acid	ND	1700	230	ug/kg wet							
Benzyl alcohol	ND	650	150	ug/kg wet							
Benzyl butyl phthalate	ND	330	190	ug/kg wet							
4-Bromophenyl phenyl ether	ND	330	130	ug/kg wet							
Di-n-butyl phthalate	ND	330	150	ug/kg wet							
4-Chloroaniline	ND	650	140	ug/kg wet							
Bis(2-chloroethoxy)methane	ND	330	130	ug/kg wet							
Bis(2-chloroethyl)ether	ND	330	110	ug/kg wet							
Bis(2-chloroisopropyl)ether	ND	330	120	ug/kg wet							
4-Chloro-3-methylphenol	ND	330	160	ug/kg wet							
2-Chloronaphthalene	ND	650	130	ug/kg wet							
2-Chlorophenol	ND	330	110	ug/kg wet							
4-Chlorophenyl phenyl ether	ND	330	140	ug/kg wet							
Chrysene	ND	330	130	ug/kg wet							
Dibenzo(a,h)anthracene	ND	330	110	ug/kg wet							
Dibenzofuran	ND	330	120	ug/kg wet							
1,2-Dichlorobenzene	ND	330	100	ug/kg wet							
1,3-Dichlorobenzene	ND	330	98	ug/kg wet							
1,4-Dichlorobenzene	ND	330	99	ug/kg wet							
3,3'-Dichlorobenzidine	ND	330	140	ug/kg wet							
2,4-Dichlorophenol	ND	330	150	ug/kg wet							
Diethyl phthalate	ND	330	120	ug/kg wet							
2,4-Dimethylphenol	ND	330	110	ug/kg wet							
Dimethyl phthalate	ND	330	130	ug/kg wet							
4,6-Dinitro-2-methylphenol	ND	1700	220	ug/kg wet							
2,4-Dinitrophenol	ND	1700	190	ug/kg wet							
2,4-Dinitrotoluene	ND	650	170	ug/kg wet							
2,6-Dinitrotoluene	ND	650	170	ug/kg wet							
Bis(2-ethylhexyl)phthalate	ND	330	170	ug/kg wet							
Fluoranthene	ND	330	130	ug/kg wet							
Fluorene	ND	330	160	ug/kg wet							



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Elgin IL, 60120

Attention: Mr. Bob Schospeka

February 10, 2012

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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 2020091 - EPA 3550C											
Blank (2020091-BLK1)						Prepared & Analyzed: 02/03/12					
Hexachlorobenzene	ND	330	160	ug/kg wet							
Hexachlorobutadiene	ND	330	120	ug/kg wet							
Hexachlorocyclopentadiene	ND	330	150	ug/kg wet							
Hexachloroethane	ND	330	100	ug/kg wet							
Indeno(1,2,3-cd)pyrene	ND	330	120	ug/kg wet							
Isophorone	ND	330	150	ug/kg wet							
2-Methylnaphthalene	ND	330	130	ug/kg wet							
2-Methylphenol (o-cresol)	ND	330	140	ug/kg wet							
3+4-Methylphenol (m+p-cresol)	ND	330	150	ug/kg wet							
Naphthalene	ND	330	110	ug/kg wet							
2-Nitroaniline	ND	1700	160	ug/kg wet							
3-Nitroaniline	ND	1700	180	ug/kg wet							
4-Nitroaniline	ND	1700	160	ug/kg wet							
Nitrobenzene	ND	330	110	ug/kg wet							
2-Nitrophenol	ND	1700	130	ug/kg wet							
4-Nitrophenol	ND	1700	180	ug/kg wet							
N-Nitrosodimethylamine	ND	330	110	ug/kg wet							
N-Nitrosodiphenylamine/Diphenylamine	ND	330	160	ug/kg wet							
N-Nitrosodi-n-propylamine	ND	330	170	ug/kg wet							
Di-n-octyl phthalate	ND	330	160	ug/kg wet							
Pentachlorophenol	ND	650	190	ug/kg wet							
Phenanthrene	ND	330	120	ug/kg wet							
Phenol	ND	330	120	ug/kg wet							
Pyrene	ND	330	140	ug/kg wet							
1,2,4-Trichlorobenzene	ND	330	120	ug/kg wet							
2,4,5-Trichlorophenol	ND	330	180	ug/kg wet							
2,4,6-Trichlorophenol	ND	330	160	ug/kg wet							
Surrogate: 2-Fluorophenol	2015			ug/kg wet	3306.9		61	10-91			
Surrogate: Phenol-d6	2242			ug/kg wet	3306.9		68	10-98			
Surrogate: Nitrobenzene-d5	999.0			ug/kg wet	1653.4		60	10-100			
Surrogate: 2-Fluorobiphenyl	1164			ug/kg wet	1653.4		70	10-102			
Surrogate: 2,4,6-Tribromophenol	2146			ug/kg wet	3306.9		65	10-189			
Surrogate: p-Terphenyl-d14	1510			ug/kg wet	1653.4		91	10-114			



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1502 E. Villa Street
Elgin IL, 60120

Attention: Mr. Bob Schoepke

February 10, 2012

Report No.: AVB0079

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 2020091 - EPA 3550C											
LCS (2020091-BS1)					Prepared & Analyzed: 02/03/12						
Acenaphthene	1100	330	130	ug/kg wet	1660.0		69	29-105			
4-Chloro-3-methylphenol	2400	330	160	ug/kg wet	3320.1		73	35-97			
2-Chlorophenol	2100	330	120	ug/kg wet	3320.1		64	29-91			
1,4-Dichlorobenzene	880	330	99	ug/kg wet	1660.0		53	24-89			
2,4-Dinitrotoluene	1100	660	170	ug/kg wet	1660.0		68	34-103			
4-Nitrophenol	2900	1700	180	ug/kg wet	3320.1		87	19-118			
N-Nitrosodi-n-propylamine	1100	330	170	ug/kg wet	1660.0		66	23-97			
Pentachlorophenol	3200	660	190	ug/kg wet	3320.1		96	29-119			
Phenol	2000	330	120	ug/kg wet	3320.1		61	29-90			
Pyrene	1400	330	140	ug/kg wet	1660.0		87	34-134			
1,2,4-Trichlorobenzene	940	330	120	ug/kg wet	1660.0		57	22-87			
Surrogate: 2-Fluorophenol	1778			ug/kg wet	3320.1		54	10-91			
Surrogate: Phenol-d6	1962			ug/kg wet	3320.1		59	10-98			
Surrogate: Nitrobenzene-d5	983.7			ug/kg wet	1660.0		59	10-100			
Surrogate: 2-Fluorobiphenyl	1093			ug/kg wet	1660.0		66	10-102			
Surrogate: 2,4,6-Tribromophenol	2626			ug/kg wet	3320.1		79	10-189			
Surrogate: p-Terphenyl-d14	1425			ug/kg wet	1660.0		86	10-114			
Matrix Spike (2020091-MS1)					Source: AVB0079-04		Prepared & Analyzed: 02/03/12				
Acenaphthene	1400	400	150	ug/kg dry	2021.9	ND	70	31-105			
4-Chloro-3-methylphenol	2900	400	200	ug/kg dry	4043.7	ND	71	32-100			
2-Chlorophenol	2500	400	140	ug/kg dry	4043.7	ND	63	28-91			
1,4-Dichlorobenzene	1000	400	120	ug/kg dry	2021.9	ND	49	24-85			
2,4-Dinitrotoluene	1100	800	200	ug/kg dry	2021.9	ND	56	23-111			
4-Nitrophenol	1700	2100	210	ug/kg dry	4043.7	ND	42	20-104			J
N-Nitrosodi-n-propylamine	1300	400	210	ug/kg dry	2021.9	ND	65	26-92			
Pentachlorophenol	3500	800	230	ug/kg dry	4043.7	ND	87	24-118			
Phenol	2300	400	150	ug/kg dry	4043.7	ND	58	29-89			
Pyrene	1800	400	170	ug/kg dry	2021.9	ND	90	43-120			
1,2,4-Trichlorobenzene	1100	400	140	ug/kg dry	2021.9	ND	56	24-93			
Surrogate: 2-Fluorophenol	1990			ug/kg dry	4043.7		49	10-91			
Surrogate: Phenol-d6	2277			ug/kg dry	4043.7		56	10-98			
Surrogate: Nitrobenzene-d5	1160			ug/kg dry	2021.9		57	10-100			
Surrogate: 2-Fluorobiphenyl	1317			ug/kg dry	2021.9		65	10-102			
Surrogate: 2,4,6-Tribromophenol	3298			ug/kg dry	4043.7		82	10-189			
Surrogate: p-Terphenyl-d14	1593			ug/kg dry	2021.9		79	10-114			



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Elgin IL, 60120

Attention: Mr. Bob Schoepke

February 10, 2012

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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 2020091 - EPA 3550C											
Matrix Spike Dup (2020091-MSD1)				Source: AVB0079-04			Prepared & Analyzed: 02/03/12				
Acenaphthene	1500	400	150	ug/kg dry	2015.8	ND	74	31-105	5	45	
4-Chloro-3-methylphenol	3000	400	200	ug/kg dry	4031.6	ND	75	32-100	5	59	
2-Chlorophenol	2800	400	140	ug/kg dry	4031.6	ND	70	28-91	11	50	
1,4-Dichlorobenzene	1100	400	120	ug/kg dry	2015.8	ND	54	24-85	9	48	
2,4-Dinitrotoluene	1200	800	200	ug/kg dry	2015.8	ND	58	23-111	4	53	
4-Nitrophenol	2000	2100	210	ug/kg dry	4031.6	ND	51	20-104	18	56	J
N-Nitrosodi-n-propylamine	1400	400	210	ug/kg dry	2015.8	ND	68	26-82	4	69	
Pentachlorophenol	3700	800	230	ug/kg dry	4031.6	ND	92	24-118	6	47	
Phenol	2500	400	150	ug/kg dry	4031.6	ND	62	29-89	7	49	
Pyrene	1800	400	170	ug/kg dry	2015.8	ND	91	43-120	0.8	45	
1,2,4-Trichlorobenzene	1200	400	140	ug/kg dry	2015.8	ND	61	24-93	9	51	
Surrogate: 2-Fluorophenol	2260			ug/kg dry	4031.6		56	10-91			
Surrogate: Phenol-d6	2469			ug/kg dry	4031.6		61	10-98			
Surrogate: Nitrobenzene-d5	1277			ug/kg dry	2015.8		63	10-100			
Surrogate: 2-Fluorobiphenyl	1488			ug/kg dry	2015.8		74	10-102			
Surrogate: 2,4,6-Tribromophenol	3593			ug/kg dry	4031.6		89	10-189			
Surrogate: p-Terphenyl-d14	1660			ug/kg dry	2015.8		82	10-114			
Batch 2020099 - EPA 3510C											
Blank (2020099-BLK1)				Prepared & Analyzed: 02/03/12							
Acenaphthene	ND	10	4.7	ug/L							
Acenaphthylene	ND	10	4.6	ug/L							
Anthracene	ND	10	4.3	ug/L							
Benzo(a)anthracene	ND	10	4.1	ug/L							
Benzo(a)pyrene	ND	10	4.8	ug/L							
Benzo(b)fluoranthene	ND	10	4.4	ug/L							
Benzo(ghi)perylene	ND	10	5.5	ug/L							
Benzo(k)fluoranthene	ND	10	5.0	ug/L							
Benzoic acid	ND	50	3.1	ug/L							
Benzyl alcohol	ND	20	5.1	ug/L							
Benzyl butyl phthalate	ND	10	6.3	ug/L							
4-Bromophenyl phenyl ether	ND	10	5.0	ug/L							
Di-n-butyl phthalate	ND	10	4.8	ug/L							
4-Chloroaniline	ND	20	4.1	ug/L							
Bis(2-chloroethoxy)methane	ND	10	4.4	ug/L							
Bis(2-chloroethyl)ether	ND	10	3.3	ug/L							
Bis(2-chloroisopropyl)ether	ND	10	3.7	ug/L							
4-Chloro-3-methylphenol	ND	10	5.7	ug/L							
2-Chloronaphthalene	ND	10	4.2	ug/L							



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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 2020099 - EPA 3510C											
Blank (2020099-BLK1)						Prepared & Analyzed: 02/03/12					
2-Chlorophenol	ND	10	4.1	ug/L							
4-Chlorophenyl phenyl ether	ND	10	4.2	ug/L							
Chrysene	ND	10	4.0	ug/L							
Dibenzo(a,h)anthracene	ND	10	4.5	ug/L							
Dibenzofuran	ND	10	4.5	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	2.8	ug/L							
3,3'-Dichlorobenzidine	ND	20	5.0	ug/L							
2,4-Dichlorophenol	ND	10	5.3	ug/L							
Diethyl phthalate	ND	10	3.9	ug/L							
2,4-Dimethylphenol	ND	10	4.4	ug/L							
Dimethyl phthalate	ND	10	4.0	ug/L							
4,6-Dinitro-2-methylphenol	ND	50	5.8	ug/L							
2,4-Dinitrophenol	ND	50	7.2	ug/L							
2,4-Dinitrotoluene	ND	20	4.7	ug/L							
2,6-Dinitrotoluene	ND	20	4.6	ug/L							
Bis(2-ethylhexyl)phthalate	ND	10	5.9	ug/L							
Fluoranthene	ND	10	4.5	ug/L							
Fluorene	ND	10	4.4	ug/L							
Hexachlorobenzene	ND	10	3.9	ug/L							
Hexachlorobutadiene	ND	10	4.2	ug/L							
Hexachlorocyclopentadiene	ND	10	5.8	ug/L							
Hexachloroethane	ND	10	3.4	ug/L							
Indeno(1,2,3-cd)pyrene	ND	10	5.0	ug/L							
Isophorone	ND	10	4.4	ug/L							
2-Methylnaphthalene	ND	10	5.1	ug/L							
2-Methylphenol (o-cresol)	ND	10	5.0	ug/L							
3+4-Methylphenol (m+p-cresol)	ND	10	5.4	ug/L							
Naphthalene	ND	10	3.7	ug/L							
2-Nitroaniline	ND	50	6.3	ug/L							
3-Nitroaniline	ND	50	5.5	ug/L							
4-Nitroaniline	ND	50	5.9	ug/L							
Nitrobenzene	ND	10	4.1	ug/L							
2-Nitrophenol	ND	50	4.9	ug/L							
4-Nitrophenol	ND	50	4.2	ug/L							
N-Nitrosodimethylamine	ND	10	2.5	ug/L							
N-Nitrosodiphenylamine/Diphenylamine	ND	10	3.8	ug/L							
N-Nitrosodi-n-propylamine	ND	10	6.1	ug/L							



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Analyte	Result	RL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2020099 - EPA 3510C											
Blank (2020099-BLK1)						Prepared & Analyzed: 02/03/12					
Di-n-octyl phthalate	ND	10	6.3	ug/L							
Pentachlorophenol	ND	20	6.0	ug/L							
Phenanthrene	ND	10	4.0	ug/L							
Phenol	ND	10	2.9	ug/L							
Pyrene	ND	10	4.5	ug/L							
1,2,4-Trichlorobenzene	ND	10	3.3	ug/L							
2,4,5-Trichlorophenol	ND	10	5.9	ug/L							
2,4,6-Trichlorophenol	ND	10	5.5	ug/L							
Surrogate: 2-Fluorophenol	44.49			ug/L	100.00		44	10-88			
Surrogate: Phenol-d8	27.32			ug/L	100.00		27	10-61			
Surrogate: Nitrobenzene-d5	39.28			ug/L	50.000		79	28-109			
Surrogate: 2-Fluorobiphenyl	37.39			ug/L	50.000		75	38-112			
Surrogate: 2,4,6-Tribromophenol	84.20			ug/L	100.00		84	10-165			
Surrogate: p-Terphenyl-d14	40.10			ug/L	50.000		80	10-142			
LCS (2020099-BS1)						Prepared & Analyzed: 02/03/12					
Acenaphthene	42	10	4.7	ug/L	50.000		85	44-115			
4-Chloro-3-methylphenol	95	10	5.7	ug/L	100.00		95	38-123			
2-Chlorophenol	78	10	4.1	ug/L	100.00		78	35-111			
1,4-Dichlorobenzene	33	10	2.8	ug/L	50.000		66	37-94			
2,4-Dinitrotoluene	43	20	4.7	ug/L	50.000		85	28-118			
4-Nitrophenol	42	50	4.2	ug/L	100.00		42	10-52			J
N-Nitrosodi-n-propylamine	39	10	6.1	ug/L	50.000		79	40-110			
Pentachlorophenol	100	20	6.0	ug/L	100.00		100	31-134			
Phenol	30	10	2.9	ug/L	100.00		30	13-47			
Pyrene	40	10	4.5	ug/L	50.000		80	48-136			
1,2,4-Trichlorobenzene	34	10	3.3	ug/L	50.000		68	37-103			
Surrogate: 2-Fluorophenol	45.39			ug/L	100.00		45	10-88			
Surrogate: Phenol-d8	30.26			ug/L	100.00		30	10-61			
Surrogate: Nitrobenzene-d5	39.96			ug/L	50.000		80	28-109			
Surrogate: 2-Fluorobiphenyl	41.37			ug/L	50.000		83	38-112			
Surrogate: 2,4,6-Tribromophenol	87.57			ug/L	100.00		88	10-165			
Surrogate: p-Terphenyl-d14	40.43			ug/L	50.000		81	10-142			



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Analyte	Result	RL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2020099 - EPA 3510C											
Matrix Spike (2020099-MS1)			Source: AVB0079-01			Prepared & Analyzed: 02/03/12					
Acenaphthene	40	10	4.7	ug/L	50.000	ND	80	48-108			
4-Chloro-3-methylphenol	88	10	5.7	ug/L	100.00	ND	88	38-124			
2-Chlorophenol	78	10	4.1	ug/L	100.00	ND	78	42-105			
1,4-Dichlorobenzene	31	10	2.8	ug/L	50.000	ND	63	39-90			
2,4-Dinitrotoluene	41	20	4.7	ug/L	50.000	ND	81	29-119			
4-Nitrophenol	64	50	4.2	ug/L	100.00	ND	64	10-53			QM-05
N-Nitrosodi-n-propylamine	38	10	6.1	ug/L	50.000	ND	78	41-108			
Pentachlorophenol	100	20	6.0	ug/L	100.00	ND	102	42-137			
Phenol	48	10	2.9	ug/L	100.00	ND	48	14-43			QM-05
Pyrene	39	10	4.5	ug/L	50.000	ND	78	51-131			
1,2,4-Trichlorobenzene	32	10	3.3	ug/L	50.000	ND	65	40-99			
Surrogate: 2-Fluorophenol	58.31			ug/L	100.00		58	10-88			
Surrogate: Phenol-d8	48.66			ug/L	100.00		47	10-61			
Surrogate: Nitrobenzene-d5	36.41			ug/L	50.000		73	28-109			
Surrogate: 2-Fluorobiphenyl	37.95			ug/L	50.000		76	38-112			
Surrogate: 2,4,6-Tribromophenol	88.45			ug/L	100.00		88	10-165			
Surrogate: p-Terphenyl-d14	39.76			ug/L	50.000		80	10-142			
Matrix Spike Dup (2020099-MSD1)			Source: AVB0079-01			Prepared & Analyzed: 02/03/12					
Acenaphthene	38	10	4.7	ug/L	50.000	ND	71	48-108	11	35	
4-Chloro-3-methylphenol	79	10	5.7	ug/L	100.00	ND	79	38-124	10	31	
2-Chlorophenol	66	10	4.1	ug/L	100.00	ND	66	42-105	17	36	
1,4-Dichlorobenzene	27	10	2.8	ug/L	50.000	ND	54	39-90	15	35	
2,4-Dinitrotoluene	37	20	4.7	ug/L	50.000	ND	74	29-119	9	39	
4-Nitrophenol	59	50	4.2	ug/L	100.00	ND	59	10-53	9	34	QM-05
N-Nitrosodi-n-propylamine	34	10	6.1	ug/L	50.000	ND	68	41-108	10	36	
Pentachlorophenol	92	20	6.0	ug/L	100.00	ND	92	42-137	10	38	
Phenol	42	10	2.9	ug/L	100.00	ND	42	14-43	14	38	
Pyrene	38	10	4.5	ug/L	50.000	ND	78	51-131	2	27	
1,2,4-Trichlorobenzene	27	10	3.3	ug/L	50.000	ND	54	40-99	18	35	
Surrogate: 2-Fluorophenol	53.36			ug/L	100.00		53	10-88			
Surrogate: Phenol-d8	42.25			ug/L	100.00		42	10-61			
Surrogate: Nitrobenzene-d5	33.56			ug/L	50.000		67	28-109			
Surrogate: 2-Fluorobiphenyl	34.28			ug/L	50.000		69	38-112			
Surrogate: 2,4,6-Tribromophenol	78.06			ug/L	100.00		78	10-165			
Surrogate: p-Terphenyl-d14	38.66			ug/L	50.000		77	10-142			



ANALYTICAL SERVICES, INC.

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

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

Attention: Mr. Bob Schoepke

February 10, 2012

Laboratory Certifications

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



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Attention: Mr. Bob Schoepke

February 10, 2012

Legend

Definition of Laboratory Terms

- ND** - Not Detected at levels equal to or greater than the MDL
- BRL** - Not Detected at levels equal to or greater than the RL
- RL** - Reporting Limit **MDL** - Method Detection Limit
- SOP** - Method run per ASI Standard Operating Procedure
- CFU** - Colony Forming Units
- DF** - Dilution Factor **TIC** - Tentatively Identified Compound
- *** - Analyte not included in the NELAC list of certified analytes.

Sample Information

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

Phthalic acid and phthalic anhydride are reported as dimethyl phthalate

Maleic acid and maleic anhydride are reported as dimethyl malate

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

Definition of Qualifiers

- 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.

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

Attention: Mr. Bob Schoepke

February 10, 2012

Report Notes

The Trip Blank was not listed on the COC. MMR

[illegible]



ANALYTICAL SERVICES, INC.

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

LOG-IN CHECKLIST

Printed: 2/10/2012 4:35:33PM

Attn: Mr. Bob Schoepke

Client: Safety-Kleen Corporation - Elgin

Project: Tampa, FL

Date Received: 02/02/12 10:15

Work Order: AVB0079

Logged In By: Mohammad M. Rahman

OBSERVATIONS

#Samples: 8

#Containers: 45

Minimum Temp(C): 2.0

Maximum Temp(C): 2.0

Custody Seal(s) Used: Yes

CHECKLIST ITEMS

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

Comments:

The Trip Blank was not listed on the COC. MMR

APPENDIX 5C

GROUNDWATER SAMPLING LOGS AND FIELD NOTES

ECT DAILY FIELD LOG

PROJECT INFORMATION

Task #: 120043-0100

Date: 2-1-12

DAYLOG

Time	Comments																		
	at ECT office Keith Morrison + Ron Noark Loading T-5																		
725	off to get Ice, water, Safety-Kleen - Tampa (SK-TP)																		
755	Stuck waiting for slow train																		
810	on site at SK-TP. checked in. waiting for SK-TP. Jeff Curtis. Going over Health + Safety Plan meeting. Jeff Curtis will get us drums + used over excavation Plan. Gate code = 5551* ext.																		
830	<table><tr><th>Name of Company</th><th>Name (Print)</th><th>Signature</th></tr><tr><td>Environmental Consulting & Technology Inc. (ECT)</td><td>Keith F. Morrison</td><td>Keith F. Morrison</td></tr><tr><td>ECT</td><td>Ron Noark</td><td>Ron Noark</td></tr><tr><td>Advanced Drilling Solutions (ADS)</td><td>Jon Krikorian</td><td>Jon Krikorian</td></tr><tr><td>PDS</td><td>Walter Carlos Lorenz</td><td>Walter Carlos Lorenz</td></tr><tr><td>PDS</td><td>James Robinson</td><td>James Robinson</td></tr></table>	Name of Company	Name (Print)	Signature	Environmental Consulting & Technology Inc. (ECT)	Keith F. Morrison	Keith F. Morrison	ECT	Ron Noark	Ron Noark	Advanced Drilling Solutions (ADS)	Jon Krikorian	Jon Krikorian	PDS	Walter Carlos Lorenz	Walter Carlos Lorenz	PDS	James Robinson	James Robinson
Name of Company	Name (Print)	Signature																	
Environmental Consulting & Technology Inc. (ECT)	Keith F. Morrison	Keith F. Morrison																	
ECT	Ron Noark	Ron Noark																	
Advanced Drilling Solutions (ADS)	Jon Krikorian	Jon Krikorian																	
PDS	Walter Carlos Lorenz	Walter Carlos Lorenz																	
PDS	James Robinson	James Robinson																	
835	PDS Set up over MW-5 (back ground well.																		
840	Post hole to 5ft bls for utility clearance. DP 5-10, 10-12. ^{see} Calibration check on PVT																		
910	Drilling to install background monitoring well MW-5.																		
940	Set up down pack, Decanning																		
1000	Moving to MW-3 - 40ft Northwest of Septic tank. Post hole to 5ft bls - a lot of debris DP-5-10, 10-12. Set MW-3 to 12ft bls and left of #6 24" PVC well casing. Decanning																		
1035	Set up over MW-4. Post hole to 5ft bls. DP 5-10, 10-12. ^{into END Development MW-3}																		
1055	Drilling to 12ft bls to set MW-4 to 12ft bls																		
	Decanning																		
1120	Set up over MW-1. Post hole drilling to 5ft bls. DP 5-10, 10-12.																		
1200	Drilled to 12ft bls + Set MW-1 to 12ft. Decanning Hilti Stem Arrow																		
1215	Set up over MW-2. Post hole to 5ft bls, DP 5-10, 10-12																		
	Drilling to 12ft bls on MW-2. Set MW-2 to 12ft bls.																		
	Decanning																		
1243	Developing MW-3. completed well pads on MW-4 + MW-2. 1213 END Development MW-3																		
1310	Developing MW-4																		
* 1330	ECT collected equipment Break off Henri Arger. Arbitrary SD = MW-6A																		
1340	Developing MW-1 1410 end / 1415 developing MW-2 - Slow Recharge well																		

ECT DAILY FIELD LOG

PROJECT INFORMATION

Project & Task #:

Date: 2-1-12

DAY LOG

Time	Comments
~1345	collected SB-1 0-6" sample (0.5ft) soil for lab analysis
~1400	collected SB-1 6"-2ft (2ft) soil for lab analysis
	Decomming
1415	collecting SB-2 0-6" Soil for lab analysis
1430	SB-2 6"-2' Soil. Decomming
	SB- OVA VF-F= Net
1445	collecting SB-3 0-6" (0.5ft)
	SB-1 0.5ft = 0 - 0 = 0 ppm
1455	collecting SB-3 6"-2ft (2ft). Decomming
	SB-1 2ft = SB-3 = 47
1520	Final OVA Cal check
	SB-2 0.5ft = 0 - 0 = 0
	SB-2 2ft = 0 - 0 = 0
1550	END Decomming MW-3
	SB-3 0.5ft = 0 - 0 = 0
	SB-3 2ft = 0 - 0 = 0
	7-55 gallon drums (1) soil MW-5 / (1) soil MW-1
	(1) draw water MW-5 1/2 AM, (1) development water MW-1 & MW-2 & MW-3 & MW-4
	(1) draw water MW-4
	(1) draw water MW-4
	(1) draw water MW-4
	(1) draw water MW-4
1600	checked out at office, off to Peterson Environmental to return OVA.
1630	at Peterson, off for more ice / ECT office
1645	at ECT office, unloading T-5 / 1700 complete for Run Mark-10/11
	Kartr Packing co. less. to ship via UPS to ASZ in Norcross, GA
1730	waiting for UPS pickup per chain of Custody Procedures
	50lb cobalt VOA - volatile tracking # 12 V46 7V5 01 9356 4240
	60lb cobalt w/ metals + semi-volatile tracking # 12 V46 7V5 01 9309 9039
1830	UPS on site, picked up samples, complete = 11.5 hrs Total time

SK-TPA

ECT DAILY FIELD LOG

PROJECT INFORMATION

Project & Task #: 120043 - 0100

Date: 2-8-12

DAY LOG

Time	Comments																												
630	at ECT office. Calibration check on two sets of meters																												
700	Run loading T-5.																												
735	Keith Monson Run N2ark offsite ECT office to Shell for Ice water / Safety Klean Tampa (SK-TPA)																												
807	onsite at SK-TPA. checking in. Asking John Walters if they have any available info on supply well onsite by MW-5.																												
820	opening up all MW's. + let water levels equilibrate																												
835	Keith Set up on MW-2 / Take Run to MW-5																												
850	Keith taking water levels.																												
900	Run N2ark Purging MW-5 / 905- th water came in borehole of MW-2 when pilot hole																												
916	Keith Purging MW-2 - slow recharge well																												
x 920	Keith collecting Equipment Break out second Peristaltic pump ^{EAB} used pump to solids																												
	EAB Auxiliary ID: MW-6																												
x 1008	Keith Sampling MW-2 by Septic tank. upon sampling water came up to surface in well 92.5m Turbidity																												
1039	Sampling. Final Turbidity reading upon collection of total metals = 98.7 NTUs																												
1055	Keith purging MW-1																												
x 1100	Run Sampling MW-5 - background well																												
x 1119	Keith Sampling MW-1																												
1145	Moving to MW-3																												
1212	Keith purging MW-3																												
1215	Run purging MW-4																												
x 1230	Keith Sampling MW-3																												
x 1300	Run Sampling MW-4																												
1255	Keith Taking GPS Reading on wells																												
	<table><tr><th>mark</th><th>well</th><th>Lat</th><th>Long</th></tr><tr><td>001</td><td>MW-1</td><td>N 27° 55' 33.4"</td><td>W 82° 23' 40.4"</td></tr><tr><td>003</td><td>MW-2</td><td>N 27° 55' 34.0"</td><td>W 82° 23' 40.2"</td></tr><tr><td>004</td><td>MW-3</td><td>N 27° 55' 34.4"</td><td>W 82° 23' 40.4"</td></tr><tr><td>005</td><td>MW-4</td><td>N 27° 55' 33.9"</td><td>W 82° 23' 40.8"</td></tr><tr><td>007</td><td>MW-5</td><td>N 27° 55' 35.1"</td><td>W 82° 23' 37.8"</td></tr><tr><td>006</td><td>SB-3</td><td>N 27° 55' 34.0"</td><td>W 82° 23' 40.1"</td></tr></table>	mark	well	Lat	Long	001	MW-1	N 27° 55' 33.4"	W 82° 23' 40.4"	003	MW-2	N 27° 55' 34.0"	W 82° 23' 40.2"	004	MW-3	N 27° 55' 34.4"	W 82° 23' 40.4"	005	MW-4	N 27° 55' 33.9"	W 82° 23' 40.8"	007	MW-5	N 27° 55' 35.1"	W 82° 23' 37.8"	006	SB-3	N 27° 55' 34.0"	W 82° 23' 40.1"
mark	well	Lat	Long																										
001	MW-1	N 27° 55' 33.4"	W 82° 23' 40.4"																										
003	MW-2	N 27° 55' 34.0"	W 82° 23' 40.2"																										
004	MW-3	N 27° 55' 34.4"	W 82° 23' 40.4"																										
005	MW-4	N 27° 55' 33.9"	W 82° 23' 40.8"																										
007	MW-5	N 27° 55' 35.1"	W 82° 23' 37.8"																										
006	SB-3	N 27° 55' 34.0"	W 82° 23' 40.1"																										
1315	Set up to survey in monitoring wells																												

~~54 TPA~~

Date: 2-8-12

Time:

1415 offsite SK-TMA to get more IRa / ECT offsite

1445 at ELT office, Unbrados T-5.

Packing 3-coles to ship to AS2 Lake in Morcross CA
Calibration check on meters

1610	complete 9.5 mo
------	-----------------

UPS Next Day Air

144 12 V46 7V5 61 9156 3158

214 1Z446745 01 90935569

3064 1E V46745 01 9485 7575

4064 17 Y467V501 9010.5189

Sending Elizabeth Bryant tracking codes

Form FD 9000-24
GROUNDWATER SAMPLING LOG

SITE NAME: <u>Safety-Kleen Systems, Inc.</u>		SITE LOCATION: <u>5309 24th Ave. South/TAMPA, FL</u>	
WELL NO: <u>MW-1</u>	SAMPLE ID: <u>MW-1-020812</u>	DATE: <u>2-8-12</u>	

PURGING DATA

WELL DIAMETER (inches): <u>2</u>	TUBING DIAMETER (inches): <u>1/8</u>	WELL SCREEN INTERVAL DEPTH: <u>2</u> feet to <u>12</u> feet	STATIC DEPTH TO WATER (feet): <u>5.00</u>	PURGE PUMP TYPE OR BAILER: <u>PP</u>
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable) <u>12.19</u> feet - <u>5.00</u> feet X <u>0.16</u> gallons/foot = <u>1.15</u> 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): <u>6.0</u>	FINAL PUMP OR TUBING DEPTH IN WELL (feet): <u>6.0</u>	PURGING INITIATED AT: <u>1055</u>	PURGING ENDED AT: <u>1118</u>	TOTAL VOLUME PURGED (gallons): <u>2.1</u>

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (micro mhos/cm)	DISSOLVED OXYGEN (circles units)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1109	1.26	1.36	0.09	5.52	6.41	21.90	1987	0.71	1.60	clear	Slight
1112	0.27	1.53	0.09	5.52	6.40	22.26	2058	0.66	1.78	"	Slight
1115	0.27	1.8	0.09	5.52	6.41	22.30	2049	0.66	1.89	"	Slight
1118	0.27	2.07	0.09	5.52	6.41	22.36	2080	0.63	1.58	"	Slight

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.68; 5" = 1.02; 6" = 1.47; 8" = 2.88
TUBING CAPACITY (Gallons Per Foot): 1/8" = 0.0005; 3/16" = 0.0014; 1/4" = 0.0025; 5/16" = 0.004; 3/8" = 0.008; 1/2" = 0.016; 5/8" = 0.025
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: <u>Keith F. Morrison / ECT</u>		SAMPLE(S) SIGNATURE(S): <u>Keith F. Morrison</u>		SAMPLING INITIATED AT: <u>1119</u>	SAMPLING ENDED AT: <u>1140</u>
PUMP OR TUBING DEPTH IN WELL (feet): <u>6.0</u>		TUBING MATERIAL CODE: <u>PE</u>		FIELD-FILTERED: <input checked="" type="checkbox"/> N	FILTER SIZE: <u>1</u> µm
FIELD DECONTAMINATION: PUMP <u>Y</u> (1)		TUBING <u>Y</u> (2) (replaced)		DUPLICATE: <u>Y</u> (3)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-1	1	CG	40mL	HCl	None	<2	8260B-Fv11	RFPP	<100
	2	CG	40mL	Ice	"	-	8260B-Fv11	RFPP	<100
	2	AG	1L	Ice	"	-	8230D-Fv11	APP	at purge rate
	1	PE	500mL	HNO3	"	2.2	ACRA-8-Metals (see sheet)	APP	at purge rate
	1	Plastic	1.0L	Ice	"	-	Chloride, Sulfate, TDS	APP	at purge rate
	1	PE	500mL	HNO3	"	2.2	Fe, Mn	APP	at purge rate

REMARKS: Q = 0.139 gal / 6.25 sec x 0.09 gpm Slight sheen on purge water

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; RFPF = 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.

14 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: <u>Safety-Kleen Systems, Inc.</u>		SITE LOCATION: <u>5309 24th Ave. South / TAMPA, FL</u>	
WELL NO: <u>MW-2</u>	SAMPLE ID: <u>MW-2-020812</u>	DATE: <u>2-8-12</u>	

PURGING DATA

WELL DIAMETER (inches): <u>2</u>	TUBING DIAMETER (inches): <u>1/8</u>	WELL SCREEN INTERVAL DEPTH: <u>2</u> feet to <u>12</u> feet	STATIC DEPTH TO WATER (feet): <u>4.46</u>	PURGE PUMP TYPE OR BALER: <u>PP</u>
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable) <u>12.27</u> feet - <u>4.46</u> feet X <u>0.16</u> gallons/foot = <u>1.25</u> 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): <u>5.5</u>	FINAL PUMP OR TUBING DEPTH IN WELL (feet): <u>5.5</u>	PURGING INITIATED AT: <u>916</u>	PURGING ENDED AT: <u>1007</u>	TOTAL VOLUME PURGED (gallons): <u>03.0</u>
---	---	----------------------------------	-------------------------------	--

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (micro mhos/cm or µmho/cm)	DISSOLVED OXYGEN (micro m or µm)	TURBIDITY (NTU)	COLOR (describe)	ODOR (describe)
940	1.44	1.44	0.06	5.02	7.37	19.56	1964	3.59	75.3	Cloudy	septic
943	0.18	1.62	0.06	5.05	7.34	19.42	1972	3.02	70.1	light greyish	"
946	0.18	1.80	0.06	5.07	7.32	19.46	1987	2.60	65.0	yellowish	"
949	0.18	1.98	0.06	5.09	7.30	19.51	2011	2.10	52.4	"	"
952	0.18	2.16	0.06	5.11	7.28	19.60	2042	1.84	47.3	"	"
955	0.18	2.34	0.06	5.13	7.26	19.56	2048	1.66	43.1	"	"
958	0.18	2.52	0.06	5.13	7.24	19.56	2072	1.33	40.5	"	"
1001	0.18	2.70	0.06	5.13	7.23	19.51	2094	1.26	36.2	"	"
1004	0.18	2.88	0.06	5.13	7.23	19.54	2098	1.20	35.7	"	"
1007	0.18	3.06	0.06	5.13	7.20	19.60	2110	0.98	34.6	"	"

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.05; 2" = 0.16; 3" = 0.37; 4" = 0.68; 6" = 1.02; 8" = 1.47; 12" = 3.28
 TUBING INSIDE DIA. CAPACITY (GAL/FT): 1/8" = 0.0003; 3/16" = 0.0014; 1/4" = 0.0028; 5/16" = 0.004; 3/8" = 0.008; 1/2" = 0.019; 5/8" = 0.036
 PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: <u>Kath L. Morrison / ECT</u>	SAMPLER(S) SIGNATURE(S): <u>Kath L. Morrison</u>	SAMPLING INITIATED AT: <u>1008</u>	SAMPLING ENDED AT: <u>1045</u>
PUMP OR TUBING DEPTH IN WELL (feet): <u>5.5</u>	TUBING MATERIAL CODE: <u>PE</u>	FIELD FILTERED: <input checked="" type="checkbox"/> N	FILTER SIZE: <u>1</u> µm
FIELD DECONTAMINATION: PUMP <u>Y</u> (N) TUBING <u>Y</u> (N) (top/bottom)		DUPLICATE: <u>Y</u> (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (ml. per minute)
SAMPLE Q CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (ml.)	FINAL pH			
MW-2	1	CG	40ml	HCL	None	~2	8260B-Full	RFPP	<100
	2	CG	40ml	ICE	"	"	8260B-Full	RFPP	<100
	2	AG	1L	ICE	"	"	8260D-1/2	APP	at purge rate
	1	PE	500 ml	HNO3	"	"	ACAD-Metals	APP	at purge rate
	1	PE	500 ml	Match	"	"	ACAD-Metals	APP	at purge rate
	1	Plastic	1 QT	ICE	"	"	Chloride, Sulfate, TDS	APP	at purge rate
1	PE	500ml	HNO3	"	"	Fe, Mn	APP	at purge rate	

REMARKS: Q = 0.13 gpm 60 sec 130 sec T_{min} = 0.06 gpm 0.0 + Turbidity not stable, continue at 920 Equipment Block collected w/ second peristaltic pump

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 62-168, F.A.C.
 2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
 pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: ± 5% Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

GROUNDWATER SAMPLING LOG

SITE NAME: <u>Safety-Kleen Systems, Inc.</u>		SITE LOCATION: <u>5309 24th Ave. South/TAMPA, FL</u>	
WELL NO: <u>MW-3</u>		DATE: <u>2-8-12</u>	

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): 3.65	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 - 3.65 feet X 0.16 gallons/foot = 1.37 gallons				
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + TUBING CAPACITY X TUBING LENGTH + FLOW CELL VOLUME (only fill out if applicable)				
= gallons + (gallons/foot X feet) + gallons = gallons				

INITIAL PUMP OR TUBING DEPTH IN WELL (feet) 5	FINAL PUMP OR TUBING DEPTH IN WELL (feet) 4.5	PURGING INITIATED AT: 1212	PURGING ENDED AT: 1224	TOTAL VOLUME PURGED (cubic feet) 2.2
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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" = 0.64; 5" = 1.02; 6" = 1.47; 12" = 5.68
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0009; 3/8" = 0.0014; 1/2" = 0.0028; 5/8" = 0.004; 3/4" = 0.005; 1" = 0.010; 5/8" = 0.015
PLUGGING EQUIPMENT CODES: S = Sailer, BP = Bladder Pump, ESP = Electric Submersible Pump, PP = Peristaltic Pump, O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Keith F. Morsen / ELT		SAMPLE(S) SIGNATURE(S): Keith F. Morsen		SAMPLING INITIATED AT: 1230	SAMPLING ENDED AT: 1250
PUMP OR TUBING DEPTH IN WELL (feet): 4.5		TUBING MATERIAL CODE: PE		FIELD FILTERED: <input checked="" type="checkbox"/> N	FILTER SIZE: 1 µm
FIELD DECONTAMINATION: PUMP Y <input checked="" type="checkbox"/> (N)		TUBING Y <input checked="" type="checkbox"/> (N) (not coded)		DUPLICATE: Y <input checked="" type="checkbox"/> (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (ml. per minute)
SAMPLE ID CODE	CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (ml.)	FINAL pH			
-3	1	CG	40ml	HCl	None	<2	82608-Full	RFPP	<100
	2	CG	40ml	HCl	"	—	82608-Full	RFPP	<100
	2	AG	1L	HCl	"	—	83700- ^{500ml} Full	APP	at pump inlet
	1	PE	500 ml	HNO ₃	"	<2	Asad, Morris	APP	at pump inlet
	1	PE	500 ml	HNO ₃	"	<2	Asad, Morris	APP	at pump inlet
	1	Plastic	1 QT	HCl	"	—	Chloride Sulfate, 103	APP	at pump inlet
DELTA	1	PE	500ml	HNO ₃	"	<2	Fe, Mn	APP	at pump inlet

$$Q = \frac{0.13 \text{ gal}}{60 \text{ sec}} \times \frac{60 \text{ sec}}{1 \text{ min}} = 0.13 \text{ gpm}$$

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 = Boiler; BP = Bladder Pump; ESP = Electric Submersible Pump;
RFPF = 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 ES 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

SITE NAME: Safety-Kleen Systems, Inc.		SITE LOCATION: 5309 24 th Ave. South/TAMPA, FL	
WELL NO: MW-5	SAMPLE ID: MW-5-020812	DATE: 2-8-12	

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): 5.42	PURGE PUMP TYPE OR BAILEY: PP
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable)				
= (12.0) feet - 5.42 feet X 0.16 gallons/foot = 1.05 gallons				
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable)				
= gallons + (gallons/foot X feet) + gallons = gallons				
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 6.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 6.5	PURGING INITIATED AT: 0900	PURGING ENDED AT: 1055	TOTAL VOLUME PURGED (feet/foot): 3.45

[illegible]

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.05; 2" = 0.10; 3" = 0.37; 4" = 0.64; 6" = 1.02; 8" = 1.47; 12" = 3.58
TUBING INSIDE DIA. CAPACITY (Gals./Ft.): 1 1/8" = 0.0093; 1 3/8" = 0.0114; 1 7/8" = 0.0228; 2 1/4" = 0.034; 3" = 0.060; 3 1/2" = 0.091; 4" = 0.118

PURGING EQUIPMENT CODES: B = Baler; BP = Bladder Pump; BSP = Electric Submersible Pump; PP = Percussive Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: <i>Rod Nock / ELT</i>		SAMPLER(S) SIGNATURE(S): <i>[Signature]</i>		SAMPLING INITIATED AT: <i>1100</i>	SAMPLING ENDED AT: <i>1200</i>
PUMP OR TUBING DEPTH IN WELL (feet): <i>6.5</i>		TUBING MATERIAL CODE: <i>PE</i>		FIELD FILTERED: <input checked="" type="checkbox"/> N	FILTER SIZE: <i>1</i> <small>micron</small>
FIELD DECONTAMINATION: PUMP <input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N		TUBING <input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N <small>(replaced)</small>		DUPLICATION: <input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (ml. per minute)
SAMPLE ID CODE	CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (ml.)	FINAL pH			
5	1	CG	40ml	HCl	None	<2	82608-Full	RFPP	<100
	2	CG	40ml	ICA	"	—	82608-Full	RFPP	<100
	2	AG	1L	ICA	"	—	83700- ^{SEM} Whole	APP	at purge rate
	1	PG	500ml	HNO ₃	"	<2	ACAD-Metals	APP	at purge rate
	1	PG	500ml	HNO ₃	"	<2	ACAD-Metals	APP	at purge rate
	1	Plastic	1 QT	ICA	"	—	Chloride, Sulfate, TOC	APP	at purge rate
1	PE	500ml	HNO ₃	"	<2	Fe, Mn	APP	at 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 Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump;
RPP = 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 63-100, 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

Instrument Calibration and Field Verification Log

Instrument Make: YSI Model: 556 MPS Instrument Identification YSI 556 MPS Date: (yy/mm/dd) February 8, 2012
 Sampler's Name/Signature: *[Signature]* Temperature: YSI *[Signature]* NIST

Procedure Type: ICV, CCV, Cal	Time	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
Standard Value	Temperature	23.9 °C	22.70 °C	°C	°C	°C	°C	°C	°C	°C
pH 4.01 S.U.		3.98	4.04							
pH 7.00 S.U.		7.14	6.99							
pH 10.00 S.U.		9.94	9.91							
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		<i>KPM</i>	<i>[Signature]</i>							
Conductivity 500 µS/cm Cal		503	505							
Conductivity 1000 µS/cm Ver		999	998							
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		<i>KPM</i>	<i>[Signature]</i>							
D.O. mg/L @ Saturation		8.49	8.44							
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		<i>KPM</i>	<i>[Signature]</i>							
Membrane Last Replaced										
ORP in mV		233.4	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		<i>KPM</i>	<i>[Signature]</i>							

Calibration Solutions	Manufacturer	Lot Number	Expiration Date
pH 4.01 S.U.	E/AYOI	110824A	8/12
pH 7.00 S.U.		10104A	4/12
pH 10.00 S.U.		110228A	9/12
Conductivity 500 µS/cm Cal		110824C	8/12
Conductivity 1000 µS/cm Ver		110824C	8/12
ORP mV @ °C	YSI		

Notes Cal = Calibration

ICV = Initial Calibration Verification

CCV = Continued Calibration Verification

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

Instrument Calibration and Field Verification Log

Instrument Make: YSI Model: 556 MPS Instrument Identification

Date: (yy/mm/dd) February 8, 2012

Sampler's Name/Signature: *[Signature]*

Temperature: YSI #4 NIST

Procedure Type: ICV, CCV, Cal	lcv, ccv, cal	lcv, ccv, cal	lcv, ccv, cal	lcv, ccv, cal	lcv, ccv, cal	lcv, ccv, cal	lcv, ccv, cal	lcv, ccv, cal	lcv, ccv, cal
Time	630	1515							
Standard Value	24.1 °C	23.09 °C	°C	°C	°C	°C	°C	°C	°C
pH 4.01 S.U.	3.89	3.89							
pH 7.00 S.U.	7.16	7.08							
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	KW	R							
Conductivity 500 µS/cm Cal	500	501							
Conductivity 100 µS/cm Ver	998	103							
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	KW	R							
D.O. mg/L @ Saturation	8.36	8.40							
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	KW	R							
Membrane Last Replaced									
ORP in mV	235	238							
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	KW	R							

Calibration Solutions	Manufacturer	Lot Number	Expiration Date
pH 4.01 S.U.	Exaxol	110824A	8/12
pH 7.00 S.U.		10104A	4/12
pH 10.00 S.U.		110228A	4/12
Conductivity 500 µS/cm Cal		110824C	8/12
Conductivity 100 µS/cm Ver		110824B	2/10
ORP _____ mV @ _____ °C	YSI		

Notes Cal = Calibration
ICV = Initial Calibration Verification
CCV = Continued Calibration Verification

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

DEF-SUP-W01/01
FT 1000 General Field Testing and Measurement

Form FD 9000-8: FIELD INSTRUMENT CALIBRATION RECORDS
INSTRUMENT (MAKE/MODEL#) HACH 2100P Hybrid INSTRUMENT # 2/3

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 3.18 NTUs 3.57 NTUs
Standard B 34.7 " 32.8 "
Standard C 336 " 345 "

SK-TPA

Instrument was within calibration range

DATE (mm/dd/yyyy)	TIME (mm:ss)	STD (A, B, C)	STD VALUE	INSTRUMENT RESPONSE	% DEV	CALIBRATED (YES, NO)	TYPE (INIT, CONT)	SAMPLER INITIALS
February 8, 2012	640	A	3.18	3.22	≤ 5%	NO	INIT	KPM
	641	B	34.7	35.1		NO	INIT	KPM
	642	C	336	338		NO	INIT	KPM
	1600	A	3.18	3.24		NO	Cont	KPM
	1601	B	34.7	35.0		NO	Cont	KPM
	1602	C	336	337		NO	Cont	KPM
February 8, 2012	641	A	3.57	3.61	≤ 5%	NO	INIT	KPM
	642	B	35.1	35.4		NO	INIT	KPM
	643	C	338	344		NO	INIT	KPM
	1603	A	3.57	3.59		NO	Cont	KPM
	1604	B	32.8	33.1		NO	Cont	KPM
	1605	C	345	347		NO	Cont	KPM

#2

#3

ECT DAILY FIELD LOG

Safety-Kleen Systems-Tampa. PROJECT INFORMATION

Project & Task #: 120043-010a

Date: 4-9-12

DAY LOG

Time	Comments
800	at ECT office, calibration check on meters, Jesse Pava needs T-7 unload, T-7, load my personal truck. miles out = 175.674 miles in = 175.708
900	off to get lunch, Safety-Kleen Systems Tampa - (SK-TPA) 34 miles
940	arrive Safety-Kleen Systems Tampa - talking w/ John Walters.
945	gate code = 5551 & opening monitoring wells. well pad + ground wet at MW-2 on south side by ground that was not previously when pump to septic tank turns on! Taking water levels
1010	
1025	purgings MW-5 / 1035 collecting equipment - blank w/ second peristaltic pump
X1049	Sampling MW-5 purgings MW-1 Sampling MW-1
1150	purgings MW-2 (by septic tank) water water from pump for septic tank must have come on since conducting water levels as some water is in manhole for steel protective casing that I removed earlier
X1230	water comes to surface again on MW-2 took video + picture. Water level came up to 3ft in well, measured from TOC - top of casing - smells like sausage.
X1253	Sampling MW-2
1259	purgings MW-3 w/ second peristaltic pump
X1331	Sampling MW-3 / 1341 purgings MW-4 w/ second peristaltic pump
1341	purgings MW-4
X1405	Sampling MW-4 (Drum - Investigation Perished Waste (IDW) Purgings Dna - 15 gallon Drum generator)
1440	checked out at office
1445	off site SK-TPA for map etc, ECT office.
1520	at ECT office, unload my truck, pack 2-coolers for VPS Tracking - 601b - 12.446.785 101 9560 4283 751b - 12.446.785 01 9937 3226
1620	Calibration check on meters. Email Elizabeth Bryant w/ ASL
1700	complete = 9 hrs total 7 hours

Form FD 9000-24

SITE NAME: Safety-Kleen Systems, Inc.		SITE LOCATION: 5309 24 th Ave. South, TAMPA, FL	
WELL NO: MW-1		SAMPLE ID: MW-1-040912	DATE: 4-9-12

PURGING DATA

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): 4.73	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)				
= 12.19 feet - 4.73 feet X 0.16 gallons/foot = 1.2 gallons				
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable)				
= gallons + (gallons/foot X feet) + gallons = gallons				
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 6.0	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 6.0	PURGING INITIATED AT: 1110	PURGING ENDED AT: 1130	TOTAL VOLUME PURGED (gallons): 1.2

[illegible]

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.315" = 0.06; 2" = 0.18; 3" = 0.37; 4" = 0.68; 6" = 1.02; 8" = 1.47; 12" = 5.58
TUBING INNER DIA. CAPACITY (GAL/FT): 1 1/8" = 0.0099; 1 3/8" = 0.014; 1 7/8" = 0.0228; 2 1/8" = 0.034; 2 3/8" = 0.050; 1 3/4" = 0.010; 3" = 0.016
PURGING EQUIPMENT CODES: B = Bailer; BP = Booster Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / APPLICATION: <i>Keith E. Morrison / ECT</i>				SPILLING DATA SAMPLE(S) SIGNATURE(S): <i>Keith E. Morrison</i>				SAMPLING INITIATED AT: <i>1131</i>		SAMPLING ENDED AT: <i>1142</i>			
PUMP OR TUBING DEPTH IN WELL (feet): <i>6.0</i>				TUBING MATERIAL CODE: <i>PE</i>		FIELD-FILTERED: Y <input checked="" type="checkbox"/> (N) Filtration Equipment Type: <i>(N)</i>			FILTER SIZE: _____ μ m				
FIELD DECONTAMINATION: PUMP Y <input checked="" type="checkbox"/> (N)				TUBING Y <input checked="" type="checkbox"/> (N) (replaced)				DUPLICATE: Y <input checked="" type="checkbox"/> (N)					
SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				INTENDED ANALYSIS AND/OR METHOD		SAMPLING EQUIPMENT CODE		SAMPLE PUMP FLOW RATE (mL per minute)	
SAMPLE ID CODE	CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH							
<i>1</i>	<i>2</i>	<i>CG</i>	<i>400 ml</i>	<i>HCl</i>	<i>none</i>	<i>—</i>	<i>B260E-Vol/4h</i>	<i>RFPP</i>	<i><100</i>				
	<i>1</i>	<i>CG</i>	<i>400 ml</i>	<i>HCl</i>	<i>↓</i>	<i><2</i>	<i>B260B-Vol/4h</i>	<i>RFPP</i>	<i><100</i>				
	<i>2</i>	<i>AG</i>	<i>1L</i>	<i>HCl</i>	<i>↓</i>	<i>—</i>	<i>B2700-Semi-Vol/4h</i>	<i>APP</i>	<i>at Purge Rate</i>				
	<i>1</i>	<i>PE</i>	<i>500 ml</i>	<i>HNO3</i>	<i>↓</i>	<i><2</i>	<i>Active Fe + Mn</i>	<i>APP</i>	<i>at Purge Rate</i>				
REMARKS: <i>Q = 9.49 gal / 12h sec x 60 sec / 1 hour = 0.4891 gpm</i> <i>Slight Shear on purge water</i>													
MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)													
SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; S = Saker; SP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SSS = Sinker Method (Tubing Gravity Drain); O = Other (Specify)													
NOTES: 1. The above do not constitute all of the data collected.													

NOTES: 1. The above do not constitute all of the information required by Chapter 63-160, 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-Keen Systems, Inc. SITE LOCATION: 5309 24th Ave South, Tampa, FL
WELL NO: MW-2 SAMPLE ID: MW-2-040912 DATE: 4-9-12

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): 3.53 PURGE PUMP TYPE OR BAILER: PP
WELL VOLUME PURGED: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY
EQUIPMENT VOLUME PURGED: 1 EQUIPMENT VOL. = PUMP VOLUME X (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 5.0 FINAL PUMP OR TUBING DEPTH IN WELL (feet): 6.0 PURGING INITIATED AT: 1150 PURGING ENDED AT: 1252 TOTAL VOLUME PURGED (gallons):

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (micro units)	DISSOLVED OXYGEN (micro units)	TURBIDITY (NTU)	COLOR (describe)	ODOR (describe)
1237	1.41	1.41	0.03	4.65	6.89	25.60	1652	0.45	53.7	dark yellow	sewage
1240	0.09	1.5		4.83	7.02	24.59	1746	0.38	46.4	dark	sewage
1243	0.09	1.59		4.98	7.01	24.07	1745	0.38	43.9	dark	sewage
1246	0.09	1.68		5.04	6.99	24.39	1734	0.33	30.4	solids	odor
1249	0.09	1.77		5.25	6.95	25.12	1705	0.28	29.3	"	"
1252	0.09	1.83		5.33	6.95	25.04	1704	0.28	26.2	"	"
				Final Depth							
				Water after sampling							

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.5" = 0.06; 2" = 0.10; 3" = 0.15; 4" = 0.20; 5" = 0.25; 6" = 0.30; 8" = 0.40; 10" = 0.50; 12" = 0.60
TUBING INSIDE DIA. CAPACITY (GAL/FT): 1/8" = 0.0002; 3/16" = 0.0014; 1/4" = 0.0028; 5/16" = 0.004; 3/8" = 0.008; 1/2" = 0.016; 5/8" = 0.025
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 E. Morrison / ECT SAMPLERS SIGNATURE: Keith E. Morrison SAMPLING INITIATED AT: 1253 SAMPLING ENDED AT: 1320
PUMP OR TUBING DEPTH IN WELL (feet): 6.0 TUBING MATERIAL CODE: PE FIELD-FILTERED: Y (N) FILTER SIZE: 0.45 µm
FIELD DECONTAMINATION: PUMP Y (N) TUBING Y (N) DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-2	2	CG	40 mL	ICL	None		B2600-1000	RFP	<100
	1	CG	40 mL	HCL		2.2	B2600-1000	RFP	<100
	2	AG	1L	ICL			B2700-5000	PP	At Pump Rate
	1	PE	500 mL	HNO3		2.2	Meliss-Fermin	PP	at Pump Rate

REMARKS: Q = 0.03 gpm x 60 sec = 0.03 gpm - lowest possible Dark grey suspended solids in purge water

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

NOTES: 1. The above do not constitute all of the information required by Chapter 62-100, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
4.7 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

* Before water level came up in well water level was = 5.3 ft TOC

Form FD 9000-24

SITE NAME: Safety-Kleen Systems, Inc.		SITE LOCATION: 5309 24 th Ave. South, Tampa, FL	
WELL NO: MW-4	SAMPLE ID: MW-4-040912		DATE: 4-9-12

PURGING DATA

[illegible]

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION				SAMPLER(S) SIGNATURE(S)			SAMPLING INITIATED AT:		SAMPLING ENDED AT:			
Keith E. Morrison / ECT				Keith E. Morrison			1405		1422			
PUMP OR TUBING DEPTH IN WELL (feet)				TUBING MATERIAL CODE:			FIELD-FILTERED: Y (N)		FILTER SIZE: _____ µm			
4.0				PE			N					
FIELD DECONTAMINATION: PUMP Y (N)				TUBING Y (N) (replaced)			DUPLICATE: Y (N)					
Y (N)				Y (N)			Y (N)					
SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD		SAMPLING EQUIPMENT CODE		SAMPLE PUMP FLOW RATE (mL per minute)	
SAMPLE ID CODE	CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH						
4	2	CG	40ml	Ice	none	—	82608-Waterless		RFPP		2100	
	1	CG	40ml	HCl		<2	82608-Waterless		RFPP		<100	
	2	AG	1L	Ice		—	82709-Semi-Volatile		APP		at Pump Rate	
	1	PE	500 ml	HNO ₃		<2	Active Fraction		APP		at Pump Rate	
REMARKS:												
$Q = \frac{0.19 \text{ gal}}{126 \text{ sec}} \times \frac{60 \text{ sec}}{1 \text{ min}} = 0.099 \text{ gpm}$												
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 = Baller BP = Bladder Pump ESP = Electric Submersible Pump RFPF = Reverse Flow Peristaltic Pump SM = Squeeze Method (Tubing Gravity Drain) O = Other (Specify)												
NOTES: 1. The above do not constitute all of the information.												

NOTES: 1. The above do not constitute all of the information required by Chapter 63-108, F.A.C.
2. STAGNATION CURRENTS: SEE PAGE 10

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (REF. 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

Form FD 9000-24
GROUNDWATER SAMPLING LOG

SITE NAME: Safety-Kleen Systems, Inc.		SITE LOCATION: 5309 24 th Ave. South, TAMPA, FL	
WELL NO: MW-5		SAMPLE ID: MW-5-040912	
		DATE: 4-9-12	

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): 5.14	PURGE PUMP TYPE OR SAUER: PP
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) x WELL CAPACITY				

(only fill out if applicable)

$$\frac{12.01 \text{ ml} - 5.14 \text{ ml}}{0.16 \text{ gallons/day}} = 1.1 \text{ gallons}$$

(only fill out if applicable)

EQUIPMENT VOLUME PUMPED: 1 EQUIPMENT VOL. + PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME

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)
6.0		6.0		1025	1048	

[illegible]

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.05; 2" = 0.10; 3" = 0.37; 4" = 0.62; 5" = 1.02; 6" = 1.47; 12" = 8.88
 TUBING HOLES IN A CAPACITY (GAL/FT): 1/8" = 0.0003; 3/16" = 0.0014; 1/4" = 0.0028; 5/16" = 0.005; 3/8" = 0.009; 1/2" = 0.018; 5/8" = 0.035
 PURGING EQUIPMENT CODES: S = Sailer, BP = Booster Pump, ESP = Electric Submersible Pump, PP = Peristaltic Pump, O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT)/AFFILIATION: Keith F. Morrison / ELT		SAMPLED BY SIGNATURE: <i>Keith F. Morrison</i>		SAMPLING INITIATED AT: 1049	SAMPLING ENDED AT: 1054
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PUMP OR TUBING DEPTH IN WELL (feet): <u>6.0</u>	TUBING MATERIAL CODE: <u>PE</u>	FIELD FILTERED: <input checked="" type="checkbox"/> (N)	FILTER SIZE: <u> </u> μm
---	---------------------------------	---	---------------------------------

FIELD DECONTAMINATION:	PUMP	Y	(R)	TUBING	Y	(N) (replaced)	DUPLICATE:	Y	(N)
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SAMPLE CONTAINER SPECIFICATION	SAMPLE PRESERVATION	INTENDED	SAMPLING	SAMPLE FLUX
--------------------------------	---------------------	----------	----------	-------------

SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	ANALYSIS AND/OR METHOD	EQUIPMENT CODE	SPRINKLER FLOW RATE (mL per minute)
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W-5	1	PE	500ml	HNO ₃	None	22	Metals - Feo Mn	APP	at Flow casts
-----	---	----	-------	------------------	------	----	-----------------	-----	---------------

[illegible][illegible][illegible]

REMARKS:

$$Q = \frac{0.19 \text{ cal}}{106 \text{ sec}} \times \frac{60 \text{ sec}}{1 \text{ min}} = 0.699 \text{ m}$$

X 1035 Equipment Blank Collector
Abstr ID = Mm-6

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 = Bait; BP = Bladder Pump; ESP = Electric Submersible Pump;
RFPF = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: $\pm 5\%$ 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

PROJECT INFORMATION

Date: 4-9-12

ESL-100

SIGNED/INITIALS

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):

Instrument Calibration and Field Verification Log

Instrument Make: YSI

Model: 550 MPS

Identification: JE4

Date: (mm/dd/yy)

April 9, 2012

Sampler's Name / Signature: Karin M. Mason

Paul A. Hovum

Temp: YSI 23.3

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	icv, ccv, cal
Time	<u>800</u>	<u>1630</u>								
Standard Value	Temperature	<u>23.3 °C</u>	<u>23.4 °C</u>	°C	°C	°C	°C	°C	°C	°C
pH 4.01 S.U.	<u>4.09</u>	<u>4.08</u>								
pH 7.00 S.U.	<u>7.04</u>	<u>7.16</u>								
pH 10.00 S.U.	<u>9.91</u>	<u>9.92</u>								
Within 0.2 S.U. ?	<u>Pass / Fail</u>	<u>Pass / Fail</u>	<u>Pass / Fail</u>	<u>Pass / Fail</u>	<u>Pass / Fail</u>	<u>Pass / Fail</u>	<u>Pass / Fail</u>	<u>Pass / Fail</u>	<u>Pass / Fail</u>	<u>Pass / Fail</u>
Calibration Required?	<u>Yes / No</u>	<u>Yes / No</u>	<u>Yes / No</u>	<u>Yes / No</u>	<u>Yes / No</u>	<u>Yes / No</u>	<u>Yes / No</u>	<u>Yes / No</u>	<u>Yes / No</u>	<u>Yes / No</u>
Sampler's Initials	<u>KPM</u>	<u>KPM</u>								
Conductivity <u>500</u> µS/cm Cal	<u>502</u>	<u>503</u>								
Conductivity <u>1000</u> µS/cm Ver	<u>495</u>	<u>492</u>								
Within 5% ?	<u>Pass / Fail</u>	<u>Pass / Fail</u>	<u>Pass / Fail</u>	<u>Pass / Fail</u>	<u>Pass / Fail</u>	<u>Pass / Fail</u>	<u>Pass / Fail</u>	<u>Pass / Fail</u>	<u>Pass / Fail</u>	<u>Pass / Fail</u>
Calibration Required?	<u>Yes / No</u>	<u>Yes / No</u>	<u>Yes / No</u>	<u>Yes / No</u>	<u>Yes / No</u>	<u>Yes / No</u>	<u>Yes / No</u>	<u>Yes / No</u>	<u>Yes / No</u>	<u>Yes / No</u>
Sampler's Initials	<u>KPM</u>	<u>KPM</u>								
D.O. mg/L @ Saturation	<u>106.4</u>	<u>100.7</u>								
Within 0.3 mg/L ?	<u>Pass / Fail</u>	<u>Pass / Fail</u>	<u>Pass / Fail</u>	<u>Pass / Fail</u>	<u>Pass / Fail</u>	<u>Pass / Fail</u>	<u>Pass / Fail</u>	<u>Pass / Fail</u>	<u>Pass / Fail</u>	<u>Pass / Fail</u>
Calibration Required?	<u>Yes / No</u>	<u>Yes / No</u>	<u>Yes / No</u>	<u>Yes / No</u>	<u>Yes / No</u>	<u>Yes / No</u>	<u>Yes / No</u>	<u>Yes / No</u>	<u>Yes / No</u>	<u>Yes / No</u>
Sampler's Initials	<u>KPM</u>	<u>KPM</u>								
Membrane Last Replaced										
ORP in mV	<u>233.0</u>	<u>234 / 23.3</u>								
Within 10 mV ?	<u>Pass / Fail</u>	<u>Pass / Fail</u>	<u>Pass / Fail</u>	<u>Pass / Fail</u>	<u>Pass / Fail</u>	<u>Pass / Fail</u>	<u>Pass / Fail</u>	<u>Pass / Fail</u>	<u>Pass / Fail</u>	<u>Pass / Fail</u>
Calibration Required?	<u>Yes / No</u>	<u>Yes / No</u>	<u>Yes / No</u>	<u>Yes / No</u>	<u>Yes / No</u>	<u>Yes / No</u>	<u>Yes / No</u>	<u>Yes / No</u>	<u>Yes / No</u>	<u>Yes / No</u>
Sampler's Initials	<u>KPM</u>	<u>KPM</u>								

Calibration Solutions	Manufacturer	Lot Number	Expiration Date
pH 4.01 S.U.	<u>EXA01</u>	<u>110824A</u>	<u>8-12</u>
pH 7.00 S.U.		<u>101014A</u>	<u>4-12</u>
pH 10.00 S.U.		<u>110225A</u>	<u>9-12</u>
Conductivity <u>500</u> µS/cm Cal		<u>110824C</u>	<u>8-12</u>
Conductivity <u>1000</u> µS/cm Ver		<u>110824B</u>	<u>8-12</u>
ORP <u>231</u> mV @ <u>25</u> °C	<u>YSI</u>	<u>110190290</u>	<u>9/20/12</u>

Notes Cal = Calibration

ICV = Initial Calibration Verification

CCV = Continued Calibration Verification

This form meets or exceeds the requirements of FDEP Form FD 6000-8

P:\A&R\DEPT\QAI\YSI calibration.xls

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

Standard C 336 "

SYTRA

April 9, 2012

Revision Date: February 1, 2004

PROJECT INFORMATION

Project & Task #: 120043-01W

Date: 7-2-77

DAY LOG

Time	Comments
900	at ECT office, loading T-7. Calibration check on meters
930	- van billabg = 0.5 hrs
1130	finish loading T-7
1150	off for ICA water, Safety Klean at TAMPA (SK-TPA)
1220	at Safety Klean - at TAMPA. Checked out office. SSS 1 & gate code
1230	opening all Monitoring wells
1245	Taking water levels
1301	purging MW-2
1406	Septic tank pump clicked on + septic water came to surface + flowed into 8" steel man hole + down well.
x 1409	sampling MW-2
1432	cleaning up / Drive IDW purge. Under same 15 gal down as last time. no response at it.
1500	checked out at office.
1501	off to SK-TPA to buy cooler at Target
1515	at Target for larger cooler as cooler ASI sent too small, all ID will melt
1535	off to store for IC. ECT office
1545	at ECT office, pack cooler. ¹⁵⁴⁵ Calibration check on meters
1630	Complete = 5.5 hrs. 2nd 2 hours

Form FD 2000-24

SITE NAME: Safety-Kleen Systems, Inc.		SITE LOCATION: 5309 24 th Ave. South, TAMPA, FL	
WELL NO: MW-2		DATE: 7-2-72	

PURGING DATA

[illegible]

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION <i>Ralph Morrison / ECT</i>		SAMPLING SIGNATURE <i>Ralph J. Morrison</i>		SAMPLING INITIATED AT: <i>1409</i>		SAMPLING SNOED AT: <i>1432</i>	
PUMP OR TUBING DEPTH IN WELL (feet): <i>3.0</i>		TUBING MATERIAL CODE: <i>PE</i>		FIELD-FILTERED: Y <input checked="" type="checkbox"/> (N)		FILTER SIZE: _____ μ m	
FIELD DECONTAMINATION: PUMP Y <input checked="" type="checkbox"/> TUBING Y <input checked="" type="checkbox"/> (N) (Optional)		DUPPLICATE: Y <input checked="" type="checkbox"/> (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
<i>2</i>	<i>2</i>	<i>GL</i>	<i>40 mL</i>	<i>Ice</i>	<i>N/A</i>	<i>—</i>	<i>H260B-F11</i>
	<i>1</i>	<i>CG</i>	<i>40 mL</i>	<i>HCL</i>	<i>1</i>	<i>< 2</i>	<i>H260B-F11</i>
	<i>2</i>	<i>AG</i>	<i>1L</i>	<i>Ice</i>	<i>↓</i>	<i>—</i>	<i>H270D</i>
REMARKS: <i>Q = $\frac{0.14 \text{ gal}}{240 \text{ Sec}} \times 60 \frac{\text{Sec}}{\text{min}} = 0.03 \text{ gpm}$ - slowest possible pump rate w/ gas pump 2 <i>1407X system took 14 min to install pump water came to surface after 1 min.</i></i>							
MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)							
SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPF = Reverse Flow Peristaltic Pump; S/G = Squeeze Method (Tubing Gravity Drain); O = Other (Specify)							
NOTES: 1. The above do not constitute all of the information required for a complete record of the sampling process.							

NOTES: 1. The above do not constitute all of the information required by Chapter 43-101, 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 optionally, ± 0.2 mg/L or $\pm 10\%$ (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or $\pm 10\%$ (whichever

Revision Date: Feb

0002 31, 2008

PROJECT INFORMATION

Date: 7-2-72

LEVEL DATA

SIGNED INITIALS		EQUIPMENT DESCRIPTION & DECONTAMINATION
Measured by: <u>Katie Morrison</u>	Date: <u>7-2-12</u>	Description ID or S/N: _____
Recorded by: <u>Kellie Morrison</u>	Date: <u>7-2-12</u>	Decontaminate between wells? <input checked="" type="radio"/> Y or N (Circle One)
Reviewed by: _____	Date: _____	Procedure 4.1.9.1 (Y or N) or other (describe): _____

Safety-Kleen - TAMPA

Instrument Calibration and Field Verification Log

Instrument Make: YSI

Model: 556 MPS Identification:

Date: (mm/dd/yyyy) July 2, 2012

Sampler's Name / Signature: Keith F. Monahan (Keith F. Monahan)

Temp: YSI

Temp: NIST

Procedure Type: ICV, CCV, Cal	Time	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
Standard Value	Temperature	24.7 °C	24.5 °C	°C	°C	°C	°C	°C	°C	°C
pH 4.01 S.U.		4.64	4.05							
pH 7.00 S.U.		7.01	7.04							
pH 10.00 S.U.		9.96	9.94							
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	504							
Conductivity 1000 µS/cm Ver		992	993							
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		99.6	99.1							
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		228.8	229.0							
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.	Exaktol	110824A	08/2012
pH 7.00 S.U.		120229A	09/2013
pH 10.00 S.U.		110228A	09/
Conductivity 500 µS/cm Cal		110824C	
Conductivity 1000 µS/cm Ver		110824C	
ORP 251 mV @ 25 °C	Y9F	10610047	

Notes Cal = Calibration

ICV = Initial Calibration Verification

CCV = Continued Calibration Verification

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

P:\A&R\DEPT\QAI\YSI calibration.xls

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

Standard A 3.57 NTUS

Standard B 32.3

Standard C 342

SK-TPA
SUN

ECT DAILY FIELD LOG

PROJECT INFORMATION

Project & Task #: 120043-0100

Date: 7-16-12

DAY LOG

Time	Comments																		
715	loading my truck.																		
730	off to Safety Klean at Tampa (SK-TPA)																		
900	on site at SK-TPA - Preferral Drillers on site. checking in w/ Tony Hill as John Walters on Personal Leave. Going over Site Specific Tailgate HAZOP + Safety meeting																		
	<table border="1"> <thead> <tr> <th>Company</th><th>Name (Print)</th><th>Signature</th></tr> </thead> <tbody> <tr> <td>ECT</td><td>Keith Morrison</td><td>Keith Morrison</td></tr> <tr> <td>Preferral Drilling Solutions (PDS)</td><td>Leonel Noya</td><td>Leonel Noya</td></tr> <tr> <td>PDS</td><td>Greg Campbell</td><td>Greg Campbell</td></tr> <tr> <td>PDS</td><td>Sergio Guerra</td><td>Sergio Guerra</td></tr> <tr> <td>PDS</td><td></td><td></td></tr> </tbody> </table>	Company	Name (Print)	Signature	ECT	Keith Morrison	Keith Morrison	Preferral Drilling Solutions (PDS)	Leonel Noya	Leonel Noya	PDS	Greg Campbell	Greg Campbell	PDS	Sergio Guerra	Sergio Guerra	PDS		
Company	Name (Print)	Signature																	
ECT	Keith Morrison	Keith Morrison																	
Preferral Drilling Solutions (PDS)	Leonel Noya	Leonel Noya																	
PDS	Greg Campbell	Greg Campbell																	
PDS	Sergio Guerra	Sergio Guerra																	
PDS																			
815	checking in w/ SK-TPA and getting badges. move to MW-6D and putting down rubber mats so drill rig won't get stuck + to avoid creating big Ruts. SK-TPA provided four 55-gallon drums to contain Investigation Derived Waste (IDW) Soil Drill rig up 210ft NW of MW-2A ^{down gradient of MW-2} 3-phase line present - had to make track off to west due to OSHA requirements on power line.																		
	Put hole to 3 ft bts - rocks, shells, piece of pipe?																		
X 915	collected soil sample for TOC analysis at 5ft bts, DP-5-10 ^{direct from hammer}																		
~ 925	collected " " " " 10ft bts, DP-10-15																		
X 930	collected " " " " 15ft bts, DP-15-20																		
940	MU clay gets clay at 21ft - 25ft maximum. called Rick Stensky, will set surface casing to 25 ft bts inside 12" Keller Stem Auger (HSA)																		
1010	set MW-6D 6" surface casing to 25 ft bts. Mixed grout, pump in grout																		
1130	completed grouting 25' of 6" surface casing. Decanned																		
1145	PDS + ECT off site. Keith off to Bus Station - Grayhound to ship 3 - TOC soil samples to ENCO Lakes in Orlando																		
1215	shipped cooler @ grayhound bus station. off to ECT office																		
1240	at ECT office																		
1245	complete = 5.5 hrs Keith Morrison - 30 miles on personal vehicle																		

ECT DAILY FIELD LOG

PROJECT INFORMATION

SK-TPA

Project & Task #: 120043-0100

Date: 7-17-12

DAY LOG

Time	Comments															
730	off for tea, water : Safety Klean of TAMPA (SK-TPA)															
805	at Safety-Klean - TAMPA ^(SK-TPA) , Prepared onsite, checking in at gate. Car on way, going to get coaks moved so we can get drill rig moved out. Tom Hill said w/ PDEP came by yesterday. Going over daily health & safety meeting															
<table><tr><th>Emp/pt</th><th>Name (Print)</th><th>Signature</th></tr><tr><td>ECT</td><td>Keith F Morrison</td><td><i>Keith F Morrison</i></td></tr><tr><td>Proform Drilling Solutions (PDS)</td><td>Josh Cleveland</td><td><i>Josh Cleveland</i></td></tr><tr><td>PDS</td><td></td><td></td></tr><tr><td>PDS</td><td>Leonei Nopel</td><td><i>Leonei Nopel</i></td></tr></table>		Emp/pt	Name (Print)	Signature	ECT	Keith F Morrison	<i>Keith F Morrison</i>	Proform Drilling Solutions (PDS)	Josh Cleveland	<i>Josh Cleveland</i>	PDS			PDS	Leonei Nopel	<i>Leonei Nopel</i>
Emp/pt	Name (Print)	Signature														
ECT	Keith F Morrison	<i>Keith F Morrison</i>														
Proform Drilling Solutions (PDS)	Josh Cleveland	<i>Josh Cleveland</i>														
PDS																
PDS	Leonei Nopel	<i>Leonei Nopel</i>														
830	Setting up well install supplies. Moving drums up off grass to asphalt area for SK-TPA to store/ dispose															
900	Set up mud tub for mud rotary drilling. Mixing MWD															
930	Drilling out Surface casing w/ 4" roller bit.															
1000	Direct push hammer on macrocore samples 25-30 ft b/s - clay															
1015	Sampled 30-35 - NO recovery + little to no drilling resistance, will sample 30-35 ft b/s															
1045	35-40 - Clayey silt to 37, 37-38.5 - extended carbonate mud, weathered limestone 38.5-40 ft b/s. called rock Stearnsky. likely no permeable clay-silt-cut from 38.5 ft b/s where no recovery, will try to sample 40-48 ft but will likely encounter refusal. Refusal at 43 ft b/s. will log 43-48 from drill cuttings.															
1110	PDEP onsite - Elizabeth Krugos - she came by yesterday but we had already															
1130	Set surface casing + left the site, using drilling mud. will get well screened 41-46 ft b/s w/ 2' sump or bottom to 48 ft b/s. filter pack to 39 ft w/ 2 ft fine sand (30/65)															
1200	Seal then grade. Filling water tank on Drill Rig / 1230 Tank finally full, correction to 48 ft															
1230	drilling mud. Drilling to 48 ft b/s. Last circulation at 54 ft b/s. max max drilling mud. Resume drilling to 48 ft b/s															
1330	Set MW-6D to 48 ft b/s w/ 2 ft sump. well screened 41-46 ft b/s. Adding 30/45 filter pack through tremmie pipe to 2 ft above screen. add 2 ft fine sand seal															
1350	Mixing Next Cement Grout / Adding grout via tremmie pipe method.															
1450	pumping out Drilling mud															
1515	Trying to pull out drill rig / Keep having to move rubber mats															
1620	Devolving MW-6D + Completing pad. / 1650 Completed Devel															
1715	Survey in MW-6D / Cleaning up moving drill rig out															
1730	PDS + ECT off site SK-TPA															
1730	At London - complete - 10 hrs															

PROJECT INFORMATION

Date: 7-19-12

Comments

at Seven 55-gallon drums generated - ④ Soil; ① Drill mud; ① MW-6D - Dr
 water; ① purge
 1630 off-site - SKTR-60 Condo
 ① Sample purge water
 & slug test water
 1645 at Condo - Complete 9.5 hrs PAGE 1 OF 1
 DAYLOG WK4
 MW-1, MW-2, MW-3, MW-4, MW-5, MW-6

Form FD 3000-24

SITE NAME: Safety Klean of TAMPA		SITE LOCATION: SAFETY-Klean Systems, Inc. TAMPA, FL	
WELL NO: MW-1	SAMPLE ID: MW-1 - 071912	DATE: 7-19-12	

PURGING DATA

[illegible]

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: <i>Ron Alcock</i>			SAMPLER(S) SIGNATURE(S): <i>[Signature]</i>			PUMPING INITIATED AT: <i>1252</i>		SAMPLING ENDED AT: <i>1220</i>	
PUMP OR TUBING DEPTH IN WELL (feet): <i>2.5</i>			TUBING MATERIAL CODE: <i>PE</i>			FIELD FILTERED: Y <i>(N)</i> Filtering Equipment Type:		FILTER SIZE: _____ μm	
FIELD DECONTAMINATION: PUMP Y <i>(N)</i>			TUBING Y <i>(N)</i> (replaced)			DUPLICATE: Y <i>(N)</i>			
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			
-1	2	CG	40 ml	HCl	N/A	—	9260-Valley	RFPF	~100
	1	CG	40 ml	HCl	↓	<2	9260-Valley	RFPF	~100
	2	AG	h	HCl	↓	—	92700 Valley	APP	ST Ridge Auto
REMARKS:									
MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)									
SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Boiler; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPF = Reverse Flow Peristaltic Pump; GM = Straw Method (Tubing Gravity Drain); O = Other (Specify)									

NOTES: 1. The above do not constitute all of the information required by Chapter 65-160, 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, ± 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

SITE NAME: Safety Kiosk at TAMU

LOCATION SAFETY-Kleen Systems, Inc. TAMPA, FL

WELL NO: MW-2

SAMPLE ID: MW-2-071912

DATE: 7-19-12

[illegible]

WELL DIAMETER (Inches):	2	TUBING DIAMETER (Inches):	1/2	WELL SCREEN INTERVAL DEPTH:	2 feet to 12 feet	STATIC DEPTH TO WATER (feet):	0.86	PURGE PUMP TYPE OR BAILER:	PP
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WELL VOLUME FORM: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)

EQUIPMENT VOLUME FORMULA: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME

gallons ÷		gallons/foot X		feet ÷		gallons =	
INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	2.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	2.5	PURGING INITIATED AT:	956	PURGING ENDED AT:	1134
				TOTAL VOLUME PURGED (gallons): 52			

[illegible]

WELL CAPACITY (Gallons Per Foot): 0.7" = 0.02; 1" = 0.04; 1.5" = 0.06; 2" = 0.10; 3" = 0.17; 4" = 0.26; 5" = 0.42; 6" = 0.74; 8" = 1.47; 12" = 3.50
 THERMO WIRE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0002; 3/16" = 0.0014; 1/4" = 0.0028; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.012; 5/8" = 0.018
 PURGING EQUIPMENT CODES: B = Bailer; BP = Booster Pump; ESP = Electric Submersible Pump; EP = Submersible Pump; C = Other (Specify)

SAMPLED BY (PRINT) / AFFILIATION:				SAMPLER SIGNATURE(S)			SAMPLING INITIATED AT:	SAMPLING ENDED AT:
PUMP OR TUBING DEPTH IN WELL (feet):				TUBING MATERIAL CODE:		FILTERED: Y/N Filtering Equipment Type:	FILTER SIZE: _____ µm	
FIELD DECONTAMINATION: PUMP Y/N				TUBING Y/N (replaced)			DUPLICATE: Y/N	
SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH		
<i>C-2</i>	<i>2</i>	<i>CG</i>	<i>40 mL</i>	<i>HCL</i>	<i>NONE</i>	<i>-</i>	<i>BZ60-Volatile Organics</i>	RFPF
	<i>1</i>	<i>CG</i>	<i>40 mL</i>	<i>HCL</i>	<i>↓</i>	<i>< 2</i>	<i>BZ60-volatile organics</i>	RFPF
	<i>2</i>	<i>AG</i>	<i>IL</i>	<i>Ic</i>	<i>↓</i>	<i>-</i>	<i>BZ60-Volatiles</i>	APP
REMARKS: $Q = \frac{0.139 \text{ gal}}{292 \text{ sec}} \times \frac{60 \text{ sec}}{1 \text{ min}} = 0.02 \text{ gpm} - \text{slowest possible pump rate}$								
MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polystyrene; S = Silicone; T = Teflon; O = Other (Specify)								
SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bellows; BP = Bladder Pump; EBP = Electric Submersible Pump; RFPF = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)								

SAMPLER BY (PRINT) / AFFILIATION: Kathy E. Morrison / ECT		SAMPLER SIGNATURE: Kathy E. Morrison		SAMPLING INITIATED AT: 1135	SAMPLING ENDED AT: 1740
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FLAP OR TUBING DEPTH IN WELL (feet) 2.5	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y Filteration Equipment Type: ①	FILTER SIZE: — μ m
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FIELD DECONTAMINATION: PUMP Y <i>(P)</i>		TUBING Y <i>(replaced)</i>		DUPLICATE: Y <i>(N)</i>	
SAMPLE CONTAINER SPECIFICATION		SAMPLE PRESERVATION		ANALYSIS	

[illegible]
$$Q = \frac{0.13 \text{ gal}}{2.93 \text{ sec}} \times \frac{60 \text{ sec}}{1 \text{ min}} \approx 0.02 \text{ gal-min}^{-1} \text{ slowest possible pump rate}$$

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

RFPF = Reverse Flow Perforated Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 63-100, 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

Form FD 9000-24

SITE NAME: Safety-Kleen of TAMPA		SITE LOCATION: SAFETY-Kleen Systems, Inc. TAMPA, FL	
WELL NO: MW-3	SAMPLE ID: MW-3 -071912	DATE: 7-19-12	

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): 0.67	PURGE PUMP TYPE OR SAILER: 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 - 0.67 feet x 0.16 gallons/foot = 1.85 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): 2.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 2.5	PUMPING INITIATED AT: 908	PUMPING ENDED AT: 1001	TOTAL VOLUME PUMPED (gallons): 2.12
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[illegible]

WELL CAPACITY (Gallons Per Foot): 0.9"=0.02; 1"=0.04; 1.5"=0.06; 2"=0.10; 3"=0.17; 4"=0.26; 6"=0.52; 8"=1.02; 10"=1.47; 12"=2.28
 THINWALL RING DIA. CAPACITY (GAL./F.): 16"=0.0009; 24"=0.0014; 36"=0.0022; 48"=0.0034; 60"=0.0052; 72"=0.0076; 84"=0.0106; 96"=0.0146
 PUMPING EQUIPMENT CODES: S=Solar; SP=Shallow Pump; SSP=Electric Submersible Pump; PP=Peristaltic Pump; O=Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: R. J. J. / IECT		SAMPLED SIGNATURE(S): [Signature]		SAMPLING INITIATED AT: 11/6/1	SAMPLING ENDED AT: 1025
PUMP OR TUBING DEPTH IN WELL (Feet): 2.5		TUBING MATERIAL CODE: PE	FIELD FILTERED: Y Filter Element Type: [Symbol]	FILTER SIZE: _____ μm	
FIELD DECONTAMINATION: PUMP Y <input checked="" type="checkbox"/>		TUBING Y <input checked="" type="checkbox"/> (if replaced)		DUPLICATE: Y <input checked="" type="checkbox"/>	

[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 = Aftor Peristaltic Pump; S = Sator; SP = Shallow Pump; SSP = Electric Submersible Pump;
RPP = Reverse Flow Peristaltic Pump; SM = Srew Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 63-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE F8 2212, SECTION 5)

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 9006-34

SITE NAME: Safety Klean of Tampa

LOCATION SAFETY-Kleen Systems, Inc. TAMPA, FL

WELL NO: nw-4

SAMPLE ID: MW-4 - 071912

DATE: 7-19-12

[illegible]

WELL DIAMETER (inches) 2	TUBING DIAMETER (inches) 1/8	WELL SCREEN INTERVAL DEPTH 2 feet 12 feet	STATIC DEPTH TO WATER 2 ft 2	PURGE PUMP TYPE 21
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WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY
(only if not a constant)

EQUIPMENT VOLUME: 12.37 EQUIPMENT VOL. - 0.82 EQUIPMENT VOL. x 0.16 EQUIPMENT VOL. - 1.85 EQUIPMENT VOL.

(only fill out if applicable)

INITIAL PUMP OR TUBING DEPTH (IN FEET)	FINAL PUMP OR TUBING DEPTH (IN FEET)	PURGING (HOURS)	PURGING (GALLONS)	TOTAL VOLUME (GALLONS)
2.5	3.0	1.37	1.37	

DATE	TIME	DEPTH IN WELL	TEMP	INITIATED AT	ENDED AT	PURGED (gallons)
11/23	11:23	2.12				

TIME	VOLUME PURGED	VOLUME PURGED	PURGE RATE	TO WATER	IN (standard)	TEMP. (°C)	(high unit)	OXYGEN (high unit)	TURBIDITY (NTU)	COLOR (color unit)	ODOR (odor unit)
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[illegible]

147	1.88	1.88	1.94	2.91	6.68	32.3%	80.72	10.33	2.94	Clear-ISP.2
148	1.2	1.2	1.2	1.2	6.48	32.3%	80.72	10.33	2.94	Clear-ISP.2

1123	12	2.11	0.01	0.31	6.68	29.96	2091	0.14	3.71		100.0
------	----	------	------	------	------	-------	------	------	------	--	-------

[illegible][illegible][illegible][illegible][illegible][illegible]

WELL CAPACITY (Gallons Per Foot) 4"=0.02 6"=0.04 8"=0.06 10"=0.08 12"=0.10 14"=0.12 16"=0.14 18"=0.16 20"=0.18 22"=0.20 24"=0.22 26"=0.24 28"=0.26 30"=0.28 32"=0.30 34"=0.32 36"=0.34 38"=0.36 40"=0.38 42"=0.40 44"=0.42 46"=0.44 48"=0.46 50"=0.48 52"=0.50 54"=0.52 56"=0.54 58"=0.56 60"=0.58 62"=0.60 64"=0.62 66"=0.64 68"=0.66 70"=0.68 72"=0.70 74"=0.72 76"=0.74 78"=0.76 80"=0.78 82"=0.80 84"=0.82 86"=0.84 88"=0.86 90"=0.88 92"=0.90 94"=0.92 96"=0.94 98"=0.96 100"=0.98 102"=1.00 104"=1.02 106"=1.04 108"=1.06 110"=1.08 112"=1.10 114"=1.12 116"=1.14 118"=1.16 120"=1.18 122"=1.20 124"=1.22 126"=1.24 128"=1.26 130"=1.28 132"=1.30 134"=1.32 136"=1.34 138"=1.36 140"=1.38 142"=1.40 144"=1.42 146"=1.44 148"=1.46 150"=1.48 152"=1.50 154"=1.52 156"=1.54 158"=1.56 160"=1.58 162"=1.60 164"=1.62 166"=1.64 168"=1.66 170"=1.68 172"=1.70 174"=1.72 176"=1.74 178"=1.76 180"=1.78 182"=1.80 184"=1.82 186"=1.84 188"=1.86 190"=1.88 192"=1.90 194"=1.92 196"=1.94 198"=1.96 200"=1.98 202"=2.00 204"=2.02 206"=2.04 208"=2.06 210"=2.08 212"=2.10 214"=2.12 216"=2.14 218"=2.16 220"=2.18 222"=2.20 224"=2.22 226"=2.24 228"=2.26 230"=2.28 232"=2.30 234"=2.32 236"=2.34 238"=2.36 240"=2.38 242"=2.40 244"=2.42 246"=2.44 248"=2.46 250"=2.48 252"=2.50 254"=2.52 256"=2.54 258"=2.56 260"=2.58 262"=2.60 264"=2.62 266"=2.64 268"=2.66 270"=2.68 272"=2.70 274"=2.72 276"=2.74 278"=2.76 280"=2.78 282"=2.80 284"=2.82 286"=2.84 288"=2.86 290"=2.88 292"=2.90 294"=2.92 296"=2.94 298"=2.96 300"=2.98 302"=3.00 304"=3.02 306"=3.04 308"=3.06 310"=3.08 312"=3.10 314"=3.12 316"=3.14 318"=3.16 320"=3.18 322"=3.20 324"=3.22 326"=3.24 328"=3.26 330"=3.28 332"=3.30 334"=3.32 336"=3.34 338"=3.36 340"=3.38 342"=3.40 344"=3.42 346"=3.44 348"=3.46 350"=3.48 352"=3.50 354"=3.52 356"=3.54 358"=3.56 360"=3.58 362"=3.60 364"=3.62 366"=3.64 368"=3.66 370"=3.68 372"=3.70 374"=3.72 376"=3.74 378"=3.76 380"=3.78 382"=3.80 384"=3.82 386"=3.84 388"=3.86 390"=3.88 392"=3.90 394"=3.92 396"=3.94 398"=3.96 400"=3.98 402"=4.00 404"=4.02 406"=4.04 408"=4.06 410"=4.08 412"=4.10 414"=4.12 416"=4.14 418"=4.16 420"=4.18 422"=4.20 424"=4.22 426"=4.24 428"=4.26 430"=4.28 432"=4.30 434"=4.32 436"=4.34 438"=4.36 440"=4.38 442"=4.40 444"=4.42 446"=4.44 448"=4.46 450"=4.48 452"=4.50 454"=4.52 456"=4.54 458"=4.56 460"=4.58 462"=4.60 464"=4.62 466"=4.64 468"=4.66 470"=4.68 472"=4.70 474"=4.72 476"=4.74 478"=4.76 480"=4.78 482"=4.80 484"=4.82 486"=4.84 488"=4.86 490"=4.88 492"=4.90 494"=4.92 496"=4.94 498"=4.96 500"=4.98 502"=5.00 504"=5.02 506"=5.04 508"=5.06 510"=5.08 512"=5.10 514"=5.12 516"=5.14 518"=5.16 520"=5.18 522"=5.20 524"=5.22 526"=5.24 528"=5.26 530"=5.28 532"=5.30 534"=5.32 536"=5.34 538"=5.36 540"=5.38 542"=5.40 544"=5.42 546"=5.44 548"=5.46 550"=5.48 552"=5.50 554"=5.52 556"=5.54 558"=5.56 560"=5.58 562"=5.60 564"=5.62 566"=5.64 568"=5.66 570"=5.68 572"=5.70 574"=5.72 576"=5.74 578"=5.76 580"=5.78 582"=5.80 584"=5.82 586"=5.84 588"=5.86 590"=5.88 592"=5.90 594"=5.92 596"=5.94 598"=5.96 600"=5.98 602"=6.00 604"=6.02 606"=6.04 608"=6.06 610"=6.08 612"=6.10 614"=6.12 616"=6.14 618"=6.16 620"=6.18 622"=6.20 624"=6.22 626"=6.24 628"=6.26 630"=6.28 632"=6.30 634"=6.32 636"=6.34 638"=6.36 640"=6.38 642"=6.40 644"=6.42 646"=6.44 648"=6.46 650"=6.48 652"=6.50 654"=6.52 656"=6.54 658"=6.56 660"=6.58 662"=6.60 664"=6.62 666"=6.64 668"=6.66 670"=6.68 672"=6.70 674"=6.72 676"=6.74 678"=6.76 680"=6.78 682"=6.80 684"=6.82 686"=6.84 688"=6.86 690"=6.88 692"=6.90 694"=6.92 696"=6.94 698"=6.96 700"=6.98 702"=7.00 704"=7.02 706"=7.04 708"=7.06 710"=7.08 712"=7.10 714"=7.12 716"=7.14 718"=7.16 720"=7.18 722"=7.20 724"=7.22 726"=7.24 728"=7.26 730"=7.28 732"=7.30 734"=7.32 736"=7.34 738"=7.36 740"=7.38 742"=7.40 744"=7.42 746"=7.44 748"=7.46 750"=7.48 752"=7.50 754"=7.52 756"=7.54 758"=7.56 760"=7.58 762"=7.60 764"=7.62 766"=7.64 768"=7.66 770"=7.68 772"=7.70 774"=7.72 776"=7.74 778"=7.76 780"=7.78 782"=7.80 784"=7.82 786"=7.84 788"=7.86 790"=7.88 792"=7.90 794"=7.92 796"=7.94 798"=7.96 800"=7.98 802"=8.00 804"=8.02 806"=8.04 808"=8.06 810"=8.08 812"=8.10 814"=8.12 816"=8.14 818"=8.16 820"=8.18 822"=8.20 824"=8.22 826"=8.24 828"=8.26 830

PURGING EQUIPMENT CODES: G = Goler; GP = Golder Pump; ESP = Electric Submersible Pump; PP = Pistonless Pump; O = Other (Specify)

SAMPLED BY (PRINT) / AFFILIATION		SAMPLE SIGNATURE(S)		SAMPLING INITIATED AT:		SAMPLING ENDED AT:			
Boaz Abark / ECT		[Signature]		11:23		17:00			
PUMP OR TUBING DEPTH IN WELL (feet): 2.5		TUBING MATERIAL CODE: PE		FIELD FILTERED: Y <input checked="" type="checkbox"/> Filtration Equipment Type: [Symbol]		FILTER SIZE: _____ µm			
FIELD DECONTAMINATION: PUMP Y <input checked="" type="checkbox"/> TUBING Y <input checked="" type="checkbox"/> (replaced)				DUPLICATE: Y <input checked="" type="checkbox"/> (N)					
SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION		INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)	
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)				FINAL pH
14	2	CG	40 mL	ITC	None	—	9260-Volatiles	RFPD	6100
	1	CG	40 mL	HCL		6.2	9260-Volatiles	RFPD	6100
	2	AG	L	ITC		—	9270-Volatiles	APP	47 Pump 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 Poststatic Pump; B = Bailer; GP = Gladder Pump; SSP = Elastic Submersible Pump; RFPD = Reverse Flow Poststatic Pump; SM = Sream Method (Tubing Gravity Drain); O = Other (Specify)									

SAMPLING DATA			
SAMPLED BY (PRINT) / AFFILIATION	SAMPLED SIGNATURE(S)	SAMPLE NO.	SAMPLE DATE
3 /			

1902 Newark	ECI	CH Ned	INITIATED AT: 1123	ENDED AT: 1700
PUMP OR TUBING		TUBING		

DEPTH IN WELL (feet): 2.5 MATERIAL CODE: PE FIELD-FILTERED: Y FILTER SIZE: μ m
 Filtration Equipment Type:

PRESS DISCOUNT AIRPORT FORT		POW	Y	②	TUBING	Y	(Replaced)	DUPICATE:	Y	②
SAMPLE CONTAINER SPECIFICATION		SAMPLE DESCRIPTION			ANALYSIS METHOD			ANALYSIS DATE		

SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE			TOTAL VOL	FINAL	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT	SAMPLE PUMP FLOW RATE
				1	2	3					

DATE	TIME	LOCATION	OFFICER	UNIT	ADDED IN FIELD (Y/N)	REMARKS	DATE	TIME	LOCATION	OFFICER	UNIT	ADDED IN FIELD (Y/N)	REMARKS
1-11	2	CG	40nd	IC	None		1	224-1400	SP				

1	1	CG	Yone	HCH	1	L2	18260.volatile	RFPP	2100
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2	HR	L	TR	↓	—	12/10/2021	APP	19/10/2021
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[illegible][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 Potable Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump;
RPP = Reverse Flow Potability Pump; S = Shovel Method (Shovel, Scoop, Dredge, etc.); C = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 63-166, F.A.C.
2. STAGE STATION: CEMENTAL, 300' EAST OF CEMENTAL STATION.

M6

DRF

Form FD 9000-24

SITE NAME: Safety Klean of TAMPA		SITE LOCATION: SAFETY-Klean Systems, Inc. TAMPA, FL	
WELL NO: MW-6D		SAMPLE ID: MW-6D-071912	DATE: 7-19-12

PURGING DATA

[illegible]

SAMPLING DATA

SAMPLED BY (PRINT) / APPLICATION Keith F. Morrison / ECT		EXPOSURE SIGNATURES North Z. Noun		SAMPLING INITIATED AT 7:05	SAMPLING ENDED AT: 1025	
PUMP OR TUBING DEPTH IN WELL (feet) 43.5		TUBING MATERIAL CODE: PE		FIELD-FILTERED: Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	FILTER SIZE: _____ mm	
FIELD DECONTAMINATION: PUMP Y <input checked="" type="checkbox"/> TUBING Y <input checked="" type="checkbox"/> (Impressed)				DUPPLICATE: Y <input checked="" type="checkbox"/> N <input type="checkbox"/>		
SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION		
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH
b6D	2	CG	40 mL	HCL	NONE	-
	1	CG	40 mL	HCL	↓	< 2
	2	AG	1 L	HCL	↓	-
REMARKS: $G = \frac{0.13 \text{ gal}}{52 \text{ sec}} \times \frac{60 \text{ sec}}{1 \text{ min}} = 0.15 \text{ gpm}$ x 950 equipment Blank Collected 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; DDP = Electric Submersible Pump; RPPF = 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 68-10A, 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

Instrument Calibration and Field Verification Log

Instrument Make: YSI
 Sampler's Name / Signature: [Signature]

Model: 556 MPS Identification: 4

Date: (mm/dd/yy) 7/19/12

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	ICV, CCV, Cal
Time	0630	1445								
Standard Value	Temperature	23.77 °C	23.81 °C	°C	°C	°C	°C	°C	°C	°C
pH 4.01 S.U.	4.11	4.0								
pH 7.00 S.U.	6.97	7.02								
pH 10.00 S.U.	9.17	10.03								
Within 0.2 S.U.?	Pass / Fail	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	Yes / No
Sampler's Initials	<u>[Signature]</u>	<u>[Signature]</u>								
Conductivity <u>500</u> µS/cm Cal	518	499								
Conductivity <u>100</u> µS/cm Ver	100	101								
Within 5%?	Pass / Fail	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	Yes / No
Sampler's Initials	<u>[Signature]</u>	<u>[Signature]</u>								
D.O. mg/L @ Saturation	100.5 %	95.67								
Within 0.3 mg/L?	Pass / Fail	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	Yes / No
Sampler's Initials	<u>[Signature]</u>	<u>[Signature]</u>								
Membrane Last Replaced										
ORP in mV	233.1	233.3								
Within 10 mV?	Pass / Fail	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	Yes / No
Sampler's Initials	<u>[Signature]</u>	<u>[Signature]</u>								

Calibration Solutions	Manufacturer	Lot Number	Expiration Date
pH 4.01 S.U.	EXA101	110824A	8/12
pH 7.00 S.U.	"	120229A	9/13
pH 10.00 S.U.	"	110228A	9/12
Conductivity <u>500</u> µS/cm Cal	"	110824C	8/12
Conductivity <u>100</u> µS/cm Ver	"	120229C	9/12
ORP <u>234</u> mV @ <u>23</u> °C	YSI Zehel	12610067	10/12

Notes Cal = Calibration

ICV = Initial Calibration Verification

CCV = Continued Calibration Verification

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

P:\A&R\DEPT\QA\YSI calibration.xls

Instrument Calibration and Field Verification Log

Instrument Make: YSI
 Sampler's Name / Signature: _____

Model: 556 MPS Identification: 2

Date: (mm/dd/yy) 7/19/12

Temp: YSI _____ Temp: NIST _____

Procedure Type: ICV, CCV, Cal	Time	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
Standard Value	Temperature	24.02 °C	23.98 °C	°C	°C	°C	°C	°C	°C	°C
pH 4.01 S.U.		4.13	4.07							
pH 7.00 S.U.		6.98	7.1							
pH 10.00 S.U.		10.01	10.01							
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		<u>R</u>	<u>R</u>							
Conductivity <u>500</u> µS/cm Cal		498	501							
Conductivity <u>100</u> µS/cm Ver		100	100							
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		<u>R</u>	<u>R</u>							
D.O. mg/L @ Saturation		99.1 %	98.7 %							
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		<u>R</u>	<u>R</u>							
Membrane Last Replaced										
ORP in mV		233.2	232.1							
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		<u>R</u>	<u>R</u>							
Calibration Solutions	Manufacturer	Lot Number		Expiration Date						
pH 4.01 S.U.	<u>EXA101</u>	<u>110824A</u>		<u>8/12</u>						
pH 7.00 S.U.	"	<u>120229A</u>		<u>9/13</u>						
pH 10.00 S.U.	"	<u>110228A</u>		<u>9/12</u>						
Conductivity <u>500</u> µS/cm Cal	"	<u>110824C</u>		<u>8/12</u>						
Conductivity <u>100</u> µS/cm Ver	"	<u>120229C</u>		<u>9/12</u>						
ORP <u>231.4</u> mV @ <u>23</u> °C		<u>110610297</u>		<u>10/12</u>						

Notes Cal = Calibration

ICV = Initial Calibration Verification

CCV = Continued Calibration Verification

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

P:\A&R\DEPT\QA\YSI calibration.xls

FT 1000 General Field Testing and Measurement

Form FD 9000-8: FIELD INSTRUMENT CALIBRATION RECORDS

INSTRUMENT (MAKE/MODEL#) 2100P INSTRUMENT # 293

PARAMETER: [check only one]

TEMPERATURE

CONDUCTIVITY

SALINITY

pH

ORP

TURBIDITY

RESIDUAL CI

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 U-1652

Standard C C-1000

	DATE (yy/mm/dd)	TIME (hr:min)	STD (A, B, C)	STD VALUE	INSTRUMENT RESPONSE	% DEV	CALIBRATED (YES, NO)	TYPE (INIT, CONT)	SAMPLER INITIALS
# 3	7-19-12	0646	A	3.57	3.55		N	C	Bl
			B	32.3	32.1		✓		
			C	34.2	34.3		N		
# 2			A	3.08	3.08		N		
			B	34.3	34.2		✓		
		✓	C	33.3	33.1		✓	✓	✓
# 3		1500	A	3.57	3.56		N	C	Bl
			B	32.3	32.2		✓		
			C	34.1	34.3		✓		
# 2			A	3.08	3.09		✓		
			B	34.3	34.2		✓		
	✓	✓	C	33.0	33.2		N	✓	✓

APPENDIX 5D

**GROUNDWATER
LABORATORY ANALYTICAL REPORTS**



ANALYTICAL SERVICES, INC.

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

Laboratory Report

Prepared For:

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

Attention: Mr. Bob Schoepke

Report Number: AVB0298

February 28, 2012

Project: Tampa, FL

Project #:120043-0100

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

Approved:


Project Manager

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



ANALYTICAL SERVICES, INC.

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

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

Attention: Mr. Bob Schoepke

February 28, 2012

ANALYTICAL REPORT FOR SAMPLES

<u>Sample ID</u>	<u>Laboratory ID</u>	<u>Matrix</u>	<u>Date Sampled</u>	<u>Date Received</u>
MW-6-020812	AVB0298-01	Water	02/08/12 09:20	02/09/12 10:00
MW-5-020812	AVB0298-02	Water	02/08/12 11:00	02/09/12 10:00
MW-4-020812	AVB0298-03	Water	02/08/12 13:00	02/09/12 10:00
MW-3-020812	AVB0298-04	Water	02/08/12 12:30	02/09/12 10:00
MW-1-020812	AVB0298-05	Water	02/08/12 11:19	02/09/12 10:00
MW-2-020812	AVB0298-06	Water	02/08/12 10:08	02/09/12 10:00
Trip Blank	AVB0298-07	Aqueous	02/08/12 00:00	02/09/12 10:00



ANALYTICAL SERVICES, INC.

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

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

Attention: Mr. Bob Schoepke

February 28, 2012

Report No.: AVB0298

Project: Tampa, FL

Client ID: MW-6-020812

Lab Number ID: AVB0298-01

Date/Time Sampled: 2/8/2012 9:20:00AM

Date/Time Received: 2/9/2012 10:00:00AM

Matrix: Water

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Metals, Total											
Arsenic	ND	0.0050	0.0015	mg/L	EPA 8020A		1	02/10/12 09:20	02/10/12 19:12	2020275 CSW	
Barium	ND	0.0050	0.00008	mg/L	EPA 8020A		1	02/10/12 09:20	02/10/12 19:12	2020275 CSW	
Cadmium	ND	0.0005	0.00007	mg/L	EPA 8020A		1	02/10/12 09:20	02/10/12 19:12	2020275 CSW	
Chromium	0.0017	0.0050	0.0005	mg/L	EPA 8020A	J	1	02/10/12 09:20	02/10/12 19:12	2020275 CSW	
Lead	0.0016	0.0010	0.0002	mg/L	EPA 8020A		1	02/10/12 09:20	02/10/12 19:12	2020275 CSW	
Selenium	ND	0.0050	0.0008	mg/L	EPA 8020A		1	02/10/12 09:20	02/10/12 19:12	2020275 CSW	
Silver	ND	0.0050	0.0001	mg/L	EPA 8020A		1	02/10/12 09:20	02/10/12 19:12	2020275 CSW	
Mercury	ND	0.0005	0.00009	mg/L	EPA 7470A		1	02/13/12 11:45	02/14/12 15:46	2020322 CSW	
Volatile Organic Compounds by EPA 8260											
Acetone	ND	100	3.8	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:19	2020284 GMM	
Acrolein	ND	14	2.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:19	2020284 GMM	
Acrylonitrile	ND	4.0	1.3	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:19	2020284 GMM	
Allyl Chloride (3-Chloropropylene)	ND	10	0.6	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:19	2020284 GMM	
Benzene	ND	1.0	0.3	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:19	2020284 GMM	
Bromobenzene	ND	10	0.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:19	2020284 GMM	
Bromochloromethane	ND	10	0.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:19	2020284 GMM	
Bromodichloromethane	ND	1.0	0.2	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:19	2020284 GMM	
Bromoform	ND	4.4	0.5	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:19	2020284 GMM	
Bromomethane	ND	9.8	1.3	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:19	2020284 GMM	
n-Butylbenzene	ND	10	0.2	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:19	2020284 GMM	
sec-Butylbenzene	ND	10	0.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:19	2020284 GMM	
tert-Butylbenzene	ND	10	0.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:19	2020284 GMM	
Carbon Disulfide	ND	10	0.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:19	2020284 GMM	
Carbon Tetrachloride	ND	2.0	0.3	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:19	2020284 GMM	
Chlorobenzene	ND	10	0.5	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:19	2020284 GMM	
1-Chlorobutane	ND	10	0.5	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:19	2020284 GMM	
Chloroethane	ND	5.0	0.6	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:19	2020284 GMM	
2-Chloroethyl Vinyl Ether	ND	10	0.6	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:19	2020284 GMM	
Chloroform	ND	2.0	0.6	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:19	2020284 GMM	
Chloromethane	ND	2.7	0.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:19	2020284 GMM	
2-Chlorotoluene	ND	10	0.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:19	2020284 GMM	



ANALYTICAL SERVICES, INC.

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

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

Attention: Mr. Bob Schoepke

February 28, 2012

Report No.: AVB0298

Project: Tampa, FL

Client ID: MW-6-020812

Lab Number ID: AVB0298-01

Date/Time Sampled: 2/8/2012 9:20:00AM

Date/Time Received: 2/8/2012 10:00:00AM

Matrix: Water

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Volatile Organic Compounds by EPA 8260											
4-Chlorotoluene	ND	10	0.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:19	2020264	GMM
Dibromochloromethane	ND	1.0	0.2	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:19	2020264	GMM
1,2-Dibromo-3-chloropropane	ND	5.0	1.3	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:19	2020264	GMM
1,2-Dibromoethane	ND	2.0	0.3	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:19	2020264	GMM
Dibromomethane	ND	10	0.5	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:19	2020264	GMM
1,2-Dichlorobenzene	ND	10	0.6	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:19	2020264	GMM
1,3-Dichlorobenzene	ND	10	0.6	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:19	2020264	GMM
1,4-Dichlorobenzene	ND	10	0.6	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:19	2020264	GMM
trans-1,4-Dichloro-2-butene	ND	5.0	1.2	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:19	2020264	GMM
Dichlorodifluoromethane	ND	10	0.5	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:19	2020264	GMM
1,1-Dichloroethane	ND	2.0	0.3	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:19	2020264	GMM
1,2-Dichloroethane	ND	2.0	0.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:19	2020264	GMM
1,1-Dichloroethene	ND	2.0	0.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:19	2020264	GMM
cis-1,2-Dichloroethene	ND	2.0	0.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:19	2020264	GMM
trans-1,2-Dichloroethene	ND	2.0	0.3	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:19	2020264	GMM
1,2-Dichloroethene (total)	ND	2.0	0.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:19	2020264	GMM
1,2-Dichloropropane	ND	2.0	0.3	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:19	2020264	GMM
1,3-Dichloropropane	ND	2.0	0.3	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:19	2020264	GMM
2,2-Dichloropropane	ND	10	0.2	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:19	2020264	GMM
1,1-Dichloropropene	ND	10	0.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:19	2020264	GMM
cis-1,3-Dichloropropene	ND	1.0	0.2	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:19	2020264	GMM
trans-1,3-Dichloropropene	ND	2.0	0.2	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:19	2020264	GMM
Ethylbenzene	ND	2.0	0.3	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:19	2020264	GMM
Ethyl Methacrylate	ND	10	0.6	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:19	2020264	GMM
Hexachlorobutadiene	ND	2.0	1.0	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:19	2020264	GMM
p-Isopropyltoluene	ND	10	0.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:19	2020264	GMM
Hexachloroethane	ND	4.0	1.2	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:19	2020264	GMM
Iodomethane	ND	10	0.5	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:19	2020264	GMM
Isopropylbenzene	ND	10	0.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:19	2020264	GMM
Methacrylonitrile	ND	5.0	1.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:19	2020264	GMM
Methyl Acrylate	ND	10	0.6	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:19	2020264	GMM
Methyl Butyl Ketone (2-Hexanone)	ND	10	1.1	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:19	2020264	GMM



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Elgin IL, 60120

Attention: Mr. Bob Schoepke

February 28, 2012

Report No.: AVB0298

Project: Tampa, FL

Client ID: MW-6-020812

Lab Number ID: AVB0298-01

Date/Time Sampled: 2/8/2012 9:20:00AM

Date/Time Received: 2/9/2012 10:00:00AM

Matrix: Water

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Volatile Organic Compounds by EPA 8260											
Methylene Chloride	ND	5.0	0.6	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:19	2020264	GMM
Methyl Ethyl Ketone (2-Butanone)	ND	100	1.8	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:19	2020264	GMM
Methyl Methacrylate	ND	10	0.6	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:19	2020264	GMM
4-Methyl-2-pentanone (MIBK)	ND	10	1.1	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:19	2020264	GMM
Methyl-tert-Butyl Ether	ND	10	0.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:19	2020264	GMM
Naphthalene	ND	10	0.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:19	2020264	GMM
2-Nitropropane	ND	10	1.2	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:19	2020264	GMM
Propionitrile (Ethyl Cyanide)	ND	20	1.6	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:19	2020264	GMM
n-Propylbenzene	ND	10	0.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:19	2020264	GMM
Styrene	ND	5.0	0.3	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:19	2020264	GMM
1,1,1,2-Tetrachloroethane	ND	1.3	0.3	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:19	2020264	GMM
1,1,2,2-Tetrachloroethane	ND	1.0	0.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:19	2020264	GMM
Tetrachloroethane	ND	2.0	0.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:19	2020264	GMM
Toluene	ND	2.0	0.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:19	2020264	GMM
1,2,3-Trichlorobenzene	ND	10	0.7	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:19	2020264	GMM
1,2,4-Trichlorobenzene	ND	10	0.5	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:19	2020264	GMM
1,1,1-Trichloroethane	ND	2.0	0.3	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:19	2020264	GMM
1,1,2-Trichloroethane	ND	2.0	0.7	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:19	2020264	GMM
Trichloroethene	ND	2.0	0.3	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:19	2020264	GMM
Trichlorofluoromethane	ND	10	0.3	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:19	2020264	GMM
1,2,3-Trichloropropane	ND	1.0	0.7	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:19	2020264	GMM
1,2,4-Trimethylbenzene	ND	10	0.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:19	2020264	GMM
1,3,5-Trimethylbenzene	ND	10	0.3	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:19	2020264	GMM
Vinyl Acetate	ND	10	0.2	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:19	2020264	GMM
Vinyl Chloride	ND	1.0	0.2	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:19	2020264	GMM
m+p-Xylene	ND	5.0	0.6	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:19	2020264	GMM
o-Xylene	ND	5.0	0.3	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:19	2020264	GMM
Xylenes, total	ND	5.0	0.6	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:19	2020264	GMM
Surrogate: Dibromofluoromethane	80 %		75-123		EPA 8260B			02/09/12 13:30	02/09/12 14:19	2020264	
Surrogate: 1,2-Dichloroethane-d4	90 %		72-120		EPA 8260B			02/09/12 13:30	02/09/12 14:19	2020264	
Surrogate: Toluene-d8	85 %		75-120		EPA 8260B			02/09/12 13:30	02/09/12 14:19	2020264	
Surrogate: 4-Bromofluorobenzene	87 %		80-120		EPA 8260B			02/09/12 13:30	02/09/12 14:19	2020264	



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Elgin IL, 60120

Attention: Mr. Bob Schoepke

February 28, 2012

Report No.: AVB0298

Project: Tampa, FL

Client ID: MW-8-020812

Lab Number ID: AVB0298-01

Date/Time Sampled: 2/8/2012 9:20:00AM

Date/Time Received: 2/9/2012 10:00:00AM

Matrix: Water

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Semivolatile Organic Compounds by EPA 8270											
Acenaphthene	ND	9.6	4.5	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 16:44	2020287	RAC
Acenaphthylene	ND	9.6	4.4	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 16:44	2020287	RAC
Anthracene	ND	9.6	4.1	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 16:44	2020287	RAC
Benzo(a)anthracene	ND	9.6	3.9	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 16:44	2020287	RAC
Benzo(a)pyrene	4.8	9.6	4.7	ug/L	EPA 8270D	J	1	02/10/12 10:50	02/13/12 16:44	2020287	RAC
Benzo(b)fluoranthene	4.9	9.6	4.2	ug/L	EPA 8270D	J	1	02/10/12 10:50	02/13/12 16:44	2020287	RAC
Benzo(ghi)perylene	ND	9.6	5.3	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 16:44	2020287	RAC
Benzo(k)fluoranthene	5.6	9.6	4.8	ug/L	EPA 8270D	J	1	02/10/12 10:50	02/13/12 16:44	2020287	RAC
Benzoic acid	ND	48	3.0	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 16:44	2020287	RAC
Benzyl alcohol	ND	19	4.9	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 16:44	2020287	RAC
Benzyl butyl phthalate	ND	9.6	6.0	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 16:44	2020287	RAC
4-Bromophenyl phenyl ether	ND	9.6	4.8	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 16:44	2020287	RAC
Di-n-butyl phthalate	ND	9.6	4.6	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 16:44	2020287	RAC
4-Chloroaniline	ND	19	4.0	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 16:44	2020287	RAC
Bis(2-chloroethoxy)methane	ND	9.6	4.2	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 16:44	2020287	RAC
Bis(2-chloroethyl)ether	ND	9.6	3.2	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 16:44	2020287	RAC
Bis(2-chloroisopropyl)ether	ND	9.6	3.6	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 16:44	2020287	RAC
4-Chloro-3-methylphenol	ND	9.6	5.5	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 16:44	2020287	RAC
2-Chloronaphthalene	ND	9.6	4.0	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 16:44	2020287	RAC
2-Chlorophenol	ND	9.6	4.0	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 16:44	2020287	RAC
4-Chlorophenyl phenyl ether	ND	9.6	4.0	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 16:44	2020287	RAC
Chrysene	ND	9.6	3.8	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 16:44	2020287	RAC
Dibenzo(a,h)anthracene	ND	9.6	4.3	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 16:44	2020287	RAC
Dibenzofuran	ND	9.6	4.4	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 16:44	2020287	RAC
1,2-Dichlorobenzene	ND	9.6	3.1	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 16:44	2020287	RAC
1,3-Dichlorobenzene	ND	9.6	2.7	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 16:44	2020287	RAC
1,4-Dichlorobenzene	ND	9.6	2.7	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 16:44	2020287	RAC
3,3'-Dichlorobenzidine	ND	19	4.8	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 16:44	2020287	RAC
2,4-Dichlorophenol	ND	9.6	5.1	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 16:44	2020287	RAC
Diethyl phthalate	ND	9.6	3.8	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 16:44	2020287	RAC
2,4-Dimethylphenol	ND	9.6	4.2	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 16:44	2020287	RAC
Dimethyl phthalate	ND	9.6	3.9	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 16:44	2020287	RAC



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Lab Number ID: AVB0298-01

Date/Time Sampled: 2/8/2012 9:20:00AM

Date/Time Received: 2/8/2012 10:00:00AM

Matrix: 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	48	5.5	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 16:44	2020287	RAC
2,4-Dinitrophenol	ND	48	7.0	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 16:44	2020287	RAC
2,4-Dinitrotoluene	ND	19	4.5	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 16:44	2020287	RAC
2,6-Dinitrotoluene	ND	19	4.5	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 16:44	2020287	RAC
Bis(2-ethylhexyl)phthalate	ND	9.6	5.7	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 16:44	2020287	RAC
Fluoranthene	ND	9.6	4.4	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 16:44	2020287	RAC
Fluorene	ND	9.6	4.2	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 16:44	2020287	RAC
Hexachlorobenzene	ND	9.6	3.8	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 16:44	2020287	RAC
Hexachlorobutadiene	ND	9.6	4.0	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 16:44	2020287	RAC
Hexachlorocyclopentadiene	ND	9.6	5.5	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 16:44	2020287	RAC
Hexachloroethane	ND	9.6	3.3	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 16:44	2020287	RAC
Indeno(1,2,3-cd)pyrene	ND	9.6	4.8	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 16:44	2020287	RAC
Isophorone	ND	9.6	4.2	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 16:44	2020287	RAC
2-Methylnaphthalene	ND	9.6	4.9	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 16:44	2020287	RAC
2-Methylphenol (o-cresol)	ND	9.6	4.8	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 16:44	2020287	RAC
3+4-Methylphenol (m+p-cresol)	ND	9.6	5.2	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 16:44	2020287	RAC
Naphthalene	ND	9.6	3.5	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 16:44	2020287	RAC
2-Nitroaniline	ND	48	6.0	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 16:44	2020287	RAC
3-Nitroaniline	ND	48	5.3	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 16:44	2020287	RAC
4-Nitroaniline	ND	48	5.7	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 16:44	2020287	RAC
Nitrobenzene	ND	9.6	3.9	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 16:44	2020287	RAC
2-Nitrophenol	ND	48	4.7	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 16:44	2020287	RAC
4-Nitrophenol	ND	48	4.0	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 16:44	2020287	RAC
N-Nitrosodimethylamine	ND	9.6	2.4	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 16:44	2020287	RAC
N-Nitrosodiphenylamine/Diphenylamine	ND	9.6	3.7	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 16:44	2020287	RAC
N-Nitrosodi-n-propylamine	ND	9.6	5.9	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 16:44	2020287	RAC
Di-n-octyl phthalate	ND	9.6	6.0	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 16:44	2020287	RAC
Pentachlorophenol	ND	19	5.8	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 16:44	2020287	RAC
Phenanthrene	ND	9.6	3.9	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 16:44	2020287	RAC
Phenol	ND	9.6	2.8	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 16:44	2020287	RAC
Pyrene	ND	9.6	4.3	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 16:44	2020287	RAC
1,2,4-Trichlorobenzene	ND	9.6	3.1	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 16:44	2020287	RAC



ANALYTICAL SERVICES, INC.

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

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

Attention: Mr. Bob Schoepke

February 28, 2012

Report No.: AVB0298

Project: Tampa, FL

Client ID: MW-6-020812

Lab Number ID: AVB0298-01

Date/Time Sampled: 2/8/2012 9:20:00AM

Date/Time Received: 2/8/2012 10:00:00AM

Matrix: 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	9.6	5.7	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 16:44	2020287	RAC
2,4,6-Trichlorophenol	ND	9.6	5.3	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 16:44	2020287	RAC
Surrogate: 2-Fluorophenol	49 %		10-88		EPA 8270D			02/10/12 10:50	02/13/12 16:44	2020287	
Surrogate: Phenol-d6	29 %		10-61		EPA 8270D			02/10/12 10:50	02/13/12 16:44	2020287	
Surrogate: Nitrobenzene-d5	76 %		28-109		EPA 8270D			02/10/12 10:50	02/13/12 16:44	2020287	
Surrogate: 2-Fluorobiphenyl	81 %		38-112		EPA 8270D			02/10/12 10:50	02/13/12 16:44	2020287	
Surrogate: 2,4,6-Tribromophenol	89 %		10-165		EPA 8270D			02/10/12 10:50	02/13/12 16:44	2020287	
Surrogate: p-Terphenyl-d14	89 %		10-142		EPA 8270D			02/10/12 10:50	02/13/12 16:44	2020287	



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

Attention: Mr. Bob Schoepke

February 28, 2012

Report No.: AVB0298

Project: Tampa, FL

Client ID: MW-5-020812

Lab Number ID: AVB0298-02

Date/Time Sampled: 2/8/2012 11:00:00AM

Date/Time Received: 2/8/2012 10:00:00AM

Matrix: Water

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
General Chemistry											
Total Dissolved Solids	478	5	5	mg/L	SM 2540 C		1	02/09/12 10:05	02/09/12 10:05	2020180	NJS
Inorganic Anions											
Chloride	34	1.0	0.02	mg/L	EPA 300.0		1	02/14/12 20:51	02/14/12 20:51	2020408	MZP
Sulfate	14	5.0	0.03	mg/L	EPA 300.0		1	02/14/12 20:51	02/14/12 20:51	2020408	MZP
Metals, Total											
Iron	0.540	0.040	0.005	mg/L	EPA 200.7		1	02/15/12 09:20	02/15/12 13:39	2020408	FBS
Manganese	0.015	0.040	0.001	mg/L	EPA 200.7	J	1	02/15/12 09:20	02/15/12 13:39	2020408	FBS
Arsenic	ND	0.0050	0.0015	mg/L	EPA 6020A		1	02/10/12 09:20	02/10/12 19:18	2020275	CSW
Barium	0.0304	0.0050	0.00008	mg/L	EPA 6020A		1	02/10/12 09:20	02/10/12 19:18	2020275	CSW
Cadmium	ND	0.0005	0.00007	mg/L	EPA 6020A		1	02/10/12 09:20	02/10/12 19:18	2020275	CSW
Chromium	0.0012	0.0050	0.0005	mg/L	EPA 6020A	J	1	02/10/12 09:20	02/10/12 19:18	2020275	CSW
Lead	ND	0.0010	0.0002	mg/L	EPA 6020A		1	02/10/12 09:20	02/10/12 19:18	2020275	CSW
Selenium	ND	0.0050	0.0008	mg/L	EPA 6020A		1	02/10/12 09:20	02/10/12 19:18	2020275	CSW
Silver	ND	0.0050	0.0001	mg/L	EPA 6020A		1	02/10/12 09:20	02/10/12 19:18	2020275	CSW
Mercury	ND	0.0005	0.00009	mg/L	EPA 7470A		1	02/13/12 11:45	02/14/12 15:48	2020322	CSW
Metals, Dissolved											
Iron	0.423	0.040	0.001	mg/L	EPA 200.7		1	02/23/12 08:55	02/23/12 15:24	2020639	FBS
Manganese	0.019	0.040	0.001	mg/L	EPA 200.7	J	1	02/23/12 08:55	02/23/12 15:24	2020639	FBS
Volatile Organic Compounds by EPA 8260											
Acetone	4.0	100	3.8	ug/L	EPA 8260B	J	1	02/09/12 13:30	02/09/12 14:51	2020264	GMM
Acrolein	ND	14	2.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:51	2020264	GMM
Acrylonitrile	ND	4.0	1.3	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:51	2020264	GMM
Allyl Chloride (3-Chloropropylene)	ND	10	0.6	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:51	2020264	GMM
Benzene	ND	1.0	0.3	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:51	2020264	GMM
Bromobenzene	ND	10	0.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:51	2020264	GMM
Bromochloromethane	ND	10	0.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:51	2020264	GMM
Bromodichloromethane	ND	1.0	0.2	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:51	2020264	GMM
Bromoform	ND	4.4	0.5	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:51	2020264	GMM
Bromomethane	ND	9.8	1.3	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:51	2020264	GMM



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

Attention: Mr. Bob Schoepke

February 28, 2012

Report No.: AVB0298

Project: Tampa, FL

Client ID: MW-5-020812

Lab Number ID: AVB0298-02

Date/Time Sampled: 2/8/2012 11:00:00AM

Date/Time Received: 2/9/2012 10:00:00AM

Matrix: Water

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Volatile Organic Compounds by EPA 8260											
n-Butylbenzene	ND	10	0.2	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:51	2020264	GMM
sec-Butylbenzene	ND	10	0.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:51	2020264	GMM
tert-Butylbenzene	ND	10	0.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:51	2020264	GMM
Carbon Disulfide	ND	10	0.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:51	2020264	GMM
Carbon Tetrachloride	ND	2.0	0.3	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:51	2020264	GMM
Chlorobenzene	ND	10	0.5	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:51	2020264	GMM
1-Chlorobutane	ND	10	0.5	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:51	2020264	GMM
Chloroethane	ND	5.0	0.6	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:51	2020264	GMM
2-Chloroethyl Vinyl Ether	ND	10	0.6	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:51	2020264	GMM
Chloroform	ND	2.0	0.6	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:51	2020264	GMM
Chloromethane	ND	2.7	0.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:51	2020264	GMM
2-Chlorotoluene	ND	10	0.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:51	2020264	GMM
4-Chlorotoluene	ND	10	0.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:51	2020264	GMM
Dibromochloromethane	ND	1.0	0.2	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:51	2020264	GMM
1,2-Dibromo-3-chloropropane	ND	5.0	1.3	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:51	2020264	GMM
1,2-Dibromoethane	ND	2.0	0.3	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:51	2020264	GMM
Dibromomethane	ND	10	0.5	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:51	2020264	GMM
1,2-Dichlorobenzene	ND	10	0.6	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:51	2020264	GMM
1,3-Dichlorobenzene	ND	10	0.6	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:51	2020264	GMM
1,4-Dichlorobenzene	ND	10	0.6	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:51	2020264	GMM
trans-1,4-Dichloro-2-butene	ND	5.0	1.2	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:51	2020264	GMM
Dichlorodifluoromethane	ND	10	0.5	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:51	2020264	GMM
1,1-Dichloroethane	ND	2.0	0.3	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:51	2020264	GMM
1,2-Dichloroethane	ND	2.0	0.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:51	2020264	GMM
1,1-Dichloroethene	ND	2.0	0.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:51	2020264	GMM
cis-1,2-Dichloroethene	ND	2.0	0.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:51	2020264	GMM
trans-1,2-Dichloroethene	ND	2.0	0.3	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:51	2020264	GMM
1,2-Dichloroethene (total)	ND	2.0	0.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:51	2020264	GMM
1,2-Dichloropropane	ND	2.0	0.3	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:51	2020264	GMM
1,3-Dichloropropane	ND	2.0	0.3	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:51	2020264	GMM
2,2-Dichloropropane	ND	10	0.2	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:51	2020264	GMM
1,1-Dichloropropene	ND	10	0.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:51	2020264	GMM



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

Attention: Mr. Bob Schoepke

February 28, 2012

Report No.: AVB0298

Project: Tampa, FL

Client ID: MW-5-020812

Lab Number ID: AVB0298-02

Date/Time Sampled: 2/8/2012 11:00:00AM

Date/Time Received: 2/9/2012 10:00:00AM

Matrix: Water

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Volatile Organic Compounds by EPA 8260											
cis-1,3-Dichloropropene	ND	1.0	0.2	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:51	2020264 GMM	
trans-1,3-Dichloropropene	ND	2.0	0.2	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:51	2020264 GMM	
Ethylbenzene	ND	2.0	0.3	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:51	2020264 GMM	
Ethyl Methacrylate	ND	10	0.6	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:51	2020264 GMM	
Hexachlorobutadiene	ND	2.0	1.0	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:51	2020264 GMM	
p-Isopropyltoluene	ND	10	0.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:51	2020264 GMM	
Hexachloroethane	ND	4.0	1.2	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:51	2020264 GMM	
Iodomethane	ND	10	0.5	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:51	2020264 GMM	
Isopropylbenzene	ND	10	0.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:51	2020264 GMM	
Methacrylonitrile	ND	5.0	1.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:51	2020264 GMM	
Methyl Acrylate	ND	10	0.6	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:51	2020264 GMM	
Methyl Butyl Ketone (2-Hexanone)	ND	10	1.1	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:51	2020264 GMM	
Methylene Chloride	ND	5.0	0.6	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:51	2020264 GMM	
Methyl Ethyl Ketone (2-Butanone)	ND	100	1.8	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:51	2020264 GMM	
Methyl Methacrylate	ND	10	0.6	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:51	2020264 GMM	
4-Methyl-2-pentanone (MIBK)	ND	10	1.1	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:51	2020264 GMM	
Methyl-tert-Butyl Ether	ND	10	0.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:51	2020264 GMM	
Naphthalene	ND	10	0.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:51	2020264 GMM	
2-Nitropropane	ND	10	1.2	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:51	2020264 GMM	
Propionitrile (Ethyl Cyanide)	ND	20	1.6	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:51	2020264 GMM	
n-Propylbenzene	ND	10	0.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:51	2020264 GMM	
Styrene	ND	5.0	0.3	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:51	2020264 GMM	
1,1,1,2-Tetrachloroethane	ND	1.3	0.3	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:51	2020264 GMM	
1,1,2,2-Tetrachloroethane	ND	1.0	0.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:51	2020264 GMM	
Tetrachloroethene	ND	2.0	0.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:51	2020264 GMM	
Toluene	ND	2.0	0.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:51	2020264 GMM	
1,2,3-Trichlorobenzene	ND	10	0.7	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:51	2020264 GMM	
1,2,4-Trichlorobenzene	ND	10	0.5	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:51	2020264 GMM	
1,1,1-Trichloroethane	ND	2.0	0.3	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:51	2020264 GMM	
1,1,2-Trichloroethane	ND	2.0	0.7	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:51	2020264 GMM	
Trichloroethene	ND	2.0	0.3	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:51	2020264 GMM	
Trichlorofluoromethane	ND	10	0.3	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:51	2020264 GMM	



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Attention: Mr. Bob Schoepke

February 28, 2012

Report No.: AVB0298

Project: Tampa, FL

Client ID: MW-5-020812

Lab Number ID: AVB0298-02

Date/Time Sampled: 2/8/2012 11:00:00AM

Date/Time Received: 2/9/2012 10:00:00AM

Matrix: Water

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Volatile Organic Compounds by EPA 8260											
1,2,3-Trichloropropane	ND	1.0	0.7	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:51	2020284	GMM
1,2,4-Trimethylbenzene	ND	10	0.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:51	2020284	GMM
1,3,5-Trimethylbenzene	ND	10	0.3	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:51	2020284	GMM
Vinyl Acetate	ND	10	0.2	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:51	2020284	GMM
Vinyl Chloride	ND	1.0	0.2	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:51	2020284	GMM
m+p-Xylene	ND	5.0	0.6	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:51	2020284	GMM
o-Xylene	ND	5.0	0.3	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:51	2020284	GMM
Xylenes, total	ND	5.0	0.6	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 14:51	2020284	GMM
Surrogate: Dibromofluoromethane	81 %		75-123		EPA 8260B			02/09/12 13:30	02/09/12 14:51	2020284	
Surrogate: 1,2-Dichloroethane-d4	91 %		72-120		EPA 8260B			02/09/12 13:30	02/09/12 14:51	2020284	
Surrogate: Toluene-d8	85 %		75-120		EPA 8260B			02/09/12 13:30	02/09/12 14:51	2020284	
Surrogate: 4-Bromofluorobenzene	89 %		80-120		EPA 8260B			02/09/12 13:30	02/09/12 14:51	2020284	
Semivolatile Organic Compounds by EPA 8270											
Acenaphthene	ND	9.4	4.4	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:06	2020287	RAC
Acenaphthylene	ND	9.4	4.3	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:06	2020287	RAC
Anthracene	ND	9.4	4.1	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:06	2020287	RAC
Benzo(a)anthracene	ND	9.4	3.8	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:06	2020287	RAC
Benzo(a)pyrene	ND	9.4	4.6	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:06	2020287	RAC
Benzo(b)fluoranthene	ND	9.4	4.1	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:06	2020287	RAC
Benzo(ghi)perylene	ND	9.4	5.2	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:06	2020287	RAC
Benzo(k)fluoranthene	ND	9.4	4.7	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:06	2020287	RAC
Benzoic acid	ND	47	2.9	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:06	2020287	RAC
Benzyl alcohol	ND	19	4.8	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:06	2020287	RAC
Benzyl butyl phthalate	ND	9.4	5.9	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:06	2020287	RAC
4-Bromophenyl phenyl ether	ND	9.4	4.7	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:06	2020287	RAC
Di-n-butyl phthalate	ND	9.4	4.5	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:06	2020287	RAC
4-Chloroaniline	ND	19	3.9	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:06	2020287	RAC
Bis(2-chloroethoxy)methane	ND	9.4	4.1	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:06	2020287	RAC
Bis(2-chloroethyl)ether	ND	9.4	3.1	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:06	2020287	RAC
Bis(2-chloroisopropyl)ether	ND	9.4	3.5	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:06	2020287	RAC
4-Chloro-3-methylphenol	ND	9.4	5.4	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:06	2020287	RAC



ANALYTICAL SERVICES, INC.

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

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

Attention: Mr. Bob Schoepke

February 28, 2012

Report No.: AVB0298

Project: Tampa, FL

Client ID: MW-5-020812

Lab Number ID: AVB0298-02

Date/Time Sampled: 2/8/2012 11:00:00AM

Date/Time Received: 2/9/2012 10:00:00AM

Matrix: Water

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Semivolatile Organic Compounds by EPA 8270											
2-Chloronaphthalene	ND	9.4	4.0	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:06	2020287	RAC
2-Chlorophenol	ND	9.4	3.9	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:06	2020287	RAC
4-Chlorophenyl phenyl ether	ND	9.4	3.9	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:06	2020287	RAC
Chrysene	ND	9.4	3.7	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:06	2020287	RAC
Dibenzo(a,h)anthracene	ND	9.4	4.2	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:06	2020287	RAC
Dibenzofuran	ND	9.4	4.3	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:06	2020287	RAC
1,2-Dichlorobenzene	ND	9.4	3.1	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:06	2020287	RAC
1,3-Dichlorobenzene	ND	9.4	2.7	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:06	2020287	RAC
1,4-Dichlorobenzene	ND	9.4	2.7	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:06	2020287	RAC
3,3'-Dichlorobenzidine	ND	19	4.7	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:06	2020287	RAC
2,4-Dichlorophenol	ND	9.4	5.0	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:06	2020287	RAC
Diethyl phthalate	ND	9.4	3.7	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:06	2020287	RAC
2,4-Dimethylphenol	ND	9.4	4.2	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:06	2020287	RAC
Dimethyl phthalate	ND	9.4	3.8	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:06	2020287	RAC
4,6-Dinitro-2-methylphenol	ND	47	5.4	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:06	2020287	RAC
2,4-Dinitrophenol	ND	47	6.8	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:06	2020287	RAC
2,4-Dinitrotoluene	ND	19	4.4	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:06	2020287	RAC
2,6-Dinitrotoluene	ND	19	4.4	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:06	2020287	RAC
Bis(2-ethylhexyl)phthalate	ND	9.4	5.6	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:06	2020287	RAC
Fluoranthene	ND	9.4	4.3	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:06	2020287	RAC
Fluorene	ND	9.4	4.1	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:06	2020287	RAC
Hexachlorobenzene	ND	9.4	3.7	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:06	2020287	RAC
Hexachlorobutadiene	ND	9.4	3.9	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:06	2020287	RAC
Hexachlorocyclopentadiene	ND	9.4	5.4	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:06	2020287	RAC
Hexachloroethane	ND	9.4	3.2	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:06	2020287	RAC
Indeno(1,2,3-cd)pyrene	ND	9.4	4.7	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:06	2020287	RAC
Isophorone	ND	9.4	4.2	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:06	2020287	RAC
2-Methylnaphthalene	ND	9.4	4.8	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:06	2020287	RAC
2-Methylphenol (o-cresol)	ND	9.4	4.7	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:06	2020287	RAC
3+4-Methylphenol (m+p-cresol)	ND	9.4	5.1	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:06	2020287	RAC
Naphthalene	ND	9.4	3.5	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:06	2020287	RAC
2-Nitroaniline	ND	47	5.9	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:06	2020287	RAC



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

Attention: Mr. Bob Schoepke

February 28, 2012

Report No.: AVB0298

Project: Tampa, FL

Client ID: MW-5-020812

Lab Number ID: AVB0298-02

Date/Time Sampled: 2/8/2012 11:00:00AM

Date/Time Received: 2/9/2012 10:00:00AM

Matrix: Water

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Semivolatile Organic Compounds by EPA 8270											
3-Nitroaniline	ND	47	5.2	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:06	2020287	RAC
4-Nitroaniline	ND	47	5.6	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:06	2020287	RAC
Nitrobenzene	ND	9.4	3.8	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:06	2020287	RAC
2-Nitrophenol	ND	47	4.6	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:06	2020287	RAC
4-Nitrophenol	ND	47	4.0	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:06	2020287	RAC
N-Nitrosodimethylamine	ND	9.4	2.4	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:06	2020287	RAC
N-Nitrosodiphenylamine/Diphenylamine	ND	9.4	3.6	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:06	2020287	RAC
N-Nitrosodi-n-propylamine	ND	9.4	5.7	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:06	2020287	RAC
Di-n-octyl phthalate	ND	9.4	5.9	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:06	2020287	RAC
Pentachlorophenol	ND	19	5.7	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:06	2020287	RAC
Phenanthrene	ND	9.4	3.8	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:06	2020287	RAC
Phenol	ND	9.4	2.7	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:06	2020287	RAC
Pyrene	ND	9.4	4.3	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:06	2020287	RAC
1,2,4-Trichlorobenzene	ND	9.4	3.1	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:06	2020287	RAC
2,4,5-Trichlorophenol	ND	9.4	5.5	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:06	2020287	RAC
2,4,6-Trichlorophenol	ND	9.4	5.2	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:06	2020287	RAC
Surrogate: 2-Fluorophenol	49 %	10-88			EPA 8270D			02/10/12 10:50	02/13/12 17:06	2020287	
Surrogate: Phenol-d6	30 %	10-61			EPA 8270D			02/10/12 10:50	02/13/12 17:06	2020287	
Surrogate: Nitrobenzene-d5	74 %	28-109			EPA 8270D			02/10/12 10:50	02/13/12 17:06	2020287	
Surrogate: 2-Fluorobiphenyl	84 %	38-112			EPA 8270D			02/10/12 10:50	02/13/12 17:06	2020287	
Surrogate: 2,4,6-Tribromophenol	111 %	10-165			EPA 8270D			02/10/12 10:50	02/13/12 17:06	2020287	
Surrogate: p-Terphenyl-d14	89 %	10-142			EPA 8270D			02/10/12 10:50	02/13/12 17:06	2020287	



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

Attention: Mr. Bob Schoepke

February 28, 2012

Report No.: AVB0298

Project: Tampa, FL

Client ID: MW-4-020812

Lab Number ID: AVB0298-03

Date/Time Sampled: 2/8/2012 1:00:00PM

Date/Time Received: 2/9/2012 10:00:00AM

Matrix: Water

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
General Chemistry											
Total Dissolved Solids	1430	5	5	mg/L	SM 2540 C		1	02/09/12 10:05	02/09/12 10:05	2020180	NJS
Inorganic Anions											
Chloride	190	50	0.75	mg/L	EPA 300.0		50	02/15/12 19:29	02/15/12 19:29	2020406	MZP
Sulfate	0.78	5.0	0.03	mg/L	EPA 300.0	J	1	02/14/12 21:11	02/14/12 21:11	2020406	MZP
Metals, Total											
Iron	10.5	0.040	0.005	mg/L	EPA 200.7		1	02/15/12 09:20	02/15/12 13:42	2020406	FBS
Manganese	0.105	0.040	0.001	mg/L	EPA 200.7		1	02/15/12 09:20	02/15/12 13:42	2020406	FBS
Arsenic	0.0026	0.0050	0.0015	mg/L	EPA 6020A	J	1	02/10/12 09:20	02/10/12 19:34	2020275	CSW
Barium	0.0762	0.0050	0.00008	mg/L	EPA 6020A		1	02/10/12 09:20	02/10/12 19:34	2020275	CSW
Cadmium	ND	0.0005	0.00007	mg/L	EPA 6020A		1	02/10/12 09:20	02/10/12 19:34	2020275	CSW
Chromium	ND	0.0050	0.0005	mg/L	EPA 6020A		1	02/10/12 09:20	02/10/12 19:34	2020275	CSW
Lead	ND	0.0010	0.0002	mg/L	EPA 6020A		1	02/10/12 09:20	02/10/12 19:34	2020275	CSW
Selenium	0.0036	0.0050	0.0008	mg/L	EPA 6020A	J	1	02/10/12 09:20	02/10/12 19:34	2020275	CSW
Silver	ND	0.0050	0.0001	mg/L	EPA 6020A		1	02/10/12 09:20	02/10/12 19:34	2020275	CSW
Mercury	ND	0.0005	0.00009	mg/L	EPA 7470A		1	02/13/12 11:45	02/14/12 15:51	2020322	CSW
Metals, Dissolved											
Iron	11.3	0.040	0.001	mg/L	EPA 200.7		1	02/23/12 08:55	02/23/12 15:27	2020639	FBS
Manganese	0.117	0.040	0.001	mg/L	EPA 200.7		1	02/23/12 08:55	02/23/12 15:27	2020639	FBS
Volatile Organic Compounds by EPA 8260											
Acetone	ND	100	3.8	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:23	2020264	GMM
Acrolein	ND	14	2.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:23	2020264	GMM
Acrylonitrile	ND	4.0	1.3	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:23	2020264	GMM
Allyl Chloride (3-Chloropropylene)	ND	10	0.6	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:23	2020264	GMM
Benzene	ND	1.0	0.3	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:23	2020264	GMM
Bromobenzene	ND	10	0.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:23	2020264	GMM
Bromochloromethane	ND	10	0.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:23	2020264	GMM
Bromodichloromethane	ND	1.0	0.2	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:23	2020264	GMM
Bromoform	ND	4.4	0.5	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:23	2020264	GMM
Bromomethane	ND	9.8	1.3	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:23	2020264	GMM



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Elgin IL, 60120

Attention: Mr. Bob Schoepke

February 28, 2012

Report No.: AVB0298

Project: Tampa, FL

Client ID: MW-4-020812

Lab Number ID: AVB0298-03

Date/Time Sampled: 2/8/2012 1:00:00PM

Date/Time Received: 2/9/2012 10:00:00AM

Matrix: Water

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Volatile Organic Compounds by EPA 8260											
n-Butylbenzene	ND	10	0.2	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:23	2020264 GMM	
sec-Butylbenzene	ND	10	0.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:23	2020264 GMM	
tert-Butylbenzene	ND	10	0.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:23	2020264 GMM	
Carbon Disulfide	ND	10	0.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:23	2020264 GMM	
Carbon Tetrachloride	ND	2.0	0.3	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:23	2020264 GMM	
Chlorobenzene	ND	10	0.5	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:23	2020264 GMM	
1-Chlorobutane	ND	10	0.5	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:23	2020264 GMM	
Chloroethane	ND	5.0	0.6	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:23	2020264 GMM	
2-Chloroethyl Vinyl Ether	ND	10	0.6	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:23	2020264 GMM	
Chloroform	ND	2.0	0.6	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:23	2020264 GMM	
Chloromethane	ND	2.7	0.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:23	2020264 GMM	
2-Chlorotoluene	ND	10	0.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:23	2020264 GMM	
4-Chlorotoluene	ND	10	0.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:23	2020264 GMM	
Dibromochloromethane	ND	1.0	0.2	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:23	2020264 GMM	
1,2-Dibromo-3-chloropropane	ND	5.0	1.3	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:23	2020264 GMM	
1,2-Dibromoethane	ND	2.0	0.3	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:23	2020264 GMM	
Dibromomethane	ND	10	0.5	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:23	2020264 GMM	
1,2-Dichlorobenzene	ND	10	0.6	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:23	2020264 GMM	
1,3-Dichlorobenzene	ND	10	0.6	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:23	2020264 GMM	
1,4-Dichlorobenzene	ND	10	0.6	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:23	2020264 GMM	
trans-1,4-Dichloro-2-butene	ND	5.0	1.2	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:23	2020264 GMM	
Dichlorodifluoromethane	ND	10	0.5	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:23	2020264 GMM	
1,1-Dichloroethane	ND	2.0	0.3	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:23	2020264 GMM	
1,2-Dichloroethane	ND	2.0	0.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:23	2020264 GMM	
1,1-Dichloroethene	ND	2.0	0.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:23	2020264 GMM	
cis-1,2-Dichloroethene	ND	2.0	0.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:23	2020264 GMM	
trans-1,2-Dichloroethene	ND	2.0	0.3	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:23	2020264 GMM	
1,2-Dichloroethene (total)	ND	2.0	0.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:23	2020264 GMM	
1,2-Dichloropropane	ND	2.0	0.3	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:23	2020264 GMM	
1,3-Dichloropropane	ND	2.0	0.3	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:23	2020264 GMM	
2,2-Dichloropropane	ND	10	0.2	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:23	2020264 GMM	
1,1-Dichloropropene	ND	10	0.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:23	2020264 GMM	



ANALYTICAL SERVICES, INC.

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

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

Attention: Mr. Bob Schoepke

February 28, 2012

Report No.: AVB0288

Project: Tampa, FL

Client ID: MW-4-020812

Lab Number ID: AVB0288-03

Date/Time Sampled: 2/8/2012 1:00:00PM

Date/Time Received: 2/9/2012 10:00:00AM

Matrix: Water

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Volatile Organic Compounds by EPA 8260											
cis-1,3-Dichloropropene	ND	1.0	0.2	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:23	2020284 GMM	
trans-1,3-Dichloropropene	ND	2.0	0.2	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:23	2020284 GMM	
Ethylbenzene	ND	2.0	0.3	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:23	2020284 GMM	
Ethyl Methacrylate	ND	10	0.6	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:23	2020284 GMM	
Hexachlorobutadiene	ND	2.0	1.0	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:23	2020284 GMM	
p-Isopropyltoluene	ND	10	0.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:23	2020284 GMM	
Hexachloroethane	ND	4.0	1.2	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:23	2020284 GMM	
Iodomethane	ND	10	0.5	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:23	2020284 GMM	
Isopropylbenzene	ND	10	0.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:23	2020284 GMM	
Methacrylonitrile	ND	5.0	1.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:23	2020284 GMM	
Methyl Acrylate	ND	10	0.6	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:23	2020284 GMM	
Methyl Butyl Ketone (2-Hexanone)	ND	10	1.1	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:23	2020284 GMM	
Methylene Chloride	ND	5.0	0.6	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:23	2020284 GMM	
Methyl Ethyl Ketone (2-Butanone)	ND	100	1.8	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:23	2020284 GMM	
Methyl Methacrylate	ND	10	0.6	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:23	2020284 GMM	
4-Methyl-2-pentanone (MIBK)	ND	10	1.1	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:23	2020284 GMM	
Methyl-tert-Butyl Ether	ND	10	0.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:23	2020284 GMM	
Naphthalene	4.6	10	0.4	ug/L	EPA 8260B	J	1	02/09/12 13:30	02/09/12 15:23	2020284 GMM	
2-Nitropropane	ND	10	1.2	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:23	2020284 GMM	
Propionitrile (Ethyl Cyanide)	ND	20	1.6	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:23	2020284 GMM	
n-Propylbenzene	ND	10	0.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:23	2020284 GMM	
Styrene	ND	5.0	0.3	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:23	2020284 GMM	
1,1,1,2-Tetrachloroethane	ND	1.3	0.3	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:23	2020284 GMM	
1,1,2,2-Tetrachloroethane	ND	1.0	0.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:23	2020284 GMM	
Tetrachloroethene	ND	2.0	0.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:23	2020284 GMM	
Toluene	ND	2.0	0.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:23	2020284 GMM	
1,2,3-Trichlorobenzene	ND	10	0.7	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:23	2020284 GMM	
1,2,4-Trichlorobenzene	ND	10	0.5	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:23	2020284 GMM	
1,1,1-Trichloroethane	ND	2.0	0.3	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:23	2020284 GMM	
1,1,2-Trichloroethane	ND	2.0	0.7	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:23	2020284 GMM	
Trichloroethene	ND	2.0	0.3	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:23	2020284 GMM	
Trichlorofluoromethane	ND	10	0.3	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:23	2020284 GMM	



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

Attention: Mr. Bob Schoepke

February 28, 2012

Report No.: AVB0298

Project: Tampa, FL

Client ID: MW-4-020812

Lab Number ID: AVB0298-03

Date/Time Sampled: 2/8/2012 1:00:00PM

Date/Time Received: 2/9/2012 10:00:00AM

Matrix: Water

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Volatile Organic Compounds by EPA 8260											
1,2,3-Trichloropropane	ND	1.0	0.7	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:23	2020284	GMM
1,2,4-Trimethylbenzene	ND	10	0.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:23	2020284	GMM
1,3,5-Trimethylbenzene	ND	10	0.3	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:23	2020284	GMM
Vinyl Acetate	ND	10	0.2	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:23	2020284	GMM
Vinyl Chloride	ND	1.0	0.2	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:23	2020284	GMM
m+p-Xylene	ND	5.0	0.6	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:23	2020284	GMM
o-Xylene	ND	5.0	0.3	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:23	2020284	GMM
Xylenes, total	ND	5.0	0.6	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:23	2020284	GMM
Surrogate: Dibromofluoromethane	80 %	75-123			EPA 8260B			02/09/12 13:30	02/09/12 15:23	2020284	
Surrogate: 1,2-Dichloroethane-d4	90 %	72-120			EPA 8260B			02/09/12 13:30	02/09/12 15:23	2020284	
Surrogate: Toluene-d8	85 %	75-120			EPA 8260B			02/09/12 13:30	02/09/12 15:23	2020284	
Surrogate: 4-Bromofluorobenzene	92 %	80-120			EPA 8260B			02/09/12 13:30	02/09/12 15:23	2020284	
Semivolatile Organic Compounds by EPA 8270											
Acenaphthene	ND	9.4	4.4	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:27	2020287	RAC
Acenaphthylene	ND	9.4	4.3	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:27	2020287	RAC
Anthracene	ND	9.4	4.1	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:27	2020287	RAC
Benzo(a)anthracene	ND	9.4	3.8	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:27	2020287	RAC
Benzo(a)pyrene	ND	9.4	4.6	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:27	2020287	RAC
Benzo(b)fluoranthene	ND	9.4	4.1	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:27	2020287	RAC
Benzo(ghi)perylene	ND	9.4	5.2	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:27	2020287	RAC
Benzo(k)fluoranthene	ND	9.4	4.7	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:27	2020287	RAC
Benzoic acid	ND	47	2.9	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:27	2020287	RAC
Benzyl alcohol	ND	19	4.8	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:27	2020287	RAC
Benzyl butyl phthalate	ND	9.4	5.9	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:27	2020287	RAC
4-Bromophenyl phenyl ether	ND	9.4	4.7	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:27	2020287	RAC
Di-n-butyl phthalate	ND	9.4	4.5	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:27	2020287	RAC
4-Chloroaniline	ND	19	3.9	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:27	2020287	RAC
Bis(2-chloroethoxy)methane	ND	9.4	4.1	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:27	2020287	RAC
Bis(2-chloroethyl)ether	ND	9.4	3.1	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:27	2020287	RAC
Bis(2-chloroisopropyl)ether	ND	9.4	3.5	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:27	2020287	RAC
4-Chloro-3-methylphenol	ND	9.4	5.4	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:27	2020287	RAC



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

Attention: Mr. Bob Schoepke

February 28, 2012

Report No.: AVB0288

Project: Tampa, FL

Client ID: MW-4-020812

Lab Number ID: AVB0288-03

Date/Time Sampled: 2/8/2012 1:00:00PM

Date/Time Received: 2/8/2012 10:00:00AM

Matrix: Water

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Int.
Semivolatile Organic Compounds by EPA 8270											
2-Chloronaphthalene	ND	9.4	4.0	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:27	2020287	RAC
2-Chlorophenol	ND	9.4	3.9	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:27	2020287	RAC
4-Chlorophenyl phenyl ether	ND	9.4	3.9	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:27	2020287	RAC
Chrysene	ND	9.4	3.7	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:27	2020287	RAC
Dibenzo(a,h)anthracene	ND	9.4	4.2	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:27	2020287	RAC
Dibenzofuran	ND	9.4	4.3	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:27	2020287	RAC
1,2-Dichlorobenzene	ND	9.4	3.1	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:27	2020287	RAC
1,3-Dichlorobenzene	ND	9.4	2.7	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:27	2020287	RAC
1,4-Dichlorobenzene	ND	9.4	2.7	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:27	2020287	RAC
3,3'-Dichlorobenzidine	ND	19	4.7	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:27	2020287	RAC
2,4-Dichlorophenol	ND	9.4	5.0	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:27	2020287	RAC
Diethyl phthalate	ND	9.4	3.7	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:27	2020287	RAC
2,4-Dimethylphenol	ND	9.4	4.2	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:27	2020287	RAC
Dimethyl phthalate	ND	9.4	3.8	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:27	2020287	RAC
4,6-Dinitro-2-methylphenol	ND	47	5.4	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:27	2020287	RAC
2,4-Dinitrophenol	ND	47	6.8	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:27	2020287	RAC
2,4-Dinitrotoluene	ND	19	4.4	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:27	2020287	RAC
2,6-Dinitrotoluene	ND	19	4.4	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:27	2020287	RAC
Bis(2-ethylhexyl)phthalate	ND	9.4	5.6	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:27	2020287	RAC
Fluoranthene	ND	9.4	4.3	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:27	2020287	RAC
Fluorene	ND	9.4	4.1	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:27	2020287	RAC
Hexachlorobenzene	ND	9.4	3.7	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:27	2020287	RAC
Hexachlorobutadiene	ND	9.4	3.9	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:27	2020287	RAC
Hexachlorocyclopentadiene	ND	9.4	5.4	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:27	2020287	RAC
Hexachloroethane	ND	9.4	3.2	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:27	2020287	RAC
Indeno(1,2,3-cd)pyrene	ND	9.4	4.7	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:27	2020287	RAC
Isophorone	ND	9.4	4.2	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:27	2020287	RAC
2-Methylnaphthalene	ND	9.4	4.8	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:27	2020287	RAC
2-Methylphenol (o-cresol)	ND	9.4	4.7	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:27	2020287	RAC
3+4-Methylphenol (m+p-cresol)	ND	9.4	5.1	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:27	2020287	RAC
Naphthalene	ND	9.4	3.5	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:27	2020287	RAC
2-Nitroaniline	ND	47	5.9	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:27	2020287	RAC



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Attention: Mr. Bob Schoepke

February 28, 2012

Report No.: AVB0288

Project: Tampa, FL

Client ID: MW-4-020812

Lab Number ID: AVB0288-03

Date/Time Sampled: 2/8/2012 1:00:00PM

Date/Time Received: 2/8/2012 10:00:00AM

Matrix: Water

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Semivolatile Organic Compounds by EPA 8270											
3-Nitroaniline	ND	47	5.2	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:27	2020287	RAC
4-Nitroaniline	ND	47	5.6	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:27	2020287	RAC
Nitrobenzene	ND	9.4	3.8	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:27	2020287	RAC
2-Nitrophenol	ND	47	4.6	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:27	2020287	RAC
4-Nitrophenol	ND	47	4.0	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:27	2020287	RAC
N-Nitrosodimethylamine	ND	9.4	2.4	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:27	2020287	RAC
N-Nitrosodiphenylamine/Diphenylamine	ND	9.4	3.6	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:27	2020287	RAC
N-Nitrosodi-n-propylamine	ND	9.4	5.7	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:27	2020287	RAC
Di-n-octyl phthalate	ND	9.4	5.9	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:27	2020287	RAC
Pentachlorophenol	ND	19	5.7	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:27	2020287	RAC
Phenanthrene	ND	9.4	3.8	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:27	2020287	RAC
Phenol	ND	9.4	2.7	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:27	2020287	RAC
Pyrene	ND	9.4	4.3	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:27	2020287	RAC
1,2,4-Trichlorobenzene	ND	9.4	3.1	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:27	2020287	RAC
2,4,5-Trichlorophenol	ND	9.4	5.5	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:27	2020287	RAC
2,4,6-Trichlorophenol	ND	9.4	5.2	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:27	2020287	RAC
Surrogate: 2-Fluorophenol	47 %	10-88			EPA 8270D			02/10/12 10:50	02/13/12 17:27	2020287	
Surrogate: Phenol-d8	30 %	10-61			EPA 8270D			02/10/12 10:50	02/13/12 17:27	2020287	
Surrogate: Nitrobenzene-d5	78 %	28-109			EPA 8270D			02/10/12 10:50	02/13/12 17:27	2020287	
Surrogate: 2-Fluorobiphenyl	93 %	38-112			EPA 8270D			02/10/12 10:50	02/13/12 17:27	2020287	
Surrogate: 2,4,6-Tribromophenol	110 %	10-165			EPA 8270D			02/10/12 10:50	02/13/12 17:27	2020287	
Surrogate: p-Terphenyl-d14	87 %	10-142			EPA 8270D			02/10/12 10:50	02/13/12 17:27	2020287	



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Attention: Mr. Bob Schoepke

February 28, 2012

Report No.: AVB0298

Project: Tampa, FL

Client ID: MW-3-020912

Lab Number ID: AVB0298-04

Date/Time Sampled: 2/8/2012 12:30:00PM

Date/Time Received: 2/9/2012 10:00:00AM

Matrix: Water

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
General Chemistry											
Total Dissolved Solids	1060	5	5	mg/L	SM 2540 C		1	02/09/12 10:05	02/09/12 10:05	2020180	NJS
Inorganic Anions											
Chloride	240	50	0.75	mg/L	EPA 300.0		50	02/15/12 19:50	02/15/12 19:50	2020408	MZP
Sulfate	5.6	5.0	0.03	mg/L	EPA 300.0		1	02/14/12 21:32	02/14/12 21:32	2020408	MZP
Metals, Total											
Iron	11.0	0.040	0.005	mg/L	EPA 200.7		1	02/15/12 09:20	02/15/12 13:47	2020408	FBS
Manganese	0.309	0.040	0.001	mg/L	EPA 200.7		1	02/15/12 09:20	02/15/12 13:47	2020408	FBS
Arsenic	0.0030	0.0050	0.0015	mg/L	EPA 8020A	J	1	02/10/12 09:20	02/10/12 19:40	2020275	CSW
Barium	0.0026	0.0050	0.00008	mg/L	EPA 8020A	J	1	02/10/12 09:20	02/10/12 19:40	2020275	CSW
Cadmium	ND	0.0005	0.00007	mg/L	EPA 8020A		1	02/10/12 09:20	02/10/12 19:40	2020275	CSW
Chromium	ND	0.0050	0.0005	mg/L	EPA 8020A		1	02/10/12 09:20	02/10/12 19:40	2020275	CSW
Lead	0.0007	0.0010	0.0002	mg/L	EPA 8020A	J	1	02/10/12 09:20	02/10/12 19:40	2020275	CSW
Selenium	0.0015	0.0050	0.0008	mg/L	EPA 8020A	J	1	02/10/12 09:20	02/10/12 19:40	2020275	CSW
Silver	ND	0.0050	0.0001	mg/L	EPA 8020A		1	02/10/12 09:20	02/10/12 19:40	2020275	CSW
Mercury	ND	0.0005	0.00009	mg/L	EPA 7470A		1	02/13/12 11:45	02/14/12 15:53	2020322	CSW
Metals, Dissolved											
Iron	11.6	0.040	0.001	mg/L	EPA 200.7		1	02/23/12 08:55	02/23/12 15:32	2020639	FBS
Manganese	0.334	0.040	0.001	mg/L	EPA 200.7		1	02/23/12 08:55	02/23/12 15:32	2020639	FBS
Volatile Organic Compounds by EPA 8260											
Acetone	5.9	100	3.8	ug/L	EPA 8260B	J	1	02/09/12 13:30	02/09/12 15:56	2020264	GMM
Acrolein	ND	14	2.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:56	2020264	GMM
Acrylonitrile	ND	4.0	1.3	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:56	2020264	GMM
Allyl Chloride (3-Chloropropylene)	ND	10	0.6	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:56	2020264	GMM
Benzene	ND	1.0	0.3	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:56	2020264	GMM
Bromobenzene	ND	10	0.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:56	2020264	GMM
Bromochloromethane	ND	10	0.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:56	2020264	GMM
Bromodichloromethane	ND	1.0	0.2	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:56	2020264	GMM
Bromoform	ND	4.4	0.5	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:56	2020264	GMM
Bromomethane	ND	9.8	1.3	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:56	2020264	GMM



ANALYTICAL SERVICES, INC.

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

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

Attention: Mr. Bob Schoepke

February 28, 2012

Report No.: AVB0298

Project: Tampa, FL

Client ID: MW-3-020812

Lab Number ID: AVB0298-04

Date/Time Sampled: 2/8/2012 12:30:00PM

Date/Time Received: 2/8/2012 10:00:00AM

Matrix: Water

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Volatile Organic Compounds by EPA 8260											
n-Butylbenzene	ND	10	0.2	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:56	2020264	GMM
sec-Butylbenzene	ND	10	0.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:56	2020264	GMM
tert-Butylbenzene	ND	10	0.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:56	2020264	GMM
Carbon Disulfide	ND	10	0.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:56	2020264	GMM
Carbon Tetrachloride	ND	2.0	0.3	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:56	2020264	GMM
Chlorobenzene	ND	10	0.5	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:56	2020264	GMM
1-Chlorobutane	ND	10	0.5	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:56	2020264	GMM
Chloroethane	ND	5.0	0.6	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:56	2020264	GMM
2-Chloroethyl Vinyl Ether	ND	10	0.6	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:56	2020264	GMM
Chloroform	ND	2.0	0.6	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:56	2020264	GMM
Chloromethane	ND	2.7	0.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:56	2020264	GMM
2-Chlorotoluene	ND	10	0.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:56	2020264	GMM
4-Chlorotoluene	ND	10	0.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:56	2020264	GMM
Dibromochloromethane	ND	1.0	0.2	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:56	2020264	GMM
1,2-Dibromo-3-chloropropane	ND	5.0	1.3	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:56	2020264	GMM
1,2-Dibromoethane	ND	2.0	0.3	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:56	2020264	GMM
Dibromomethane	ND	10	0.5	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:56	2020264	GMM
1,2-Dichlorobenzene	ND	10	0.6	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:56	2020264	GMM
1,3-Dichlorobenzene	ND	10	0.6	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:56	2020264	GMM
1,4-Dichlorobenzene	ND	10	0.6	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:56	2020264	GMM
trans-1,4-Dichloro-2-butene	ND	5.0	1.2	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:56	2020264	GMM
Dichlorodifluoromethane	ND	10	0.5	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:56	2020264	GMM
1,1-Dichloroethane	ND	2.0	0.3	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:56	2020264	GMM
1,2-Dichloroethane	ND	2.0	0.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:56	2020264	GMM
1,1-Dichloroethene	ND	2.0	0.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:56	2020264	GMM
cis-1,2-Dichloroethene	ND	2.0	0.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:56	2020264	GMM
trans-1,2-Dichloroethene	ND	2.0	0.3	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:56	2020264	GMM
1,2-Dichloroethene (total)	ND	2.0	0.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:56	2020264	GMM
1,2-Dichloropropane	ND	2.0	0.3	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:56	2020264	GMM
1,3-Dichloropropane	ND	2.0	0.3	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:56	2020264	GMM
2,2-Dichloropropane	ND	10	0.2	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:56	2020264	GMM
1,1-Dichloropropene	ND	10	0.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:56	2020264	GMM



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Safety-Kleen Corporation - Elgin
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Elgin IL, 60120

Attention: Mr. Bob Schoepke

February 28, 2012

Report No.: AVB0298

Project: Tampa, FL

Client ID: MW-3-020812

Lab Number ID: AVB0298-04

Date/Time Sampled: 2/8/2012 12:30:00PM

Date/Time Received: 2/8/2012 10:00:00AM

Matrix: Water

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Volatile Organic Compounds by EPA 8260											
cis-1,3-Dichloropropene	ND	1.0	0.2	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:56	2020284 GMM	
trans-1,3-Dichloropropene	ND	2.0	0.2	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:56	2020284 GMM	
Ethylbenzene	ND	2.0	0.3	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:56	2020284 GMM	
Ethyl Methacrylate	ND	10	0.6	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:56	2020284 GMM	
Hexachlorobutadiene	ND	2.0	1.0	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:56	2020284 GMM	
p-Isopropyltoluene	ND	10	0.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:56	2020284 GMM	
Hexachloroethane	ND	4.0	1.2	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:56	2020284 GMM	
Iodomethane	ND	10	0.5	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:56	2020284 GMM	
Isopropylbenzene	ND	10	0.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:56	2020284 GMM	
Methacrylonitrile	ND	5.0	1.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:56	2020284 GMM	
Methyl Acrylate	ND	10	0.6	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:56	2020284 GMM	
Methyl Butyl Ketone (2-Hexanone)	ND	10	1.1	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:56	2020284 GMM	
Methylene Chloride	ND	5.0	0.6	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:56	2020284 GMM	
Methyl Ethyl Ketone (2-Butanone)	4.0	100	1.8	ug/L	EPA 8260B	J	1	02/09/12 13:30	02/09/12 15:56	2020284 GMM	
Methyl Methacrylate	ND	10	0.6	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:56	2020284 GMM	
4-Methyl-2-pentanone (MIBK)	ND	10	1.1	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:56	2020284 GMM	
Methyl-tert-Butyl Ether	ND	10	0.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:56	2020284 GMM	
Naphthalene	4.1	10	0.4	ug/L	EPA 8260B	J	1	02/09/12 13:30	02/09/12 15:56	2020284 GMM	
2-Nitropropane	ND	10	1.2	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:56	2020284 GMM	
Propionitrile (Ethyl Cyanide)	ND	20	1.6	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:56	2020284 GMM	
n-Propylbenzene	ND	10	0.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:56	2020284 GMM	
Styrene	ND	5.0	0.3	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:56	2020284 GMM	
1,1,1,2-Tetrachloroethane	ND	1.3	0.3	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:56	2020284 GMM	
1,1,2,2-Tetrachloroethane	ND	1.0	0.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:56	2020284 GMM	
Tetrachloroethene	ND	2.0	0.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:56	2020284 GMM	
Toluene	ND	2.0	0.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:56	2020284 GMM	
1,2,3-Trichlorobenzene	ND	10	0.7	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:56	2020284 GMM	
1,2,4-Trichlorobenzene	ND	10	0.5	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:56	2020284 GMM	
1,1,1-Trichloroethane	ND	2.0	0.3	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:56	2020284 GMM	
1,1,2-Trichloroethane	ND	2.0	0.7	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:56	2020284 GMM	
Trichloroethene	ND	2.0	0.3	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:56	2020284 GMM	
Trichlorofluoromethane	ND	10	0.3	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:56	2020284 GMM	



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Elgin IL, 60120

Attention: Mr. Bob Schoepke

February 28, 2012

Report No.: AVB0298

Project: Tampa, FL

Client ID: MW-3-020812

Lab Number ID: AVB0298-04

Date/Time Sampled: 2/8/2012 12:30:00PM

Date/Time Received: 2/9/2012 10:00:00AM

Matrix: Water

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Volatile Organic Compounds by EPA 8260											
1,2,3-Trichloropropane	ND	1.0	0.7	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:56	2020284 GMM	
1,2,4-Trimethylbenzene	ND	10	0.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:56	2020284 GMM	
1,3,5-Trimethylbenzene	ND	10	0.3	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:56	2020284 GMM	
Vinyl Acetate	ND	10	0.2	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:56	2020284 GMM	
Vinyl Chloride	ND	1.0	0.2	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:56	2020284 GMM	
m+p-Xylene	ND	5.0	0.6	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:56	2020284 GMM	
o-Xylene	ND	5.0	0.3	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:56	2020284 GMM	
Xylenes, total	ND	5.0	0.6	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 15:56	2020284 GMM	
Surrogate: Dibromofluoromethane	81 %		75-123		EPA 8260B			02/09/12 13:30	02/09/12 15:56	2020284	
Surrogate: 1,2-Dichloroethane-d4	91 %		72-120		EPA 8260B			02/09/12 13:30	02/09/12 15:56	2020284	
Surrogate: Toluene-d8	86 %		75-120		EPA 8260B			02/09/12 13:30	02/09/12 15:56	2020284	
Surrogate: 4-Bromofluorobenzene	91 %		80-120		EPA 8260B			02/09/12 13:30	02/09/12 15:56	2020284	
Semivolatile Organic Compounds by EPA 8270											
Acenaphthene	ND	9.4	4.4	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:48	2020287 RAC	
Acenaphthylene	ND	9.4	4.3	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:48	2020287 RAC	
Anthracene	ND	9.4	4.1	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:48	2020287 RAC	
Benzo(a)anthracene	ND	9.4	3.8	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:48	2020287 RAC	
Benzo(a)pyrene	ND	9.4	4.6	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:48	2020287 RAC	
Benzo(b)fluoranthene	ND	9.4	4.1	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:48	2020287 RAC	
Benzo(ghi)perylene	ND	9.4	5.2	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:48	2020287 RAC	
Benzo(k)fluoranthene	ND	9.4	4.7	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:48	2020287 RAC	
Benzoic acid	ND	47	2.9	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:48	2020287 RAC	
Benzyl alcohol	ND	19	4.8	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:48	2020287 RAC	
Benzyl butyl phthalate	ND	9.4	5.9	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:48	2020287 RAC	
4-Bromophenyl phenyl ether	ND	9.4	4.7	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:48	2020287 RAC	
Di-n-butyl phthalate	ND	9.4	4.5	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:48	2020287 RAC	
4-Chloroaniline	ND	19	3.9	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:48	2020287 RAC	
Bis(2-chloroethoxy)methane	ND	9.4	4.1	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:48	2020287 RAC	
Bis(2-chloroethyl)ether	ND	9.4	3.1	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:48	2020287 RAC	
Bis(2-chloroisopropyl)ether	ND	9.4	3.5	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:48	2020287 RAC	
4-Chloro-3-methylphenol	ND	9.4	5.4	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:48	2020287 RAC	



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Attention: Mr. Bob Schoepke

February 28, 2012

Report No.: AVB0298

Project: Tampa, FL

Client ID: MW-3-020812

Lab Number ID: AVB0298-04

Date/Time Sampled: 2/8/2012 12:30:00PM

Date/Time Received: 2/9/2012 10:00:00AM

Matrix: Water

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Semivolatile Organic Compounds by EPA 8270											
2-Chloronaphthalene	ND	9.4	4.0	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:48	2020287	RAC
2-Chlorophenol	ND	9.4	3.9	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:48	2020287	RAC
4-Chlorophenyl phenyl ether	ND	9.4	3.9	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:48	2020287	RAC
Chrysene	ND	9.4	3.7	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:48	2020287	RAC
Dibenzo(a,h)anthracene	ND	9.4	4.2	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:48	2020287	RAC
Dibenzofuran	ND	9.4	4.3	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:48	2020287	RAC
1,2-Dichlorobenzene	ND	9.4	3.1	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:48	2020287	RAC
1,3-Dichlorobenzene	ND	9.4	2.7	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:48	2020287	RAC
1,4-Dichlorobenzene	ND	9.4	2.7	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:48	2020287	RAC
3,3'-Dichlorobenzidine	ND	19	4.7	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:48	2020287	RAC
2,4-Dichlorophenol	ND	9.4	5.0	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:48	2020287	RAC
Diethyl phthalate	ND	9.4	3.7	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:48	2020287	RAC
2,4-Dimethylphenol	ND	9.4	4.2	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:48	2020287	RAC
Dimethyl phthalate	ND	9.4	3.8	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:48	2020287	RAC
4,6-Dinitro-2-methylphenol	ND	47	5.4	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:48	2020287	RAC
2,4-Dinitrophenol	ND	47	6.8	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:48	2020287	RAC
2,4-Dinitrotoluene	ND	19	4.4	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:48	2020287	RAC
2,6-Dinitrotoluene	ND	19	4.4	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:48	2020287	RAC
Bis(2-ethylhexyl)phthalate	ND	9.4	5.6	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:48	2020287	RAC
Fluoranthene	ND	9.4	4.3	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:48	2020287	RAC
Fluorene	ND	9.4	4.1	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:48	2020287	RAC
Hexachlorobenzene	ND	9.4	3.7	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:48	2020287	RAC
Hexachlorobutadiene	ND	9.4	3.9	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:48	2020287	RAC
Hexachlorocyclopentadiene	ND	9.4	5.4	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:48	2020287	RAC
Hexachloroethane	ND	9.4	3.2	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:48	2020287	RAC
Indeno(1,2,3-cd)pyrene	ND	9.4	4.7	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:48	2020287	RAC
Isophorone	ND	9.4	4.2	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:48	2020287	RAC
2-Methylnaphthalene	ND	9.4	4.8	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:48	2020287	RAC
2-Methylphenol (o-cresol)	ND	9.4	4.7	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:48	2020287	RAC
3+4-Methylphenol (m+p-cresol)	ND	9.4	5.1	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:48	2020287	RAC
Naphthalene	ND	9.4	3.5	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:48	2020287	RAC
2-Nitroaniline	ND	47	5.9	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:48	2020287	RAC



ANALYTICAL SERVICES, INC.

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

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

Attention: Mr. Bob Schoepke

February 28, 2012

Report No.: AVB0298

Project: Tampa, FL

Client ID: MW-3-020812

Lab Number ID: AVB0298-04

Date/Time Sampled: 2/8/2012 12:30:00PM

Date/Time Received: 2/9/2012 10:00:00AM

Matrix: Water

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Semivolatile Organic Compounds by EPA 8270											
3-Nitroaniline	ND	47	5.2	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:48	2020287	RAC
4-Nitroaniline	ND	47	5.6	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:48	2020287	RAC
Nitrobenzene	ND	9.4	3.8	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:48	2020287	RAC
2-Nitrophenol	ND	47	4.6	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:48	2020287	RAC
4-Nitrophenol	ND	47	4.0	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:48	2020287	RAC
N-Nitrosodimethylamine	ND	9.4	2.4	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:48	2020287	RAC
N-Nitrosodiphenylamine/Diphenylamine	ND	9.4	3.6	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:48	2020287	RAC
N-Nitrosodi-n-propylamine	ND	9.4	5.7	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:48	2020287	RAC
Di-n-octyl phthalate	ND	9.4	5.9	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:48	2020287	RAC
Pentachlorophenol	ND	19	5.7	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:48	2020287	RAC
Phenanthrene	ND	9.4	3.8	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:48	2020287	RAC
Phenol	ND	9.4	2.7	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:48	2020287	RAC
Pyrene	ND	9.4	4.3	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:48	2020287	RAC
1,2,4-Trichlorobenzene	ND	9.4	3.1	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:48	2020287	RAC
2,4,5-Trichlorophenol	ND	9.4	5.5	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:48	2020287	RAC
2,4,6-Trichlorophenol	ND	9.4	5.2	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 17:48	2020287	RAC
Surrogate: 2-Fluorophenol	44 %	10-88			EPA 8270D			02/10/12 10:50	02/13/12 17:48	2020287	
Surrogate: Phenol-d6	28 %	10-61			EPA 8270D			02/10/12 10:50	02/13/12 17:48	2020287	
Surrogate: Nitrobenzene-d5	68 %	28-109			EPA 8270D			02/10/12 10:50	02/13/12 17:48	2020287	
Surrogate: 2-Fluorobiphenyl	74 %	38-112			EPA 8270D			02/10/12 10:50	02/13/12 17:48	2020287	
Surrogate: 2,4,6-Tribromophenol	109 %	10-165			EPA 8270D			02/10/12 10:50	02/13/12 17:48	2020287	
Surrogate: p-Terphenyl-d14	90 %	10-142			EPA 8270D			02/10/12 10:50	02/13/12 17:48	2020287	



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110 Technology Parkway, Norcross, GA 30092
(770) 734-4200 FAX (770) 734-4201

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

Attention: Mr. Bob Schoepke

February 28, 2012

Report No.: AVB0298

Project: Tampa, FL

Client ID: MW-1-020812

Lab Number ID: AVB0298-05

Date/Time Sampled: 2/8/2012 11:19:00AM

Date/Time Received: 2/9/2012 10:00:00AM

Matrix: Water

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
General Chemistry											
Total Dissolved Solids	1200	5	5	mg/L	SM 2540 C		1	02/09/12 10:05	02/09/12 10:05	2020180	NJS
Inorganic Anions											
Chloride	140	20	0.30	mg/L	EPA 300.0		20	02/15/12 20:10	02/15/12 20:10	2020406	MZP
Sulfate	2.0	5.0	0.03	mg/L	EPA 300.0	J	1	02/14/12 21:52	02/14/12 21:52	2020406	MZP
Metals, Total											
Iron	30.0	0.040	0.001	mg/L	EPA 200.7		1	02/15/12 09:20	02/27/12 14:07	2020408	FBS
Manganese	0.990	0.040	0.001	mg/L	EPA 200.7		1	02/15/12 09:20	02/15/12 13:51	2020408	FBS
Arsenic	0.0049	0.0050	0.0015	mg/L	EPA 6020A	J	1	02/10/12 09:20	02/10/12 19:46	2020275	CSW
Barium	0.0890	0.0050	0.00008	mg/L	EPA 6020A		1	02/10/12 09:20	02/10/12 19:46	2020275	CSW
Cadmium	ND	0.0005	0.00007	mg/L	EPA 6020A		1	02/10/12 09:20	02/10/12 19:46	2020275	CSW
Chromium	ND	0.0050	0.0005	mg/L	EPA 6020A		1	02/10/12 09:20	02/10/12 19:46	2020275	CSW
Lead	0.0003	0.0010	0.0002	mg/L	EPA 6020A	J	1	02/10/12 09:20	02/10/12 19:46	2020275	CSW
Selenium	ND	0.0050	0.0008	mg/L	EPA 6020A		1	02/10/12 09:20	02/10/12 19:46	2020275	CSW
Silver	ND	0.0050	0.0001	mg/L	EPA 6020A		1	02/10/12 09:20	02/10/12 19:46	2020275	CSW
Mercury	ND	0.0005	0.00009	mg/L	EPA 7470A		1	02/13/12 11:45	02/14/12 15:55	2020322	CSW
Metals, Dissolved											
Iron	31.0	0.040	0.001	mg/L	EPA 200.7		1	02/23/12 08:55	02/27/12 14:03	2020639	FBS
Manganese	1.08	0.040	0.001	mg/L	EPA 200.7		1	02/23/12 08:55	02/23/12 15:43	2020639	FBS
Volatile Organic Compounds by EPA 8260											
Acetone	4.6	100	3.8	ug/L	EPA 8260B	J	1	02/09/12 13:30	02/09/12 16:28	2020264	GMM
Acrolein	ND	14	2.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 16:28	2020264	GMM
Acrylonitrile	ND	4.0	1.3	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 16:28	2020264	GMM
Allyl Chloride (3-Chloropropylene)	ND	10	0.6	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 16:28	2020264	GMM
Benzene	ND	1.0	0.3	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 16:28	2020264	GMM
Bromobenzene	ND	10	0.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 16:28	2020264	GMM
Bromochloromethane	ND	10	0.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 16:28	2020264	GMM
Bromodichloromethane	ND	1.0	0.2	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 16:28	2020264	GMM
Bromoform	ND	4.4	0.5	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 16:28	2020264	GMM
Bromomethane	ND	9.8	1.3	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 16:28	2020264	GMM



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

Attention: Mr. Bob Schoepke

February 28, 2012

Report No.: AVB0298

Project: Tampa, FL

Client ID: MW-1-020812

Lab Number ID: AVB0298-05

Date/Time Sampled: 2/8/2012 11:19:00AM

Date/Time Received: 2/9/2012 10:00:00AM

Matrix: Water

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Volatile Organic Compounds by EPA 8260											
n-Butylbenzene	ND	10	0.2	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 16:28	2020264	GMM
sec-Butylbenzene	ND	10	0.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 16:28	2020264	GMM
tert-Butylbenzene	ND	10	0.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 16:28	2020264	GMM
Carbon Disulfide	ND	10	0.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 16:28	2020264	GMM
Carbon Tetrachloride	ND	2.0	0.3	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 16:28	2020264	GMM
Chlorobenzene	ND	10	0.5	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 16:28	2020264	GMM
1-Chlorobutane	ND	10	0.5	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 16:28	2020264	GMM
Chloroethane	ND	5.0	0.6	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 16:28	2020264	GMM
2-Chloroethyl Vinyl Ether	ND	10	0.6	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 16:28	2020264	GMM
Chloroform	ND	2.0	0.6	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 16:28	2020264	GMM
Chloromethane	ND	2.7	0.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 16:28	2020264	GMM
2-Chlorotoluene	ND	10	0.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 16:28	2020264	GMM
4-Chlorotoluene	ND	10	0.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 16:28	2020264	GMM
Dibromochloromethane	ND	1.0	0.2	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 16:28	2020264	GMM
1,2-Dibromo-3-chloropropane	ND	5.0	1.3	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 16:28	2020264	GMM
1,2-Dibromoethane	ND	2.0	0.3	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 16:28	2020264	GMM
Dibromomethane	ND	10	0.5	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 16:28	2020264	GMM
1,2-Dichlorobenzene	ND	10	0.6	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 16:28	2020264	GMM
1,3-Dichlorobenzene	ND	10	0.6	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 16:28	2020264	GMM
1,4-Dichlorobenzene	ND	10	0.6	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 16:28	2020264	GMM
trans-1,4-Dichloro-2-butene	ND	5.0	1.2	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 16:28	2020264	GMM
Dichlorodifluoromethane	ND	10	0.5	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 16:28	2020264	GMM
1,1-Dichloroethane	ND	2.0	0.3	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 16:28	2020264	GMM
1,2-Dichloroethane	ND	2.0	0.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 16:28	2020264	GMM
1,1-Dichloroethene	ND	2.0	0.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 16:28	2020264	GMM
cis-1,2-Dichloroethene	ND	2.0	0.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 16:28	2020264	GMM
trans-1,2-Dichloroethene	ND	2.0	0.3	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 16:28	2020264	GMM
1,2-Dichloroethene (total)	ND	2.0	0.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 16:28	2020264	GMM
1,2-Dichloropropane	ND	2.0	0.3	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 16:28	2020264	GMM
1,3-Dichloropropane	ND	2.0	0.3	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 16:28	2020264	GMM
2,2-Dichloropropane	ND	10	0.2	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 16:28	2020264	GMM
1,1-Dichloropropene	ND	10	0.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 16:28	2020264	GMM



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Elgin IL, 60120

Attention: Mr. Bob Schoepke

February 28, 2012

Report No.: AVB0298

Project: Tampa, FL

Client ID: MW-1-020812

Lab Number ID: AVB0298-05

Date/Time Sampled: 2/8/2012 11:19:00AM

Date/Time Received: 2/8/2012 10:00:00AM

Matrix: Water

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Int.
Volatile Organic Compounds by EPA 8260											
cis-1,3-Dichloropropene	ND	1.0	0.2	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 16:28	2020264 GMM	
trans-1,3-Dichloropropene	ND	2.0	0.2	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 16:28	2020264 GMM	
Ethylbenzene	ND	2.0	0.3	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 16:28	2020264 GMM	
Ethyl Methacrylate	ND	10	0.6	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 16:28	2020264 GMM	
Hexachlorobutadiene	ND	2.0	1.0	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 16:28	2020264 GMM	
p-Isopropyltoluene	ND	10	0.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 16:28	2020264 GMM	
Hexachloroethane	ND	4.0	1.2	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 16:28	2020264 GMM	
Iodomethane	ND	10	0.5	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 16:28	2020264 GMM	
Isopropylbenzene	ND	10	0.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 16:28	2020264 GMM	
Methacrylonitrile	ND	5.0	1.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 16:28	2020264 GMM	
Methyl Acrylate	ND	10	0.6	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 16:28	2020264 GMM	
Methyl Butyl Ketone (2-Hexanone)	ND	10	1.1	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 16:28	2020264 GMM	
Methylene Chloride	ND	5.0	0.6	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 16:28	2020264 GMM	
Methyl Ethyl Ketone (2-Butanone)	ND	100	1.8	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 16:28	2020264 GMM	
Methyl Methacrylate	ND	10	0.6	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 16:28	2020264 GMM	
4-Methyl-2-pentanone (MIBK)	ND	10	1.1	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 16:28	2020264 GMM	
Methyl-tert-Butyl Ether	ND	10	0.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 16:28	2020264 GMM	
Naphthalene	ND	10	0.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 16:28	2020264 GMM	
2-Nitropropane	ND	10	1.2	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 16:28	2020264 GMM	
Propionitrile (Ethyl Cyanide)	ND	20	1.6	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 16:28	2020264 GMM	
n-Propylbenzene	ND	10	0.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 16:28	2020264 GMM	
Styrene	ND	5.0	0.3	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 16:28	2020264 GMM	
1,1,1,2-Tetrachloroethane	ND	1.3	0.3	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 16:28	2020264 GMM	
1,1,2,2-Tetrachloroethane	ND	1.0	0.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 16:28	2020264 GMM	
Tetrachloroethene	ND	2.0	0.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 16:28	2020264 GMM	
Toluene	33	2.0	0.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 16:28	2020264 GMM	
1,2,3-Trichlorobenzene	ND	10	0.7	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 16:28	2020264 GMM	
1,2,4-Trichlorobenzene	ND	10	0.5	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 16:28	2020264 GMM	
1,1,1-Trichloroethane	ND	2.0	0.3	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 16:28	2020264 GMM	
1,1,2-Trichloroethane	ND	2.0	0.7	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 16:28	2020264 GMM	
Trichloroethene	ND	2.0	0.3	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 16:28	2020264 GMM	
Trichlorofluoromethane	ND	10	0.3	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 16:28	2020264 GMM	



ANALYTICAL SERVICES, INC.

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

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

Attention: Mr. Bob Schoepke

February 28, 2012

Report No.: AVB0298

Project: Tampa, FL

Client ID: MW-1-020812

Lab Number ID: AVB0298-05

Date/Time Sampled: 2/8/2012 11:19:00AM

Date/Time Received: 2/9/2012 10:00:00AM

Matrix: Water

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Volatile Organic Compounds by EPA 8260											
1,2,3-Trichloropropane	ND	1.0	0.7	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 16:28	2020264	GMM
1,2,4-Trimethylbenzene	ND	10	0.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 16:28	2020264	GMM
1,3,5-Trimethylbenzene	ND	10	0.3	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 16:28	2020264	GMM
Vinyl Acetate	ND	10	0.2	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 16:28	2020264	GMM
Vinyl Chloride	ND	1.0	0.2	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 16:28	2020264	GMM
m+p-Xylene	ND	5.0	0.6	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 16:28	2020264	GMM
o-Xylene	ND	5.0	0.3	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 16:28	2020264	GMM
Xylenes, total	ND	5.0	0.6	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 16:28	2020264	GMM
Surrogate: Dibromofluoromethane	81 %		75-123		EPA 8260B			02/09/12 13:30	02/09/12 16:28	2020264	
Surrogate: 1,2-Dichloroethane-d4	91 %		72-120		EPA 8260B			02/09/12 13:30	02/09/12 16:28	2020264	
Surrogate: Toluene-d8	85 %		75-120		EPA 8260B			02/09/12 13:30	02/09/12 16:28	2020264	
Surrogate: 4-Bromofluorobenzene	89 %		80-120		EPA 8260B			02/09/12 13:30	02/09/12 16:28	2020264	
Semivolatile Organic Compounds by EPA 8270											
Acenaphthene	ND	9.6	4.5	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 18:10	2020287	RAC
Acenaphthylene	ND	9.6	4.4	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 18:10	2020287	RAC
Anthracene	ND	9.6	4.1	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 18:10	2020287	RAC
Benzo(a)anthracene	ND	9.6	3.9	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 18:10	2020287	RAC
Benzo(a)pyrene	ND	9.6	4.7	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 18:10	2020287	RAC
Benzo(b)fluoranthene	ND	9.6	4.2	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 18:10	2020287	RAC
Benzo(ghi)perylene	ND	9.6	5.3	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 18:10	2020287	RAC
Benzo(k)fluoranthene	ND	9.6	4.8	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 18:10	2020287	RAC
Benzoic acid	ND	48	3.0	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 18:10	2020287	RAC
Benzyl alcohol	ND	19	4.9	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 18:10	2020287	RAC
Benzyl butyl phthalate	ND	9.6	6.0	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 18:10	2020287	RAC
4-Bromophenyl phenyl ether	ND	9.6	4.8	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 18:10	2020287	RAC
Di-n-butyl phthalate	ND	9.6	4.6	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 18:10	2020287	RAC
4-Chloroaniline	ND	19	4.0	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 18:10	2020287	RAC
Bis(2-chloroethoxy)methane	ND	9.6	4.2	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 18:10	2020287	RAC
Bis(2-chloroethyl)ether	ND	9.6	3.2	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 18:10	2020287	RAC
Bis(2-chloroisopropyl)ether	ND	9.6	3.6	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 18:10	2020287	RAC
4-Chloro-3-methylphenol	ND	9.6	5.5	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 18:10	2020287	RAC



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Safety-Kleen Corporation - Elgin
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Elgin IL, 60120

Attention: Mr. Bob Schoepke

February 28, 2012

Report No.: AVB0298

Project: Tampa, FL

Client ID: MW-1-020812

Lab Number ID: AVB0298-05

Date/Time Sampled: 2/8/2012 11:19:00AM

Date/Time Received: 2/9/2012 10:00:00AM

Matrix: Water

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Semivolatile Organic Compounds by EPA 8270											
2-Chloronaphthalene	ND	9.6	4.0	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 18:10	2020287	RAC
2-Chlorophenol	ND	9.6	4.0	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 18:10	2020287	RAC
4-Chlorophenyl phenyl ether	ND	9.6	4.0	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 18:10	2020287	RAC
Chrysene	ND	9.6	3.8	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 18:10	2020287	RAC
Dibenzo(a,h)anthracene	ND	9.6	4.3	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 18:10	2020287	RAC
Dibenzofuran	ND	9.6	4.4	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 18:10	2020287	RAC
1,2-Dichlorobenzene	ND	9.6	3.1	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 18:10	2020287	RAC
1,3-Dichlorobenzene	ND	9.6	2.7	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 18:10	2020287	RAC
1,4-Dichlorobenzene	ND	9.6	2.7	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 18:10	2020287	RAC
3,3'-Dichlorobenzidine	ND	19	4.8	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 18:10	2020287	RAC
2,4-Dichlorophenol	ND	9.6	5.1	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 18:10	2020287	RAC
Diethyl phthalate	ND	9.6	3.8	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 18:10	2020287	RAC
2,4-Dimethylphenol	ND	9.6	4.2	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 18:10	2020287	RAC
Dimethyl phthalate	ND	9.6	3.9	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 18:10	2020287	RAC
4,6-Dinitro-2-methylphenol	ND	48	5.5	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 18:10	2020287	RAC
2,4-Dinitrophenol	ND	48	7.0	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 18:10	2020287	RAC
2,4-Dinitrotoluene	ND	19	4.5	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 18:10	2020287	RAC
2,6-Dinitrotoluene	ND	19	4.5	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 18:10	2020287	RAC
Bis(2-ethylhexyl)phthalate	ND	9.6	5.7	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 18:10	2020287	RAC
Fluoranthene	ND	9.6	4.4	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 18:10	2020287	RAC
Fluorene	ND	9.6	4.2	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 18:10	2020287	RAC
Hexachlorobenzene	ND	9.6	3.8	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 18:10	2020287	RAC
Hexachlorobutadiene	ND	9.6	4.0	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 18:10	2020287	RAC
Hexachlorocyclopentadiene	ND	9.6	5.5	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 18:10	2020287	RAC
Hexachloroethane	ND	9.6	3.3	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 18:10	2020287	RAC
Indeno(1,2,3-cd)pyrene	ND	9.6	4.8	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 18:10	2020287	RAC
Isophorone	ND	9.6	4.2	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 18:10	2020287	RAC
2-Methylnaphthalene	ND	9.6	4.9	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 18:10	2020287	RAC
2-Methylphenol (o-cresol)	ND	9.6	4.8	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 18:10	2020287	RAC
3+4-Methylphenol (m+p-cresol)	6.6	9.6	5.2	ug/L	EPA 8270D	J	1	02/10/12 10:50	02/13/12 18:10	2020287	RAC
Naphthalene	ND	9.6	3.5	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 18:10	2020287	RAC
2-Nitroaniline	ND	48	6.0	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 18:10	2020287	RAC



ANALYTICAL SERVICES, INC.

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

Attention: Mr. Bob Schoepke

February 28, 2012

Report No.: AVB0298

Project: Tampa, FL

Client ID: MW-1-020812

Lab Number ID: AVB0298-05

Date/Time Sampled: 2/8/2012 11:19:00AM

Date/Time Received: 2/9/2012 10:00:00AM

Matrix: Water

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Semivolatile Organic Compounds by EPA 8270											
3-Nitroaniline	ND	48	5.3	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 18:10	2020287	RAC
4-Nitroaniline	ND	48	5.7	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 18:10	2020287	RAC
Nitrobenzene	ND	9.6	3.9	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 18:10	2020287	RAC
2-Nitrophenol	ND	48	4.7	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 18:10	2020287	RAC
4-Nitrophenol	ND	48	4.0	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 18:10	2020287	RAC
N-Nitrosodimethylamine	ND	9.6	2.4	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 18:10	2020287	RAC
N-Nitrosodiphenylamine/Diphenylamine	ND	9.6	3.7	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 18:10	2020287	RAC
N-Nitrosodi-n-propylamine	ND	9.6	5.9	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 18:10	2020287	RAC
Di-n-octyl phthalate	ND	9.6	6.0	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 18:10	2020287	RAC
Pentachlorophenol	ND	19	5.8	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 18:10	2020287	RAC
Phenanthrene	ND	9.6	3.9	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 18:10	2020287	RAC
Phenol	ND	9.6	2.8	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 18:10	2020287	RAC
Pyrene	ND	9.6	4.3	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 18:10	2020287	RAC
1,2,4-Trichlorobenzene	ND	9.6	3.1	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 18:10	2020287	RAC
2,4,5-Trichlorophenol	ND	9.6	5.7	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 18:10	2020287	RAC
2,4,6-Trichlorophenol	ND	9.6	5.3	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 18:10	2020287	RAC
Surrogate: 2-Fluorophenol	40 %	10-88			EPA 8270D			02/10/12 10:50	02/13/12 18:10	2020287	
Surrogate: Phenol-d6	26 %	10-61			EPA 8270D			02/10/12 10:50	02/13/12 18:10	2020287	
Surrogate: Nitrobenzene-d5	62 %	28-109			EPA 8270D			02/10/12 10:50	02/13/12 18:10	2020287	
Surrogate: 2-Fluorobiphenyl	71 %	38-112			EPA 8270D			02/10/12 10:50	02/13/12 18:10	2020287	
Surrogate: 2,4,6-Tribromophenol	94 %	10-165			EPA 8270D			02/10/12 10:50	02/13/12 18:10	2020287	
Surrogate: p-Terphenyl-d14	71 %	10-142			EPA 8270D			02/10/12 10:50	02/13/12 18:10	2020287	



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

Attention: Mr. Bob Schoepke

February 28, 2012

Report No.: AVB0298

Project: Tampa, FL

Client ID: MW-2-020812

Lab Number ID: AVB0298-06

Date/Time Sampled: 2/8/2012 10:08:00AM

Date/Time Received: 2/9/2012 10:00:00AM

Matrix: Water

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
General Chemistry											
Total Dissolved Solids	726	5	5	mg/L	SM 2540 C		1	02/09/12 10:05	02/09/12 10:05	2020180	NJS
Inorganic Anions											
Chloride	120	50	0.75	mg/L	EPA 300.0		50	02/15/12 20:30	02/15/12 20:30	2020408	MZP
Sulfate	35	5.0	0.03	mg/L	EPA 300.0		1	02/14/12 22:13	02/14/12 22:13	2020408	MZP
Metals, Total											
Iron	1.30	0.040	0.005	mg/L	EPA 200.7		1	02/15/12 09:20	02/15/12 13:55	2020408	FBS
Manganese	0.019	0.040	0.001	mg/L	EPA 200.7	J	1	02/15/12 09:20	02/15/12 13:55	2020408	FBS
Arsenic	0.0021	0.0050	0.0015	mg/L	EPA 6020A	J	1	02/10/12 09:20	02/10/12 19:52	2020275	CSW
Barium	0.0164	0.0050	0.00008	mg/L	EPA 6020A		1	02/10/12 09:20	02/10/12 19:52	2020275	CSW
Cadmium	0.000080	0.0005	0.00007	mg/L	EPA 6020A	J	1	02/10/12 09:20	02/10/12 19:52	2020275	CSW
Chromium	0.0022	0.0050	0.0005	mg/L	EPA 6020A	J	1	02/10/12 09:20	02/10/12 19:52	2020275	CSW
Lead	0.0043	0.0010	0.0002	mg/L	EPA 6020A		1	02/10/12 09:20	02/10/12 19:52	2020275	CSW
Selenium	ND	0.0050	0.0008	mg/L	EPA 6020A		1	02/10/12 09:20	02/10/12 19:52	2020275	CSW
Silver	ND	0.0050	0.0001	mg/L	EPA 6020A		1	02/10/12 09:20	02/10/12 19:52	2020275	CSW
Mercury	ND	0.0005	0.00009	mg/L	EPA 7470A		1	02/13/12 11:45	02/14/12 15:58	2020322	CSW
Metals, Dissolved											
Iron	0.660	0.040	0.001	mg/L	EPA 200.7		1	02/23/12 08:55	02/23/12 15:47	2020639	FBS
Manganese	0.019	0.040	0.001	mg/L	EPA 200.7	J	1	02/23/12 08:55	02/23/12 15:47	2020639	FBS
Volatile Organic Compounds by EPA 8260											
Acetone	27	100	3.8	ug/L	EPA 8260B	J	1	02/09/12 13:30	02/09/12 17:00	2020264	GMM
Acrolein	ND	14	2.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 17:00	2020264	GMM
Acrylonitrile	ND	4.0	1.3	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 17:00	2020264	GMM
Allyl Chloride (3-Chloropropylene)	ND	10	0.6	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 17:00	2020264	GMM
Benzene	ND	1.0	0.3	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 17:00	2020264	GMM
Bromobenzene	ND	10	0.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 17:00	2020264	GMM
Bromochloromethane	ND	10	0.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 17:00	2020264	GMM
Bromodichloromethane	ND	1.0	0.2	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 17:00	2020264	GMM
Bromoform	ND	4.4	0.5	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 17:00	2020264	GMM
Bromomethane	ND	9.8	1.3	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 17:00	2020264	GMM



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Attention: Mr. Bob Schoepke

February 28, 2012

Report No.: AVB0298

Project: Tampa, FL

Client ID: MW-2-020812

Lab Number ID: AVB0298-06

Date/Time Sampled: 2/8/2012 10:08:00AM

Date/Time Received: 2/8/2012 10:00:00AM

Matrix: Water

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Volatile Organic Compounds by EPA 8260											
n-Butylbenzene	ND	10	0.2	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 17:00	2020264	GMM
sec-Butylbenzene	ND	10	0.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 17:00	2020264	GMM
tert-Butylbenzene	ND	10	0.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 17:00	2020264	GMM
Carbon Disulfide	ND	10	0.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 17:00	2020264	GMM
Carbon Tetrachloride	ND	2.0	0.3	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 17:00	2020264	GMM
Chlorobenzene	2.3	10	0.5	ug/L	EPA 8260B	J	1	02/09/12 13:30	02/09/12 17:00	2020264	GMM
1-Chlorobutane	ND	10	0.5	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 17:00	2020264	GMM
Chloroethane	ND	5.0	0.6	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 17:00	2020264	GMM
2-Chloroethyl Vinyl Ether	ND	10	0.6	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 17:00	2020264	GMM
Chloroform	8.4	2.0	0.6	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 17:00	2020264	GMM
Chloromethane	ND	2.7	0.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 17:00	2020264	GMM
2-Chlorotoluene	ND	10	0.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 17:00	2020264	GMM
4-Chlorotoluene	ND	10	0.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 17:00	2020264	GMM
Dibromochloromethane	ND	1.0	0.2	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 17:00	2020264	GMM
1,2-Dibromo-3-chloropropane	ND	5.0	1.3	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 17:00	2020264	GMM
1,2-Dibromoethane	ND	2.0	0.3	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 17:00	2020264	GMM
Dibromomethane	ND	10	0.5	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 17:00	2020264	GMM
1,2-Dichlorobenzene	ND	10	0.6	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 17:00	2020264	GMM
1,3-Dichlorobenzene	ND	10	0.6	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 17:00	2020264	GMM
1,4-Dichlorobenzene	38	10	0.6	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 17:00	2020264	GMM
trans-1,4-Dichloro-2-butene	ND	5.0	1.2	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 17:00	2020264	GMM
Dichlorodifluoromethane	ND	10	0.5	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 17:00	2020264	GMM
1,1-Dichloroethane	ND	2.0	0.3	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 17:00	2020264	GMM
1,2-Dichloroethane	ND	2.0	0.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 17:00	2020264	GMM
1,1-Dichloroethene	ND	2.0	0.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 17:00	2020264	GMM
cis-1,2-Dichloroethene	ND	2.0	0.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 17:00	2020264	GMM
trans-1,2-Dichloroethene	ND	2.0	0.3	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 17:00	2020264	GMM
1,2-Dichloroethene (total)	ND	2.0	0.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 17:00	2020264	GMM
1,2-Dichloropropane	ND	2.0	0.3	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 17:00	2020264	GMM
1,3-Dichloropropane	ND	2.0	0.3	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 17:00	2020264	GMM
2,2-Dichloropropane	ND	10	0.2	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 17:00	2020264	GMM
1,1-Dichloropropene	ND	10	0.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 17:00	2020264	GMM



ANALYTICAL SERVICES, INC.

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

Attention: Mr. Bob Schoepke

February 28, 2012

Report No.: AVB0298

Project: Tampa, FL

Client ID: MW-2-020812

Lab Number ID: AVB0298-06

Date/Time Sampled: 2/8/2012 10:08:00AM

Date/Time Received: 2/9/2012 10:00:00AM

Matrix: Water

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Volatile Organic Compounds by EPA 8260											
cis-1,3-Dichloropropene	ND	1.0	0.2	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 17:00	2020284	GMM
trans-1,3-Dichloropropene	ND	2.0	0.2	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 17:00	2020284	GMM
Ethylbenzene	ND	2.0	0.3	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 17:00	2020284	GMM
Ethyl Methacrylate	ND	10	0.6	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 17:00	2020284	GMM
Hexachlorobutadiene	ND	2.0	1.0	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 17:00	2020284	GMM
p-Isopropyltoluene	ND	10	0.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 17:00	2020284	GMM
Hexachloroethane	ND	4.0	1.2	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 17:00	2020284	GMM
Iodomethane	ND	10	0.5	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 17:00	2020284	GMM
Isopropylbenzene	ND	10	0.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 17:00	2020284	GMM
Methacrylonitrile	ND	5.0	1.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 17:00	2020284	GMM
Methyl Acrylate	ND	10	0.6	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 17:00	2020284	GMM
Methyl Butyl Ketone (2-Hexanone)	ND	10	1.1	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 17:00	2020284	GMM
Methylene Chloride	1.1	5.0	0.6	ug/L	EPA 8260B	J	1	02/09/12 13:30	02/09/12 17:00	2020284	GMM
Methyl Ethyl Ketone (2-Butanone)	4.8	100	1.8	ug/L	EPA 8260B	J	1	02/09/12 13:30	02/09/12 17:00	2020284	GMM
Methyl Methacrylate	ND	10	0.6	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 17:00	2020284	GMM
4-Methyl-2-pentanone (MIBK)	ND	10	1.1	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 17:00	2020284	GMM
Methyl-tert-Butyl Ether	ND	10	0.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 17:00	2020284	GMM
Naphthalene	ND	10	0.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 17:00	2020284	GMM
2-Nitropropane	ND	10	1.2	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 17:00	2020284	GMM
Propionitrile (Ethyl Cyanide)	ND	20	1.6	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 17:00	2020284	GMM
n-Propylbenzene	ND	10	0.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 17:00	2020284	GMM
Styrene	ND	5.0	0.3	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 17:00	2020284	GMM
1,1,1,2-Tetrachloroethane	ND	1.3	0.3	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 17:00	2020284	GMM
1,1,2,2-Tetrachloroethane	ND	1.0	0.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 17:00	2020284	GMM
Tetrachloroethene	ND	2.0	0.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 17:00	2020284	GMM
Toluene	ND	2.0	0.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 17:00	2020284	GMM
1,2,3-Trichlorobenzene	ND	10	0.7	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 17:00	2020284	GMM
1,2,4-Trichlorobenzene	ND	10	0.5	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 17:00	2020284	GMM
1,1,1-Trichloroethane	ND	2.0	0.3	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 17:00	2020284	GMM
1,1,2-Trichloroethane	ND	2.0	0.7	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 17:00	2020284	GMM
Trichloroethene	ND	2.0	0.3	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 17:00	2020284	GMM
Trichlorofluoromethane	ND	10	0.3	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 17:00	2020284	GMM



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

Attention: Mr. Bob Schoepke

February 28, 2012

Report No.: AVB0298

Project: Tampa, FL

Client ID: MW-2-020812

Lab Number ID: AVB0298-06

Date/Time Sampled: 2/8/2012 10:08:00AM

Date/Time Received: 2/9/2012 10:00:00AM

Matrix: Water

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Volatile Organic Compounds by EPA 8260											
1,2,3-Trichloropropane	ND	1.0	0.7	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 17:00	2020264	GMM
1,2,4-Trimethylbenzene	ND	10	0.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 17:00	2020264	GMM
1,3,5-Trimethylbenzene	ND	10	0.3	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 17:00	2020264	GMM
Vinyl Acetate	ND	10	0.2	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 17:00	2020264	GMM
Vinyl Chloride	ND	1.0	0.2	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 17:00	2020264	GMM
m+p-Xylene	ND	5.0	0.6	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 17:00	2020264	GMM
o-Xylene	ND	5.0	0.3	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 17:00	2020264	GMM
Xylenes, total	ND	5.0	0.6	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 17:00	2020264	GMM
Surrogate: Dibromofluoromethane	86 %	75-123			EPA 8260B			02/09/12 13:30	02/09/12 17:00	2020264	
Surrogate: 1,2-Dichloroethane-d4	90 %	72-120			EPA 8260B			02/09/12 13:30	02/09/12 17:00	2020264	
Surrogate: Toluene-d8	87 %	75-120			EPA 8260B			02/09/12 13:30	02/09/12 17:00	2020264	
Surrogate: 4-Bromofluorobenzene	88 %	80-120			EPA 8260B			02/09/12 13:30	02/09/12 17:00	2020264	
Semivolatile Organic Compounds by EPA 8270											
Acenaphthene	ND	9.4	4.4	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 18:53	2020287	RAC
Acenaphthylene	ND	9.4	4.3	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 18:53	2020287	RAC
Anthracene	ND	9.4	4.1	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 18:53	2020287	RAC
Benzo(a)anthracene	ND	9.4	3.8	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 18:53	2020287	RAC
Benzo(a)pyrene	ND	9.4	4.6	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 18:53	2020287	RAC
Benzo(b)fluoranthene	ND	9.4	4.1	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 18:53	2020287	RAC
Benzo(ghi)perylene	ND	9.4	5.2	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 18:53	2020287	RAC
Benzo(k)fluoranthene	ND	9.4	4.7	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 18:53	2020287	RAC
Benzoic acid	370	240	15	ug/L	EPA 8270D		5	02/10/12 10:50	02/13/12 18:31	2020287	RAC
Benzyl alcohol	ND	19	4.8	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 18:53	2020287	RAC
Benzyl butyl phthalate	ND	9.4	5.9	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 18:53	2020287	RAC
4-Bromophenyl phenyl ether	ND	9.4	4.7	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 18:53	2020287	RAC
Di-n-butyl phthalate	ND	9.4	4.5	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 18:53	2020287	RAC
4-Chloroaniline	ND	19	3.9	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 18:53	2020287	RAC
Bis(2-chloroethoxy)methane	ND	9.4	4.1	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 18:53	2020287	RAC
Bis(2-chloroethyl)ether	ND	9.4	3.1	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 18:53	2020287	RAC
Bis(2-chloroisopropyl)ether	ND	9.4	3.5	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 18:53	2020287	RAC
4-Chloro-3-methylphenol	ND	9.4	5.4	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 18:53	2020287	RAC



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

Attention: Mr. Bob Schoepke

February 28, 2012

Report No.: AVB0288

Project: Tampa, FL

Client ID: MW-2-020812

Lab Number ID: AVB0288-06

Date/Time Sampled: 2/8/2012 10:08:00AM

Date/Time Received: 2/8/2012 10:00:00AM

Matrix: Water

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Semivolatile Organic Compounds by EPA 8270											
2-Chloronaphthalene	ND	9.4	4.0	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 18:53	2020287	RAC
2-Chlorophenol	ND	9.4	3.9	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 18:53	2020287	RAC
4-Chlorophenyl phenyl ether	ND	9.4	3.9	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 18:53	2020287	RAC
Chrysene	ND	9.4	3.7	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 18:53	2020287	RAC
Dibenzo(a,h)anthracene	ND	9.4	4.2	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 18:53	2020287	RAC
Dibenzofuran	ND	9.4	4.3	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 18:53	2020287	RAC
1,2-Dichlorobenzene	ND	9.4	3.1	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 18:53	2020287	RAC
1,3-Dichlorobenzene	ND	9.4	2.7	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 18:53	2020287	RAC
1,4-Dichlorobenzene	14	9.4	2.7	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 18:53	2020287	RAC
3,3'-Dichlorobenzidine	ND	19	4.7	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 18:53	2020287	RAC
2,4-Dichlorophenol	ND	9.4	5.0	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 18:53	2020287	RAC
Diethyl phthalate	14	9.4	3.7	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 18:53	2020287	RAC
2,4-Dimethylphenol	ND	9.4	4.2	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 18:53	2020287	RAC
Dimethyl phthalate	ND	9.4	3.8	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 18:53	2020287	RAC
4,6-Dinitro-2-methylphenol	ND	47	5.4	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 18:53	2020287	RAC
2,4-Dinitrophenol	ND	47	6.8	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 18:53	2020287	RAC
2,4-Dinitrotoluene	ND	19	4.4	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 18:53	2020287	RAC
2,6-Dinitrotoluene	ND	19	4.4	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 18:53	2020287	RAC
Bis(2-ethylhexyl)phthalate	ND	9.4	5.6	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 18:53	2020287	RAC
Fluoranthene	ND	9.4	4.3	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 18:53	2020287	RAC
Fluorene	ND	9.4	4.1	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 18:53	2020287	RAC
Hexachlorobenzene	ND	9.4	3.7	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 18:53	2020287	RAC
Hexachlorobutadiene	ND	9.4	3.9	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 18:53	2020287	RAC
Hexachlorocyclopentadiene	ND	9.4	5.4	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 18:53	2020287	RAC
Hexachloroethane	ND	9.4	3.2	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 18:53	2020287	RAC
Indeno(1,2,3-cd)pyrene	ND	9.4	4.7	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 18:53	2020287	RAC
Isophorone	ND	9.4	4.2	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 18:53	2020287	RAC
2-Methylnaphthalene	ND	9.4	4.8	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 18:53	2020287	RAC
2-Methylphenol (o-cresol)	ND	9.4	4.7	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 18:53	2020287	RAC
3+4-Methylphenol (m+p-cresol)	ND	9.4	5.1	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 18:53	2020287	RAC
Naphthalene	ND	9.4	3.5	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 18:53	2020287	RAC
2-Nitroaniline	ND	47	5.9	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 18:53	2020287	RAC



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Elgin IL, 60120

Attention: Mr. Bob Schoepke

February 28, 2012

Report No.: AVB0298

Project: Tampa, FL

Client ID: MW-2-020812

Lab Number ID: AVB0298-06

Date/Time Sampled: 2/8/2012 10:08:00AM

Date/Time Received: 2/8/2012 10:00:00AM

Matrix: Water

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Semivolatile Organic Compounds by EPA 8270											
3-Nitroaniline	ND	47	5.2	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 18:53	2020287	RAC
4-Nitroaniline	ND	47	5.6	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 18:53	2020287	RAC
Nitrobenzene	ND	9.4	3.8	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 18:53	2020287	RAC
2-Nitrophenol	ND	47	4.6	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 18:53	2020287	RAC
4-Nitrophenol	ND	47	4.0	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 18:53	2020287	RAC
N-Nitrosodimethylamine	ND	9.4	2.4	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 18:53	2020287	RAC
N-Nitrosodiphenylamine/Diphenylamine	ND	9.4	3.6	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 18:53	2020287	RAC
N-Nitrosodi-n-propylamine	ND	9.4	5.7	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 18:53	2020287	RAC
Di-n-octyl phthalate	ND	9.4	5.9	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 18:53	2020287	RAC
Pentachlorophenol	ND	19	5.7	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 18:53	2020287	RAC
Phenanthrene	ND	9.4	3.8	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 18:53	2020287	RAC
Phenol	32	9.4	2.7	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 18:53	2020287	RAC
Pyrene	ND	9.4	4.3	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 18:53	2020287	RAC
1,2,4-Trichlorobenzene	ND	9.4	3.1	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 18:53	2020287	RAC
2,4,5-Trichlorophenol	ND	9.4	5.5	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 18:53	2020287	RAC
2,4,6-Trichlorophenol	ND	9.4	5.2	ug/L	EPA 8270D		1	02/10/12 10:50	02/13/12 18:53	2020287	RAC
Surrogate: 2-Fluorophenol	35 %		10-88		EPA 8270D			02/10/12 10:50	02/13/12 18:53	2020287	
Surrogate: Phenol-d6	25 %		10-61		EPA 8270D			02/10/12 10:50	02/13/12 18:53	2020287	
Surrogate: Nitrobenzene-d5	56 %		28-109		EPA 8270D			02/10/12 10:50	02/13/12 18:53	2020287	
Surrogate: 2-Fluorobiphenyl	70 %		38-112		EPA 8270D			02/10/12 10:50	02/13/12 18:53	2020287	
Surrogate: 2,4,6-Tribromophenol	90 %		10-165		EPA 8270D			02/10/12 10:50	02/13/12 18:53	2020287	
Surrogate: p-Terphenyl-d14	69 %		10-142		EPA 8270D			02/10/12 10:50	02/13/12 18:53	2020287	



ANALYTICAL SERVICES, INC.

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110 Technology Parkway, Norcross, GA 30092
(770) 734-4200 FAX (770) 734-4201

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

Attention: Mr. Bob Schoepke

February 28, 2012

Report No.: AVB0298

Project: Tampa, FL

Client ID: Trip Blank

Lab Number ID: AVB0298-07

Date/Time Sampled: 2/8/2012 12:00:00AM

Date/Time Received: 2/9/2012 10:00:00AM

Matrix: Aqueous

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Volatile Organic Compounds by EPA 8260											
Acetone	ND	100	3.8	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 13:47	2020264	GMM
Acrolein	ND	14	2.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 13:47	2020264	GMM
Acrylonitrile	ND	4.0	1.3	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 13:47	2020264	GMM
Allyl Chloride (3-Chloropropylene)	ND	10	0.6	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 13:47	2020264	GMM
Benzene	ND	1.0	0.3	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 13:47	2020264	GMM
Bromobenzene	ND	10	0.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 13:47	2020264	GMM
Bromochloromethane	ND	10	0.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 13:47	2020264	GMM
Bromodichloromethane	ND	1.0	0.2	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 13:47	2020264	GMM
Bromoform	ND	4.4	0.5	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 13:47	2020264	GMM
Bromomethane	ND	9.8	1.3	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 13:47	2020264	GMM
n-Butylbenzene	ND	10	0.2	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 13:47	2020264	GMM
sec-Butylbenzene	ND	10	0.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 13:47	2020264	GMM
tert-Butylbenzene	ND	10	0.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 13:47	2020264	GMM
Carbon Disulfide	ND	10	0.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 13:47	2020264	GMM
Carbon Tetrachloride	ND	2.0	0.3	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 13:47	2020264	GMM
Chlorobenzene	ND	10	0.5	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 13:47	2020264	GMM
1-Chlorobutane	ND	10	0.5	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 13:47	2020264	GMM
Chloroethane	ND	5.0	0.6	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 13:47	2020264	GMM
2-Chloroethyl Vinyl Ether	ND	10	0.6	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 13:47	2020264	GMM
Chloroform	ND	2.0	0.6	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 13:47	2020264	GMM
Chloromethane	ND	2.7	0.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 13:47	2020264	GMM
2-Chlorotoluene	ND	10	0.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 13:47	2020264	GMM
4-Chlorotoluene	ND	10	0.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 13:47	2020264	GMM
Dibromochloromethane	ND	1.0	0.2	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 13:47	2020264	GMM
1,2-Dibromo-3-chloropropane	ND	5.0	1.3	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 13:47	2020264	GMM
1,2-Dibromoethane	ND	2.0	0.3	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 13:47	2020264	GMM
Dibromomethane	ND	10	0.5	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 13:47	2020264	GMM
1,2-Dichlorobenzene	ND	10	0.6	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 13:47	2020264	GMM
1,3-Dichlorobenzene	ND	10	0.6	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 13:47	2020264	GMM
1,4-Dichlorobenzene	ND	10	0.6	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 13:47	2020264	GMM
trans-1,4-Dichloro-2-butene	ND	5.0	1.2	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 13:47	2020264	GMM
Dichlorodifluoromethane	ND	10	0.5	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 13:47	2020264	GMM



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Safety-Kleen Corporation - Elgin
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Elgin IL, 60120

Attention: Mr. Bob Schoepke

February 28, 2012

Report No.: AVB0298

Project: Tampa, FL

Client ID: Trip Blank

Lab Number ID: AVB0298-07

Date/Time Sampled: 2/8/2012 12:00:00AM

Date/Time Received: 2/9/2012 10:00:00AM

Matrix: Aqueous

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Int.
Volatile Organic Compounds by EPA 8260											
1,1-Dichloroethane	ND	2.0	0.3	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 13:47	2020284 GMM	
1,2-Dichloroethane	ND	2.0	0.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 13:47	2020284 GMM	
1,1-Dichloroethene	ND	2.0	0.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 13:47	2020284 GMM	
cis-1,2-Dichloroethene	ND	2.0	0.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 13:47	2020284 GMM	
trans-1,2-Dichloroethene	ND	2.0	0.3	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 13:47	2020284 GMM	
1,2-Dichloroethene (total)	ND	2.0	0.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 13:47	2020284 GMM	
1,2-Dichloropropane	ND	2.0	0.3	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 13:47	2020284 GMM	
1,3-Dichloropropane	ND	2.0	0.3	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 13:47	2020284 GMM	
2,2-Dichloropropane	ND	10	0.2	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 13:47	2020284 GMM	
1,1-Dichloropropene	ND	10	0.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 13:47	2020284 GMM	
cis-1,3-Dichloropropene	ND	1.0	0.2	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 13:47	2020284 GMM	
trans-1,3-Dichloropropene	ND	2.0	0.2	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 13:47	2020284 GMM	
Ethylbenzene	ND	2.0	0.3	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 13:47	2020284 GMM	
Ethyl Methacrylate	ND	10	0.6	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 13:47	2020284 GMM	
Hexachlorobutadiene	ND	2.0	1.0	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 13:47	2020284 GMM	
p-Isopropyltoluene	ND	10	0.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 13:47	2020284 GMM	
Hexachloroethane	ND	4.0	1.2	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 13:47	2020284 GMM	
Iodomethane	ND	10	0.5	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 13:47	2020284 GMM	
Isopropylbenzene	ND	10	0.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 13:47	2020284 GMM	
Methacrylonitrile	ND	5.0	1.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 13:47	2020284 GMM	
Methyl Acrylate	ND	10	0.6	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 13:47	2020284 GMM	
Methyl Butyl Ketone (2-Hexanone)	ND	10	1.1	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 13:47	2020284 GMM	
Methylene Chloride	ND	5.0	0.6	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 13:47	2020284 GMM	
Methyl Ethyl Ketone (2-Butanone)	ND	100	1.8	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 13:47	2020284 GMM	
Methyl Methacrylate	ND	10	0.6	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 13:47	2020284 GMM	
4-Methyl-2-pentanone (MIBK)	ND	10	1.1	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 13:47	2020284 GMM	
Methyl-tert-Butyl Ether	ND	10	0.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 13:47	2020284 GMM	
Naphthalene	ND	10	0.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 13:47	2020284 GMM	
2-Nitropropane	ND	10	1.2	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 13:47	2020284 GMM	
Propionitrile (Ethyl Cyanide)	ND	20	1.6	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 13:47	2020284 GMM	
n-Propylbenzene	ND	10	0.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 13:47	2020284 GMM	
Styrene	ND	5.0	0.3	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 13:47	2020284 GMM	



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

Attention: Mr. Bob Schoepke

February 28, 2012

Report No.: AVB0298

Project: Tampa, FL

Client ID: Trip Blank

Lab Number ID: AVB0298-07

Date/Time Sampled: 2/8/2012 12:00:00AM

Date/Time Received: 2/9/2012 10:00:00AM

Matrix: Aqueous

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Volatile Organic Compounds by EPA 8260											
1,1,1,2-Tetrachloroethane	ND	1.3	0.3	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 13:47	2020264	GMM
1,1,2,2-Tetrachloroethane	ND	1.0	0.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 13:47	2020264	GMM
Tetrachloroethane	ND	2.0	0.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 13:47	2020264	GMM
Toluene	ND	2.0	0.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 13:47	2020264	GMM
1,2,3-Trichlorobenzene	ND	10	0.7	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 13:47	2020264	GMM
1,2,4-Trichlorobenzene	ND	10	0.5	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 13:47	2020264	GMM
1,1,1-Trichloroethane	ND	2.0	0.3	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 13:47	2020264	GMM
1,1,2-Trichloroethane	ND	2.0	0.7	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 13:47	2020264	GMM
Trichloroethene	ND	2.0	0.3	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 13:47	2020264	GMM
Trichlorofluoromethane	ND	10	0.3	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 13:47	2020264	GMM
1,2,3-Trichloropropane	ND	1.0	0.7	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 13:47	2020264	GMM
1,2,4-Trimethylbenzene	ND	10	0.4	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 13:47	2020264	GMM
1,3,5-Trimethylbenzene	ND	10	0.3	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 13:47	2020264	GMM
Vinyl Acetate	ND	10	0.2	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 13:47	2020264	GMM
Vinyl Chloride	ND	1.0	0.2	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 13:47	2020264	GMM
m+p-Xylene	ND	5.0	0.6	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 13:47	2020264	GMM
o-Xylene	ND	5.0	0.3	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 13:47	2020264	GMM
Xylenes, total	ND	5.0	0.6	ug/L	EPA 8260B		1	02/09/12 13:30	02/09/12 13:47	2020264	GMM
Surrogate: Dibromofluoromethane	78 %	75-123			EPA 8260B			02/09/12 13:30	02/09/12 13:47	2020264	
Surrogate: 1,2-Dichloroethane-d4	90 %	72-120			EPA 8260B			02/09/12 13:30	02/09/12 13:47	2020264	
Surrogate: Toluene-d8	85 %	75-120			EPA 8260B			02/09/12 13:30	02/09/12 13:47	2020264	
Surrogate: 4-Bromofluorobenzene	90 %	80-120			EPA 8260B			02/09/12 13:30	02/09/12 13:47	2020264	



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Attention: Mr. Bob Schoepke

February 28, 2012

Report No.: AVB0298

General Chemistry - Quality Control

Analyte	Result	RL	MDL	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
Batch 2020180 - SM 2540 C										
Blank (2020180-BLK1)						Prepared & Analyzed: 02/09/12				
Total Dissolved Solids	ND	5	5	mg/L						
LCS (2020180-BS1)						Prepared & Analyzed: 02/09/12				
Total Dissolved Solids	382	5	5	mg/L	400.00		90 88-106			
Duplicate (2020180-DUP1)						Source: AVB0226-01 Prepared & Analyzed: 02/09/12				
Total Dissolved Solids	7310	5	5	mg/L		7170		2	30	



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February 28, 2012

Report No.: AVB0298

Inorganic Anions - Quality Control

Analyte	Result	RL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2020406 - EPA 300.0											
Blank (2020406-BLK1)						Prepared & Analyzed: 02/14/12					
Chloride	ND	1.0	0.02	mg/L							
Sulfate	ND	5.0	0.03	mg/L							
LCS (2020406-BB1)						Prepared & Analyzed: 02/14/12					
Chloride	9.56	1.0	0.02	mg/L	10.000		96	90-110			
Sulfate	9.97	5.0	0.03	mg/L	10.000		100	90-110			
Duplicate (2020406-DUP1)						Source: AVB0311-01	Prepared & Analyzed: 02/14/12				
Chloride	75.7	1.0	0.02	mg/L		75.6			0.05	15	
Sulfate	66.3	5.0	0.03	mg/L		66.3			0.02	15	
Duplicate (2020406-DUP2)						Source: AVB0311-01RE1	Prepared & Analyzed: 02/15/12				
Chloride	81.3	5.0	0.08	mg/L		80.4			1	15	
Sulfate	66.1	25	0.16	mg/L		65.9			0.2	15	
Matrix Spike (2020406-MS1)						Source: AVB0399-02	Prepared & Analyzed: 02/14/12				
Chloride	76.3	1.0	0.02	mg/L	10.000	74.0	24	90-110			QM-02
Sulfate	22.6	5.0	0.03	mg/L	10.000	13.9	87	90-110			QM-02
Matrix Spike Dup (2020406-MSD1)						Source: AVB0399-02	Prepared & Analyzed: 02/14/12				
Chloride	75.7	1.0	0.02	mg/L	10.000	74.0	17	90-110	0.9	15	QM-02
Sulfate	22.5	5.0	0.03	mg/L	10.000	13.9	87	90-110	0.1	15	QM-02



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February 28, 2012

Report No.: AVB0298

Metals, Total - Quality Control

Analyte	Result	RL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2020275 - EPA 3005A											
Blank (2020275-BLK1)						Prepared & Analyzed: 02/10/12					
Arsenic	ND	0.0050	0.0015	mg/L							
Barium	ND	0.0050	0.00008	mg/L							
Cadmium	ND	0.0005	0.00007	mg/L							
Chromium	0.0022	0.0050	0.0005	mg/L							J
Lead	ND	0.0010	0.0002	mg/L							
Selenium	ND	0.0050	0.0008	mg/L							
Silver	ND	0.0050	0.0001	mg/L							
LCS (2020275-BS1)						Prepared & Analyzed: 02/10/12					
Arsenic	0.0984	0.0050	0.0015	mg/L	0.10000		98	80-120			
Barium	0.102	0.0050	0.00008	mg/L	0.10000		102	80-120			
Cadmium	0.100	0.0005	0.00007	mg/L	0.10000		100	80-120			
Chromium	0.103	0.0050	0.0005	mg/L	0.10000		103	80-120			
Lead	0.0975	0.0010	0.0002	mg/L	0.10000		98	80-120			
Selenium	0.0987	0.0050	0.0008	mg/L	0.10000		99	80-120			
Silver	0.0998	0.0050	0.0001	mg/L	0.10000		100	80-120			
Duplicate (2020275-DUP1)						Source: AVB0173-02	Prepared & Analyzed: 02/10/12				
Arsenic	0.132	0.0050	0.0015	mg/L		0.133			0.06	20	
Barium	0.127	0.0050	0.00008	mg/L		0.129			2	20	
Cadmium	ND	0.0005	0.00007	mg/L		0.000090				20	
Chromium	0.0807	0.0250	0.0024	mg/L		0.0778			4	20	
Lead	0.0128	0.0010	0.0002	mg/L		0.0127			0.3	20	
Selenium	0.0689	0.0050	0.0008	mg/L		0.0726			5	20	
Silver	0.0018	0.0050	0.0001	mg/L		0.0018			3	20	J
Duplicate (2020275-DUP2)						Source: AVB0275-01	Prepared & Analyzed: 02/10/12				
Arsenic	0.0129	0.0250	0.0075	mg/L		0.0104			22	20	QR-01, J
Barium	0.695	0.0050	0.00008	mg/L		0.525			28	20	QR-03
Cadmium	0.0004	0.0005	0.00007	mg/L		0.0004			0	20	J
Chromium	0.230	0.0250	0.0024	mg/L		0.209			9	20	
Lead	0.0510	0.0010	0.0002	mg/L		0.0489			4	20	
Selenium	ND	0.0250	0.0039	mg/L		ND				20	
Silver	0.0005	0.0050	0.0001	mg/L		0.0005			0	20	J



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

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

Attention: Mr. Bob Schoepke

February 28, 2012

Report No.: AVB0298

Metals, Total - Quality Control

Analyte	Result	RL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2020275 - EPA 3005A											
Matrix Spike (2020275-MS1)			Source: AVB0197-01			Prepared & Analyzed: 02/10/12					
Arsenic	0.0941	0.0050	0.0015	mg/L	0.10000	ND	94	75-125			
Barium	0.150	0.0050	0.00008	mg/L	0.10000	0.0457	105	75-125			
Cadmium	0.0990	0.0005	0.00007	mg/L	0.10000	ND	99	75-125			
Chromium	0.105	0.0050	0.0005	mg/L	0.10000	0.0024	102	75-125			
Lead	0.0975	0.0010	0.0002	mg/L	0.10000	ND	98	75-125			
Selenium	0.0941	0.0050	0.0008	mg/L	0.10000	ND	94	75-125			
Silver	0.0974	0.0050	0.0001	mg/L	0.10000	ND	97	75-125			
Matrix Spike Dup (2020275-MSD1)			Source: AVB0197-01			Prepared & Analyzed: 02/10/12					
Arsenic	0.0931	0.0050	0.0015	mg/L	0.10000	ND	93	75-125	1	20	
Barium	0.149	0.0050	0.00008	mg/L	0.10000	0.0457	104	75-125	0.8	20	
Cadmium	0.0983	0.0005	0.00007	mg/L	0.10000	ND	98	75-125	0.7	20	
Chromium	0.103	0.0050	0.0005	mg/L	0.10000	0.0024	101	75-125	1	20	
Lead	0.0971	0.0010	0.0002	mg/L	0.10000	ND	97	75-125	0.4	20	
Selenium	0.0936	0.0050	0.0008	mg/L	0.10000	ND	94	75-125	0.5	20	
Silver	0.0980	0.0050	0.0001	mg/L	0.10000	ND	96	75-125	1	20	
Post Spike (2020275-PS1)			Source: AVB0197-01			Prepared & Analyzed: 02/10/12					
Arsenic	93.5			ug/L	100.00	-0.620	94	80-120			
Barium	150			ug/L	100.00	45.7	104	80-120			
Cadmium	98.0			ug/L	100.00	ND	98	80-120			
Chromium	103			ug/L	100.00	2.45	101	80-120			
Lead	96.2			ug/L	100.00	0.0400	96	80-120			
Selenium	92.8			ug/L	100.00	-0.100	93	80-120			
Silver	96.9			ug/L	100.00	ND	97	80-120			
Batch 2020322 - EPA 7470A											
Blank (2020322-BLK1)			Prepared: 02/13/12 Analyzed: 02/14/12								
Mercury	ND	0.0005	0.00009	mg/L							



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Metals, Total - Quality Control

Analyte	Result	RL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2020322 - EPA 7470A											
LCS (2020322-BS1)						Prepared: 02/13/12 Analyzed: 02/14/12					
Mercury	0.0024	0.0005	0.00009	mg/L	2.5000E-3		94	80-120			
Duplicate (2020322-DUP1)						Source: AVB0173-01 Prepared: 02/13/12 Analyzed: 02/14/12					
Mercury	ND	0.0005	0.00009	mg/L		ND				20	
Matrix Spike (2020322-MS1)						Source: AVB0201-14 Prepared: 02/13/12 Analyzed: 02/14/12					
Mercury	0.0023	0.0005	0.00009	mg/L	2.5000E-3	ND	93	75-125			
Matrix Spike Dup (2020322-MSD1)						Source: AVB0201-14 Prepared: 02/13/12 Analyzed: 02/14/12					
Mercury	0.0023	0.0005	0.00009	mg/L	2.5000E-3	ND	91	75-125	2	20	
Post Spike (2020322-PS1)						Source: AVB0201-14 Prepared: 02/13/12 Analyzed: 02/14/12					
Mercury	1.48			ug/L	1.6667	-0.0352	91	80-120			
Batch 2020408 - EPA 200.7											
Blank (2020408-BLK1)						Prepared & Analyzed: 02/15/12					
Iron	ND	0.040	0.005	mg/L							
Manganese	ND	0.040	0.001	mg/L							
LCS (2020408-BS1)						Prepared & Analyzed: 02/15/12					
Iron	1.0	0.040	0.005	mg/L	1.0000		101	85-115			
Manganese	1.0	0.040	0.001	mg/L	1.0000		101	85-115			
Matrix Spike (2020408-MS1)						Source: AVB0375-01 Prepared & Analyzed: 02/15/12					
Iron	1.1	0.040	0.005	mg/L	1.0000	0.061	101	70-130			
Manganese	1.0	0.040	0.001	mg/L	1.0000	0.020	100	70-130			



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Metals, Total - Quality Control

Analyte	Result	RL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2020408 - EPA 200.7											
Matrix Spike (2020408-MS2)			Source: AVB0285-04			Prepared & Analyzed: 02/15/12					
Iron	1.1	0.040	0.005	mg/L	1.0000	0.11	102	70-130			
Manganese	1.1	0.040	0.001	mg/L	1.0000	0.040	101	70-130			
Post Spike (2020408-PS1)			Source: AVB0375-01			Prepared & Analyzed: 02/15/12					
Iron	1.0			mg/L	1.0000	0.061	97	85-115			
Manganese	0.98			mg/L	1.0000	0.020	98	85-115			



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Report No.: AVB0298

Metals, Dissolved - Quality Control

Analyte	Result	RL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2020639 - EPA 200.7 Dissolved											
Blank (2020639-BLK1)						Prepared & Analyzed: 02/23/12					
Iron	ND	0.040	0.001	mg/L							
Manganese	ND	0.040	0.001	mg/L							
LCS (2020639-BS1)						Prepared & Analyzed: 02/23/12					
Iron	1.08	0.040	0.001	mg/L	1.0000		108	85-115			
Manganese	1.07	0.040	0.001	mg/L	1.0000		107	85-115			
Matrix Spike (2020639-MS1)						Source: AVB0298-02		Prepared & Analyzed: 02/23/12			
Iron	1.49	0.040	0.001	mg/L	1.0000	0.423	108	70-130			
Manganese	1.09	0.040	0.001	mg/L	1.0000	0.019	107	70-130			
Post Spike (2020639-PS1)						Source: AVB0298-02		Prepared & Analyzed: 02/23/12			
Iron	1.49			mg/L	1.0000	0.423	107	85-115			
Manganese	1.08			mg/L	1.0000	0.019	108	85-115			



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Report No.: AVB0298

Volatile Organic Compounds by EPA 8260 - Quality Control

Analyte	Result	RL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2020264 - EPA 5030B											
Blank (2020264-BLK1)						Prepared & Analyzed: 02/09/12					
Acetone	ND	100	3.8	ug/L							
Acrolein	ND	14	2.4	ug/L							
Acrylonitrile	ND	4.0	1.3	ug/L							
Allyl Chloride (3-Chloropropylene)	6.0	10	0.6	ug/L							J
Benzene	ND	1.0	0.3	ug/L							
Bromobenzene	ND	10	0.4	ug/L							
Bromochloromethane	ND	10	0.4	ug/L							
Bromodichloromethane	ND	1.0	0.2	ug/L							
Bromoform	ND	4.4	0.5	ug/L							
Bromomethane	ND	9.8	1.3	ug/L							
n-Butylbenzene	1.5	10	0.2	ug/L							J
sec-Butylbenzene	ND	10	0.4	ug/L							
tert-Butylbenzene	ND	10	0.4	ug/L							
Carbon Disulfide	ND	10	0.4	ug/L							
Carbon Tetrachloride	ND	2.0	0.3	ug/L							
Chlorobenzene	ND	10	0.5	ug/L							
1-Chlorobutane	0.7	10	0.5	ug/L							J
Chloroethane	ND	5.0	0.6	ug/L							
2-Chloroethyl Vinyl Ether	ND	10	0.6	ug/L							
Chloroform	ND	2.0	0.6	ug/L							
Chloromethane	ND	2.7	0.4	ug/L							
2-Chlorotoluene	ND	10	0.4	ug/L							
4-Chlorotoluene	ND	10	0.4	ug/L							
Dibromochloromethane	ND	1.0	0.2	ug/L							
1,2-Dibromo-3-chloropropane	ND	5.0	1.3	ug/L							
1,2-Dibromoethane	ND	2.0	0.3	ug/L							
Dibromomethane	ND	10	0.5	ug/L							
1,2-Dichlorobenzene	ND	10	0.6	ug/L							
1,3-Dichlorobenzene	ND	10	0.6	ug/L							
1,4-Dichlorobenzene	ND	10	0.6	ug/L							
trans-1,4-Dichloro-2-butene	ND	5.0	1.2	ug/L							
Dichlorodifluoromethane	ND	10	0.5	ug/L							
1,1-Dichloroethane	ND	2.0	0.3	ug/L							
1,2-Dichloroethane	ND	2.0	0.4	ug/L							
1,1-Dichloroethene	ND	2.0	0.4	ug/L							
cis-1,2-Dichloroethene	ND	2.0	0.4	ug/L							
trans-1,2-Dichloroethene	ND	2.0	0.3	ug/L							
1,2-Dichloroethene (total)	ND	2.0	0.4	ug/L							
1,2-Dichloropropane	ND	2.0	0.3	ug/L							



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Analyte	Result	RL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2020264 - EPA 5030B											
Blank (2020264-BLK1)						Prepared & Analyzed: 02/09/12					
1,3-Dichloropropane	ND	2.0	0.3	ug/L							
2,2-Dichloropropane	ND	10	0.2	ug/L							
1,1-Dichloropropene	3.6	10	0.4	ug/L							J
cis-1,3-Dichloropropene	ND	1.0	0.2	ug/L							
trans-1,3-Dichloropropene	ND	2.0	0.2	ug/L							
Ethylbenzene	ND	2.0	0.3	ug/L							
Ethyl Methacrylate	ND	10	0.6	ug/L							
Hexachlorobutadiene	ND	2.0	1.0	ug/L							
p-Isopropyltoluene	ND	10	0.4	ug/L							
Hexachloroethane	ND	4.0	1.2	ug/L							
Iodomethane	4.8	10	0.5	ug/L							J
Isopropylbenzene	1.5	10	0.4	ug/L							J
Methacrylonitrile	ND	5.0	1.4	ug/L							
Methyl Acrylate	ND	10	0.6	ug/L							
Methyl Butyl Ketone (2-Hexanone)	ND	10	1.1	ug/L							
Methylene Chloride	ND	5.0	0.6	ug/L							
Methyl Ethyl Ketone (2-Butanone)	ND	100	1.8	ug/L							
Methyl Methacrylate	ND	10	0.6	ug/L							
4-Methyl-2-pentanone (MIBK)	ND	10	1.1	ug/L							
Methyl-tert-Butyl Ether	ND	10	0.4	ug/L							
Naphthalene	4.0	10	0.4	ug/L							J
2-Nitropropane	ND	10	1.2	ug/L							
Propionitrile (Ethyl Cyanide)	ND	20	1.6	ug/L							
n-Propylbenzene	ND	10	0.4	ug/L							
Styrene	ND	5.0	0.3	ug/L							
1,1,1,2-Tetrachloroethane	ND	1.3	0.3	ug/L							
1,1,2,2-Tetrachloroethane	ND	1.0	0.4	ug/L							
Tetrachloroethene	ND	2.0	0.4	ug/L							
Toluene	ND	2.0	0.4	ug/L							
1,2,3-Trichlorobenzene	2.7	10	0.7	ug/L							J
1,2,4-Trichlorobenzene	3.6	10	0.5	ug/L							J
1,1,1-Trichloroethane	ND	2.0	0.3	ug/L							
1,1,2-Trichloroethane	ND	2.0	0.7	ug/L							
Trichloroethene	ND	2.0	0.3	ug/L							
Trichlorofluoromethane	ND	10	0.3	ug/L							
1,2,3-Trichloropropane	ND	1.0	0.7	ug/L							
1,2,4-Trimethylbenzene	ND	10	0.4	ug/L							
1,3,5-Trimethylbenzene	ND	10	0.3	ug/L							
Vinyl Acetate	ND	10	0.2	ug/L							



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Volatile Organic Compounds by EPA 8260 - Quality Control

Analyte	Result	RL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2020264 - EPA 5030B											
Blank (2020264-BLK1)						Prepared & Analyzed: 02/09/12					
Vinyl Chloride	ND	1.0	0.2	ug/L							
m+p-Xylene	ND	5.0	0.6	ug/L							
o-Xylene	2.4	5.0	0.3	ug/L							J
Xylenes, total	ND	5.0	0.6	ug/L							
Surrogate: Dibromofluoromethane	39			ug/L	50.000		79	75-123			
Surrogate: 1,2-Dichloroethane-d4	44			ug/L	50.000		87	72-120			
Surrogate: Toluene-d8	42			ug/L	50.000		84	75-120			
Surrogate: 4-Bromofluorobenzene	45			ug/L	50.000		91	80-120			
LCS (2020264-BS1)						Prepared & Analyzed: 02/09/12					
Benzene	54			ug/L	50.000		107	80-120			
Chlorobenzene	49			ug/L	50.000		99	80-120			
1,1-Dichloroethene	58			ug/L	50.000		115	77-121			
Toluene	51			ug/L	50.000		101	78-120			
Trichloroethene	54			ug/L	50.000		108	80-122			
Surrogate: Dibromofluoromethane	40			ug/L	50.000		79	75-123			
Surrogate: 1,2-Dichloroethane-d4	43			ug/L	50.000		86	72-120			
Surrogate: Toluene-d8	43			ug/L	50.000		87	75-120			
Surrogate: 4-Bromofluorobenzene	44			ug/L	50.000		88	80-120			
Matrix Spike (2020264-MS1)						Source: AVB0298-03	Prepared & Analyzed: 02/09/12				
Benzene	54			ug/L	50.000	ND	109	80-123			
Chlorobenzene	50			ug/L	50.000	ND	99	75-120			
1,1-Dichloroethene	59			ug/L	50.000	ND	118	80-120			
Toluene	51			ug/L	50.000	ND	103	80-120			
Trichloroethene	56			ug/L	50.000	ND	112	80-125			
Surrogate: Dibromofluoromethane	41			ug/L	50.000		81	75-123			
Surrogate: 1,2-Dichloroethane-d4	47			ug/L	50.000		94	72-120			
Surrogate: Toluene-d8	42			ug/L	50.000		84	75-120			
Surrogate: 4-Bromofluorobenzene	46			ug/L	50.000		92	80-120			



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Report No.: AVB0298

Volatile Organic Compounds by EPA 8260 - Quality Control

Analyte	Result	RL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2020264 - EPA 5030B											
Matrix Spike Dup (2020264-MSD1)				Source: AVB0298-03			Prepared & Analyzed: 02/09/12				
Benzene	51			ug/L	50.000	ND	101	80-123	7	9	
Chlorobenzene	46			ug/L	50.000	ND	92	75-120	8	13	
1,1-Dichloroethene	55			ug/L	50.000	ND	110	80-120	7	9	
Toluene	48			ug/L	50.000	ND	98	80-120	6	9	
Trichloroethene	52			ug/L	50.000	ND	105	80-125	7	11	
Surrogate: Dibromofluoromethane	40			ug/L	50.000		81	75-123			
Surrogate: 1,2-Dichloroethane-d4	46			ug/L	50.000		91	72-120			
Surrogate: Toluene-d8	43			ug/L	50.000		85	75-120			
Surrogate: 4-Bromofluorobenzene	46			ug/L	50.000		91	80-120			



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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 2020287 - EPA 3510C											
Blank (2020287-BLK1)						Prepared: 02/10/12 Analyzed: 02/17/12					
Acenaphthene	ND	10	4.7	ug/L							
Acenaphthylene	ND	10	4.6	ug/L							
Anthracene	ND	10	4.3	ug/L							
Benzo(a)anthracene	ND	10	4.1	ug/L							
Benzo(a)pyrene	ND	10	4.8	ug/L							
Benzo(b)fluoranthene	ND	10	4.4	ug/L							
Benzo(ghi)perylene	ND	10	5.5	ug/L							
Benzo(k)fluoranthene	ND	10	5.0	ug/L							
Benzoic acid	ND	50	3.1	ug/L							
Benzyl alcohol	ND	20	5.1	ug/L							
Benzyl butyl phthalate	ND	10	6.3	ug/L							
4-Bromophenyl phenyl ether	ND	10	5.0	ug/L							
Di-n-butyl phthalate	ND	10	4.8	ug/L							
4-Chloroaniline	ND	20	4.1	ug/L							
Bis(2-chloroethoxy)methane	ND	10	4.4	ug/L							
Bis(2-chloroethyl)ether	ND	10	3.3	ug/L							
Bis(2-chloroisopropyl)ether	ND	10	3.7	ug/L							
4-Chloro-3-methylphenol	ND	10	5.7	ug/L							
2-Chloronaphthalene	ND	10	4.2	ug/L							
2-Chlorophenol	ND	10	4.1	ug/L							
4-Chlorophenyl phenyl ether	ND	10	4.2	ug/L							
Chrysene	ND	10	4.0	ug/L							
Dibenzo(a,h)anthracene	ND	10	4.5	ug/L							
Dibenzofuran	ND	10	4.5	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	2.8	ug/L							
3,3'-Dichlorobenzidine	ND	20	5.0	ug/L							
2,4-Dichlorophenol	ND	10	5.3	ug/L							
Diethyl phthalate	ND	10	3.9	ug/L							
2,4-Dimethylphenol	ND	10	4.4	ug/L							
Dimethyl phthalate	ND	10	4.0	ug/L							
4,6-Dinitro-2-methylphenol	ND	50	5.8	ug/L							
2,4-Dinitrophenol	ND	50	7.2	ug/L							
2,4-Dinitrotoluene	ND	20	4.7	ug/L							
2,6-Dinitrotoluene	ND	20	4.6	ug/L							
Bis(2-ethylhexyl)phthalate	ND	10	5.9	ug/L							
Fluoranthene	ND	10	4.5	ug/L							
Fluorene	ND	10	4.4	ug/L							



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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 2020287 - EPA 3510C											
Blank (2020287-BLK1)						Prepared: 02/10/12 Analyzed: 02/17/12					
Hexachlorobenzene	ND	10	3.9	ug/L							
Hexachlorobutadiene	ND	10	4.2	ug/L							
Hexachlorocyclopentadiene	ND	10	5.8	ug/L							
Hexachloroethane	ND	10	3.4	ug/L							
Indeno(1,2,3-cd)pyrene	ND	10	5.0	ug/L							
Isophorone	ND	10	4.4	ug/L							
2-Methylnaphthalene	ND	10	5.1	ug/L							
2-Methylphenol (o-cresol)	ND	10	5.0	ug/L							
3+4-Methylphenol (m+p-cresol)	ND	10	5.4	ug/L							
Naphthalene	ND	10	3.7	ug/L							
2-Nitroaniline	ND	50	6.3	ug/L							
3-Nitroaniline	ND	50	5.5	ug/L							
4-Nitroaniline	ND	50	5.9	ug/L							
Nitrobenzene	ND	10	4.1	ug/L							
2-Nitrophenol	ND	50	4.9	ug/L							
4-Nitrophenol	ND	50	4.2	ug/L							
N-Nitrosodimethylamine	ND	10	2.5	ug/L							
N-Nitrosodiphenylamine/Diphenylamine	ND	10	3.8	ug/L							
N-Nitrosodi-n-propylamine	ND	10	6.1	ug/L							
Di-n-octyl phthalate	ND	10	6.3	ug/L							
Pentachlorophenol	ND	20	6.0	ug/L							
Phenanthrene	ND	10	4.0	ug/L							
Phenol	ND	10	2.9	ug/L							
Pyrene	ND	10	4.5	ug/L							
1,2,4-Trichlorobenzene	ND	10	3.3	ug/L							
2,4,5-Trichlorophenol	ND	10	5.9	ug/L							
2,4,6-Trichlorophenol	ND	10	5.5	ug/L							
Surrogate: 2-Fluorophenol	40.04			ug/L	100.00		40	10-88			
Surrogate: Phenol-d6	24.66			ug/L	100.00		25	10-61			
Surrogate: Nitrobenzene-d5	29.96			ug/L	50.000		60	28-109			
Surrogate: 2-Fluorobiphenyl	32.61			ug/L	50.000		65	38-112			
Surrogate: 2,4,6-Tribromophenol	72.36			ug/L	100.00		72	10-165			
Surrogate: p-Terphenyl-d14	42.21			ug/L	50.000		84	10-142			



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

Attention: Mr. Bob Schoepke

February 28, 2012

Report No.: AVB0298

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 2020287 - EPA 3510C											
LCS (2020287-BB1)						Prepared: 02/10/12 Analyzed: 02/13/12					
Acenaphthene	37	10	4.7	ug/L	50.000		74	44-115			
4-Chloro-3-methylphenol	84	10	5.7	ug/L	100.00		84	38-123			
2-Chlorophenol	65	10	4.1	ug/L	100.00		65	35-111			
1,4-Dichlorobenzene	28	10	2.8	ug/L	50.000		57	37-94			
2,4-Dinitrotoluene	41	20	4.7	ug/L	50.000		83	28-118			
4-Nitrophenol	39	50	4.2	ug/L	100.00		39	10-52			J
N-Nitrosodi-n-propylamine	34	10	6.1	ug/L	50.000		68	40-110			
Pentachlorophenol	130	20	6.0	ug/L	100.00		126	31-134			
Phenol	26	10	2.9	ug/L	100.00		26	13-47			
Pyrene	41	10	4.5	ug/L	50.000		83	48-136			
1,2,4-Trichlorobenzene	29	10	3.3	ug/L	50.000		57	37-103			
Surrogate: 2-Fluorophenol	38.83			ug/L	100.00		39	10-88			
Surrogate: Phenol-d6	25.62			ug/L	100.00		26	10-61			
Surrogate: Nitrobenzene-d5	31.96			ug/L	50.000		64	28-109			
Surrogate: 2-Fluorobiphenyl	35.69			ug/L	50.000		71	38-112			
Surrogate: 2,4,6-Tribromophenol	97.05			ug/L	100.00		97	10-165			
Surrogate: p-Terphenyl-d14	43.35			ug/L	50.000		87	10-142			
Matrix Spike (2020287-MS1)						Source: AVB0326-04	Prepared: 02/10/12 Analyzed: 02/20/12				
Acenaphthene	33	10	4.7	ug/L	50.000	ND	67	48-108			
4-Chloro-3-methylphenol	80	10	5.7	ug/L	100.00	ND	80	38-124			
2-Chlorophenol	59	10	4.1	ug/L	100.00	ND	59	42-105			
1,4-Dichlorobenzene	24	10	2.8	ug/L	50.000	ND	48	39-90			
2,4-Dinitrotoluene	37	20	4.7	ug/L	50.000	ND	73	29-119			
4-Nitrophenol	47	50	4.2	ug/L	100.00	ND	47	10-53			J
N-Nitrosodi-n-propylamine	27	10	6.1	ug/L	50.000	ND	53	41-106			
Pentachlorophenol	85	20	6.0	ug/L	100.00	ND	85	42-137			
Phenol	34	10	2.9	ug/L	100.00	ND	34	14-43			
Pyrene	41	10	4.5	ug/L	50.000	ND	82	51-131			
1,2,4-Trichlorobenzene	26	10	3.3	ug/L	50.000	ND	51	40-99			
Surrogate: 2-Fluorophenol	46.04			ug/L	100.00		46	10-88			
Surrogate: Phenol-d6	32.77			ug/L	100.00		33	10-61			
Surrogate: Nitrobenzene-d5	25.18			ug/L	50.000		50	28-109			
Surrogate: 2-Fluorobiphenyl	31.01			ug/L	50.000		62	38-112			
Surrogate: 2,4,6-Tribromophenol	83.57			ug/L	100.00		84	10-165			
Surrogate: p-Terphenyl-d14	40.76			ug/L	50.000		82	10-142			



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

Attention: Mr. Bob Schoepke

February 28, 2012

Report No.: AVB0298

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 2020287 - EPA 3510C											
Matrix Spike Dup (2020287-MSD1)				Source: AVB0328-04			Prepared: 02/10/12 Analyzed: 02/20/12				
Acenaphthene	34	10	4.7	ug/L	50.000	ND	67	48-108	0.5	35	
4-Chloro-3-methylphenol	89	10	5.7	ug/L	100.00	ND	89	36-124	10	31	
2-Chlorophenol	56	10	4.1	ug/L	100.00	ND	56	42-105	5	36	
1,4-Dichlorobenzene	23	10	2.8	ug/L	50.000	ND	45	39-90	6	35	
2,4-Dinitrotoluene	40	20	4.7	ug/L	50.000	ND	79	29-119	8	39	
4-Nitrophenol	64	50	4.2	ug/L	100.00	ND	64	10-53	31	34	QM-05
N-Nitrosodi-n-propylamine	27	10	6.1	ug/L	50.000	ND	54	41-106	2	36	
Pentachlorophenol	110	20	6.0	ug/L	100.00	ND	106	42-137	22	38	
Phenol	34	10	2.9	ug/L	100.00	ND	34	14-43	0.09	38	
Pyrene	42	10	4.5	ug/L	50.000	ND	84	51-131	3	27	
1,2,4-Trichlorobenzene	23	10	3.3	ug/L	50.000	ND	46	40-99	11	35	
Surrogate: 2-Fluorophenol	44.61			ug/L	100.00		45	10-88			
Surrogate: Phenol-d8	35.33			ug/L	100.00		35	10-61			
Surrogate: Nitrobenzene-d5	23.16			ug/L	50.000		46	28-109			
Surrogate: 2-Fluorobiphenyl	30.20			ug/L	50.000		60	38-112			
Surrogate: 2,4,6-Tribromophenol	96.35			ug/L	100.00		96	10-165			
Surrogate: p-Terphenyl-d14	43.48			ug/L	50.000		87	10-142			



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February 28, 2012

Laboratory Certifications

Code	Description	Number	Expires
GA	Georgia	812	10/31/2011
LA	Louisiana	02069	06/30/2012
NC	North Carolina	381	12/31/2012
NELAC	NELAC (Non-Potable Water, Solids)	E87315	06/30/2012
NELDW	NELAC (Drinking Water)	E87315	06/30/2012
SC	South Carolina	98011001	06/30/2012
TX	Texas	T104704397-08-TX	03/31/2012



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February 28, 2012

Legend

Definition of Laboratory Terms

- ND** - Not Detected at levels equal to or greater than the MDL
- BRL** - Not Detected at levels equal to or greater than the RL
- RL** - Reporting Limit **MDL** - Method Detection Limit
- SOP** - Method run per ASI Standard Operating Procedure
- CFU** - Colony Forming Units
- DF** - Dilution Factor **TIC** - Tentatively Identified Compound
- *** - Analyte not included in the NELAC list of certified analytes.

Sample Information

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

Phthalic acid and phthalic anhydride are reported as dimethyl phthalate

Maleic acid and maleic anhydride are reported as dimethyl malate

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

Definition of Qualifiers

- QR-03** The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to suspected matrix interference and/or non-homogeneous sample matrix.
- QR-01** RPD was outside acceptance limits due to sample concentrations near or below the reporting limit.
- 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.
- QM-02** The spike recovery is outside acceptance limits due to insignificant spike amount as compared to sample concentration.
- 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
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Laboratory Report

Prepared For:

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

Attention: Mr. Bob Schoepke

Report Number: AVD0263

April 19, 2012

Project: Tampa, FL

Project #:120043-0100

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:

A handwritten signature in cursive script that reads "Elizabeth Bryant". The signature is written in dark ink and is positioned above a horizontal line.

Project Manager

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



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Elgin IL, 60120

Attention: Mr. Bob Schoepke

April 19, 2012

ANALYTICAL REPORT FOR SAMPLES

<u>Sample ID</u>	<u>Laboratory ID</u>	<u>Matrix</u>	<u>Date Sampled</u>	<u>Date Received</u>
MW-6-040912	AVD0263-01	Ground Water	04/09/12 10:35	04/10/12 10:10
MW-5-040912	AVD0263-02	Ground Water	04/09/12 10:49	04/10/12 10:10
MW-4-040912	AVD0263-03	Ground Water	04/09/12 14:05	04/10/12 10:10
MW-3-040912	AVD0263-04	Ground Water	04/09/12 13:31	04/10/12 10:10
MW-2-040912	AVD0263-05	Ground Water	04/09/12 12:53	04/10/12 10:10
MW-1-040912	AVD0263-06	Ground Water	04/09/12 11:31	04/10/12 10:10
Trip Blank	AVD0263-07	Water	04/09/12 00:00	04/10/12 10:10



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Elgin IL, 60120

Attention: Mr. Bob Schoepke

April 19, 2012

Report No.: AVD0263

Project: Tampa, FL

Client ID: MW-6-040912

Lab Number ID: AVD0263-01

Date/Time Sampled: 4/9/2012 10:35:00AM

Date/Time Received: 4/10/2012 10:10:00AM

Matrix: Ground Water

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Metals, Total											
Iron	0.002	0.040	0.001	mg/L	EPA 8010C	J	1	04/11/12 11:30	04/11/12 15:32	2040273	FBS
Manganese	ND	0.040	0.001	mg/L	EPA 8010C		1	04/11/12 11:30	04/11/12 15:32	2040273	FBS
Volatile Organic Compounds by EPA 8260											
Acetone	ND	100	3.8	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:01	2040402	CJH
Acrolein	ND	14	2.4	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:01	2040402	CJH
Acrylonitrile	ND	4.0	1.3	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:01	2040402	CJH
Allyl Chloride (3-Chloropropylene)	ND	10	0.6	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:01	2040402	CJH
Benzene	ND	1.0	0.3	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:01	2040402	CJH
Bromobenzene	ND	10	0.4	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:01	2040402	CJH
Bromochloromethane	ND	10	0.4	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:01	2040402	CJH
Bromodichloromethane	ND	1.0	0.2	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:01	2040402	CJH
Bromoform	ND	4.4	0.5	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:01	2040402	CJH
Bromomethane	ND	9.8	1.3	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:01	2040402	CJH
n-Butylbenzene	ND	10	0.2	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:01	2040402	CJH
sec-Butylbenzene	ND	10	0.4	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:01	2040402	CJH
tert-Butylbenzene	ND	10	0.4	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:01	2040402	CJH
Carbon Disulfide	ND	10	0.4	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:01	2040402	CJH
Carbon Tetrachloride	ND	2.0	0.3	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:01	2040402	CJH
Chlorobenzene	ND	10	0.5	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:01	2040402	CJH
1-Chlorobutane	ND	10	0.5	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:01	2040402	CJH
Chloroethane	ND	5.0	0.6	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:01	2040402	CJH
2-Chloroethyl Vinyl Ether	ND	10	0.6	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:01	2040402	CJH
Chloroform	ND	2.0	0.6	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:01	2040402	CJH
Chloromethane	ND	2.7	0.4	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:01	2040402	CJH
2-Chlorotoluene	ND	10	0.4	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:01	2040402	CJH
4-Chlorotoluene	ND	10	0.4	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:01	2040402	CJH
Dibromochloromethane	ND	1.0	0.2	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:01	2040402	CJH
1,2-Dibromo-3-chloropropane	ND	5.0	1.3	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:01	2040402	CJH
1,2-Dibromoethane	ND	2.0	0.3	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:01	2040402	CJH
Dibromomethane	ND	10	0.5	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:01	2040402	CJH
1,2-Dichlorobenzene	ND	10	0.6	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:01	2040402	CJH



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Attention: Mr. Bob Schoepke

April 19, 2012

Report No.: AVD0263

Project: Tampa, FL

Client ID: MW-6-040912

Lab Number ID: AVD0263-01

Date/Time Sampled: 4/9/2012 10:35:00AM

Date/Time Received: 4/10/2012 10:10:00AM

Matrix: Ground Water

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Volatile Organic Compounds by EPA 8260											
1,3-Dichlorobenzene	ND	10	0.6	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:01	2040402	CJH
1,4-Dichlorobenzene	ND	10	0.6	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:01	2040402	CJH
trans-1,4-Dichloro-2-butene	ND	5.0	1.2	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:01	2040402	CJH
Dichlorodifluoromethane	ND	10	0.5	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:01	2040402	CJH
1,1-Dichloroethane	ND	2.0	0.3	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:01	2040402	CJH
1,2-Dichloroethane	ND	2.0	0.4	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:01	2040402	CJH
1,1-Dichloroethene	ND	2.0	0.4	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:01	2040402	CJH
cis-1,2-Dichloroethene	ND	2.0	0.4	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:01	2040402	CJH
trans-1,2-Dichloroethene	ND	2.0	0.3	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:01	2040402	CJH
1,2-Dichloroethene (total)	ND	2.0	0.4	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:01	2040402	CJH
1,2-Dichloropropane	ND	2.0	0.3	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:01	2040402	CJH
1,3-Dichloropropane	ND	2.0	0.3	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:01	2040402	CJH
2,2-Dichloropropane	ND	10	0.2	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:01	2040402	CJH
1,1-Dichloropropene	ND	10	0.4	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:01	2040402	CJH
cis-1,3-Dichloropropene	ND	1.0	0.2	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:01	2040402	CJH
trans-1,3-Dichloropropene	ND	2.0	0.2	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:01	2040402	CJH
Ethylbenzene	ND	2.0	0.3	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:01	2040402	CJH
Ethyl Methacrylate	ND	10	0.6	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:01	2040402	CJH
Hexachlorobutadiene	ND	2.0	1.0	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:01	2040402	CJH
p-Isopropyltoluene	ND	10	0.4	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:01	2040402	CJH
Hexachloroethane	ND	4.0	1.2	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:01	2040402	CJH
Iodomethane	ND	10	0.5	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:01	2040402	CJH
Isopropylbenzene	ND	10	0.4	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:01	2040402	CJH
Methacrylonitrile	ND	5.0	1.4	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:01	2040402	CJH
Methyl Acrylate	ND	10	0.6	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:01	2040402	CJH
Methyl Butyl Ketone (2-Hexanone)	ND	10	1.1	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:01	2040402	CJH
Methylene Chloride	ND	5.0	0.6	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:01	2040402	CJH
Methyl Ethyl Ketone (2-Butanone)	ND	100	1.8	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:01	2040402	CJH
Methyl Methacrylate	ND	10	0.6	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:01	2040402	CJH
4-Methyl-2-pentanone (MIBK)	ND	10	1.1	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:01	2040402	CJH
Methyl-tert-Butyl Ether	ND	10	0.4	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:01	2040402	CJH
Naphthalene	ND	10	0.4	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:01	2040402	CJH



ANALYTICAL SERVICES, INC.

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

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

Attention: Mr. Bob Schoepke

April 19, 2012

Report No.: AVD0263

Project: Tampa, FL

Client ID: MW-6-040912

Lab Number ID: AVD0263-01

Date/Time Sampled: 4/9/2012 10:35:00AM

Date/Time Received: 4/10/2012 10:10:00AM

Matrix: Ground Water

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Volatile Organic Compounds by EPA 8260											
2-Nitropropane	ND	10	1.2	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:01	2040402	CJH
Propionitrile (Ethyl Cyanide)	ND	20	1.6	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:01	2040402	CJH
n-Propylbenzene	ND	10	0.4	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:01	2040402	CJH
Styrene	ND	5.0	0.3	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:01	2040402	CJH
1,1,1,2-Tetrachloroethane	ND	1.3	0.3	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:01	2040402	CJH
1,1,2,2-Tetrachloroethane	ND	1.0	0.4	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:01	2040402	CJH
Tetrachloroethene	ND	2.0	0.4	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:01	2040402	CJH
Toluene	ND	2.0	0.4	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:01	2040402	CJH
1,2,3-Trichlorobenzene	ND	10	0.7	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:01	2040402	CJH
1,2,4-Trichlorobenzene	ND	10	0.5	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:01	2040402	CJH
1,1,1-Trichloroethane	ND	2.0	0.3	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:01	2040402	CJH
1,1,2-Trichloroethane	ND	2.0	0.7	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:01	2040402	CJH
Trichloroethene	ND	2.0	0.3	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:01	2040402	CJH
Trichlorofluoromethane	ND	10	0.3	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:01	2040402	CJH
1,2,3-Trichloropropane	ND	1.0	0.7	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:01	2040402	CJH
1,2,4-Trimethylbenzene	ND	10	0.4	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:01	2040402	CJH
1,3,5-Trimethylbenzene	ND	10	0.3	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:01	2040402	CJH
Vinyl Acetate	ND	10	0.2	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:01	2040402	CJH
Vinyl Chloride	ND	1.0	0.2	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:01	2040402	CJH
m+p-Xylene	ND	5.0	0.6	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:01	2040402	CJH
o-Xylene	ND	5.0	0.3	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:01	2040402	CJH
Xylenes, total	ND	5.0	0.6	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:01	2040402	CJH
Surrogate: Dibromofluoromethane	92 %	75-123			EPA 8260B			04/12/12 10:30	04/12/12 17:01	2040402	
Surrogate: 1,2-Dichloroethane-d4	93 %	72-120			EPA 8260B			04/12/12 10:30	04/12/12 17:01	2040402	
Surrogate: Toluene-d8	104 %	75-120			EPA 8260B			04/12/12 10:30	04/12/12 17:01	2040402	
Surrogate: 4-Bromofluorobenzene	101 %	80-120			EPA 8260B			04/12/12 10:30	04/12/12 17:01	2040402	



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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

April 19, 2012

Report No.: AVD0263

Project: Tampa, FL

Client ID: MW-6-040912

Lab Number ID: AVD0263-01

Date/Time Sampled: 4/8/2012 10:35:00AM

Date/Time Received: 4/10/2012 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	4.7	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:06	2040299	RAC
Acenaphthylene	ND	10	4.6	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:06	2040299	RAC
Anthracene	ND	10	4.3	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:06	2040299	RAC
Benzo(a)anthracene	ND	10	4.1	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:06	2040299	RAC
Benzo(a)pyrene	ND	10	4.8	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:06	2040299	RAC
Benzo(b)fluoranthene	ND	10	4.4	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:06	2040299	RAC
Benzo(ghi)perylene	ND	10	5.5	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:06	2040299	RAC
Benzo(k)fluoranthene	ND	10	5.0	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:06	2040299	RAC
Benzoic acid	ND	50	3.1	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:06	2040299	RAC
Benzyl alcohol	ND	20	5.1	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:06	2040299	RAC
Benzyl butyl phthalate	ND	10	6.3	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:06	2040299	RAC
4-Bromophenyl phenyl ether	ND	10	5.0	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:06	2040299	RAC
Di-n-butyl phthalate	ND	10	4.8	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:06	2040299	RAC
4-Chloroaniline	ND	20	4.1	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:06	2040299	RAC
Bis(2-chloroethoxy)methane	ND	10	4.4	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:06	2040299	RAC
Bis(2-chloroethyl)ether	ND	10	3.3	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:06	2040299	RAC
Bis(2-chloroisopropyl)ether	ND	10	3.7	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:06	2040299	RAC
4-Chloro-3-methylphenol	ND	10	5.7	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:06	2040299	RAC
2-Chloronaphthalene	ND	10	4.2	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:06	2040299	RAC
2-Chlorophenol	ND	10	4.1	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:06	2040299	RAC
4-Chlorophenyl phenyl ether	ND	10	4.2	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:06	2040299	RAC
Chrysene	ND	10	4.0	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:06	2040299	RAC
Dibenzo(a,h)anthracene	ND	10	4.5	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:06	2040299	RAC
Dibenzofuran	ND	10	4.5	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:06	2040299	RAC
1,2-Dichlorobenzene	ND	10	3.3	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:06	2040299	RAC
1,3-Dichlorobenzene	ND	10	2.8	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:06	2040299	RAC
1,4-Dichlorobenzene	ND	10	2.8	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:06	2040299	RAC
3,3'-Dichlorobenzidine	ND	20	5.0	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:06	2040299	RAC
2,4-Dichlorophenol	ND	10	5.3	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:06	2040299	RAC
Diethyl phthalate	ND	10	3.9	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:06	2040299	RAC
2,4-Dimethylphenol	ND	10	4.4	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:06	2040299	RAC
Dimethyl phthalate	ND	10	4.0	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:06	2040299	RAC



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

April 19, 2012

Report No.: AVD0263

Project: Tampa, FL

Client ID: MW-6-040912

Lab Number ID: AVD0263-01

Date/Time Sampled: 4/9/2012 10:35:00AM

Date/Time Received: 4/10/2012 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	5.8	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:06	2040299	RAC
2,4-Dinitrophenol	ND	50	7.2	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:06	2040299	RAC
2,4-Dinitrotoluene	ND	20	4.7	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:06	2040299	RAC
2,6-Dinitrotoluene	ND	20	4.6	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:06	2040299	RAC
Bis(2-ethylhexyl)phthalate	ND	10	5.9	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:06	2040299	RAC
Fluoranthene	ND	10	4.5	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:06	2040299	RAC
Fluorene	ND	10	4.4	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:06	2040299	RAC
Hexachlorobenzene	ND	10	3.9	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:06	2040299	RAC
Hexachlorobutadiene	ND	10	4.2	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:06	2040299	RAC
Hexachlorocyclopentadiene	ND	10	5.8	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:06	2040299	RAC
Hexachloroethane	ND	10	3.4	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:06	2040299	RAC
Indeno(1,2,3-cd)pyrene	ND	10	5.0	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:06	2040299	RAC
Isophorone	ND	10	4.4	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:06	2040299	RAC
2-Methylnaphthalene	ND	10	5.1	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:06	2040299	RAC
2-Methylphenol (o-cresol)	ND	10	5.0	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:06	2040299	RAC
3+4-Methylphenol (m+p-cresol)	ND	10	5.4	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:06	2040299	RAC
Naphthalene	ND	10	3.7	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:06	2040299	RAC
2-Nitroaniline	ND	50	6.3	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:06	2040299	RAC
3-Nitroaniline	ND	50	5.5	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:06	2040299	RAC
4-Nitroaniline	ND	50	5.9	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:06	2040299	RAC
Nitrobenzene	ND	10	4.1	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:06	2040299	RAC
2-Nitrophenol	ND	50	4.9	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:06	2040299	RAC
4-Nitrophenol	ND	50	4.2	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:06	2040299	RAC
N-Nitrosodimethylamine	ND	10	2.5	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:06	2040299	RAC
N-Nitrosodiphenylamine/Diphenylamine	ND	10	3.8	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:06	2040299	RAC
N-Nitrosodi-n-propylamine	ND	10	6.1	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:06	2040299	RAC
Di-n-octyl phthalate	ND	10	6.3	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:06	2040299	RAC
Pentachlorophenol	ND	20	6.0	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:06	2040299	RAC
Phenanthrene	ND	10	4.0	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:06	2040299	RAC
Phenol	ND	10	2.9	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:06	2040299	RAC
Pyrene	ND	10	4.5	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:06	2040299	RAC
1,2,4-Trichlorobenzene	ND	10	3.3	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:06	2040299	RAC



ANALYTICAL SERVICES, INC.

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

Attention: Mr. Bob Schoepke

April 19, 2012

Report No.: AVD0263

Project: Tampa, FL

Client ID: MW-6-040912

Lab Number ID: AVD0263-01

Date/Time Sampled: 4/9/2012 10:35:00AM

Date/Time Received: 4/10/2012 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	5.9	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:06	2040299	RAC
2,4,6-Trichlorophenol	ND	10	5.5	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:06	2040299	RAC
Surrogate: 2-Fluorophenol	35 %		10-88		EPA 8270D			04/11/12 09:30	04/12/12 16:06	2040299	
Surrogate: Phenol-d6	28 %		10-61		EPA 8270D			04/11/12 09:30	04/12/12 16:06	2040299	
Surrogate: Nitrobenzene-d5	46 %		28-109		EPA 8270D			04/11/12 09:30	04/12/12 16:06	2040299	
Surrogate: 2-Fluorobiphenyl	52 %		38-112		EPA 8270D			04/11/12 09:30	04/12/12 16:06	2040299	
Surrogate: 2,4,6-Tribromophenol	43 %		10-165		EPA 8270D			04/11/12 09:30	04/12/12 16:06	2040299	
Surrogate: p-Terphenyl-d14	67 %		10-142		EPA 8270D			04/11/12 09:30	04/12/12 16:06	2040299	



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1502 E. Villa Street
Elgin IL, 60120

Attention: Mr. Bob Schoepke

April 19, 2012

Report No.: AVD0263

Project: Tampa, FL

Client ID: MW-5-040912

Lab Number ID: AVD0263-02

Date/Time Sampled: 4/9/2012 10:49:00AM

Date/Time Received: 4/10/2012 10:10:00AM

Matrix: Ground Water

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Metals, Total											
Iron	7.25	0.040	0.001	mg/L	EPA 6010C		1	04/11/12 11:30	04/11/12 15:38	2040273	FBS
Manganese	0.012	0.040	0.001	mg/L	EPA 6010C	J	1	04/11/12 11:30	04/11/12 15:38	2040273	FBS



ANALYTICAL SERVICES, INC.

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

Attention: Mr. Bob Schoepke

Report No.: AVD0263

Client ID: MW-4-040912

Date/Time Sampled: 4/9/2012 2:05:00PM

Matrix: Ground Water

April 18, 2012

Project: Tampa, FL

Lab Number ID: AVD0263-03

Date/Time Received: 4/10/2012 10:10:00AM

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Metals, Total											
Iron	12.2	0.040	0.001	mg/L	EPA 6010C		1	04/11/12 11:30	04/11/12 15:46	2040273	FBS
Manganese	0.100	0.040	0.001	mg/L	EPA 6010C		1	04/11/12 11:30	04/11/12 15:46	2040273	FBS
Volatile Organic Compounds by EPA 8260											
Acetone	ND	100	3.8	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:31	2040402	CJH
Acrolein	ND	14	2.4	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:31	2040402	CJH
Acrylonitrile	ND	4.0	1.3	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:31	2040402	CJH
Allyl Chloride (3-Chloropropylene)	ND	10	0.6	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:31	2040402	CJH
Benzene	ND	1.0	0.3	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:31	2040402	CJH
Bromobenzene	ND	10	0.4	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:31	2040402	CJH
Bromochloromethane	ND	10	0.4	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:31	2040402	CJH
Bromodichloromethane	ND	1.0	0.2	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:31	2040402	CJH
Bromoform	ND	4.4	0.5	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:31	2040402	CJH
Bromomethane	ND	9.8	1.3	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:31	2040402	CJH
n-Butylbenzene	ND	10	0.2	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:31	2040402	CJH
sec-Butylbenzene	ND	10	0.4	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:31	2040402	CJH
tert-Butylbenzene	ND	10	0.4	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:31	2040402	CJH
Carbon Disulfide	ND	10	0.4	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:31	2040402	CJH
Carbon Tetrachloride	ND	2.0	0.3	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:31	2040402	CJH
Chlorobenzene	ND	10	0.5	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:31	2040402	CJH
1-Chlorobutane	ND	10	0.5	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:31	2040402	CJH
Chloroethane	ND	5.0	0.6	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:31	2040402	CJH
2-Chloroethyl Vinyl Ether	ND	10	0.6	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:31	2040402	CJH
Chloroform	ND	2.0	0.6	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:31	2040402	CJH
Chloromethane	ND	2.7	0.4	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:31	2040402	CJH
2-Chlorotoluene	ND	10	0.4	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:31	2040402	CJH
4-Chlorotoluene	ND	10	0.4	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:31	2040402	CJH
Dibromochloromethane	ND	1.0	0.2	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:31	2040402	CJH
1,2-Dibromo-3-chloropropane	ND	5.0	1.3	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:31	2040402	CJH
1,2-Dibromoethane	ND	2.0	0.3	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:31	2040402	CJH
Dibromomethane	ND	10	0.5	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:31	2040402	CJH
1,2-Dichlorobenzene	ND	10	0.6	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:31	2040402	CJH



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

Attention: Mr. Bob Schoepke

April 19, 2012

Report No.: AVD0263

Project: Tampa, FL

Client ID: MW-4-040912

Lab Number ID: AVD0263-03

Date/Time Sampled: 4/9/2012 2:05:00PM

Date/Time Received: 4/10/2012 10:10:00AM

Matrix: Ground Water

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Volatile Organic Compounds by EPA 8260											
1,3-Dichlorobenzene	ND	10	0.6	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:31	2040402	CJH
1,4-Dichlorobenzene	ND	10	0.6	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:31	2040402	CJH
trans-1,4-Dichloro-2-butene	ND	5.0	1.2	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:31	2040402	CJH
Dichlorodifluoromethane	ND	10	0.5	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:31	2040402	CJH
1,1-Dichloroethane	ND	2.0	0.3	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:31	2040402	CJH
1,2-Dichloroethane	ND	2.0	0.4	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:31	2040402	CJH
1,1-Dichloroethene	ND	2.0	0.4	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:31	2040402	CJH
cis-1,2-Dichloroethene	ND	2.0	0.4	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:31	2040402	CJH
trans-1,2-Dichloroethene	ND	2.0	0.3	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:31	2040402	CJH
1,2-Dichloroethene (total)	ND	2.0	0.4	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:31	2040402	CJH
1,2-Dichloropropane	ND	2.0	0.3	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:31	2040402	CJH
1,3-Dichloropropane	ND	2.0	0.3	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:31	2040402	CJH
2,2-Dichloropropane	ND	10	0.2	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:31	2040402	CJH
1,1-Dichloropropene	ND	10	0.4	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:31	2040402	CJH
cis-1,3-Dichloropropene	ND	1.0	0.2	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:31	2040402	CJH
trans-1,3-Dichloropropene	ND	2.0	0.2	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:31	2040402	CJH
Ethylbenzene	ND	2.0	0.3	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:31	2040402	CJH
Ethyl Methacrylate	ND	10	0.6	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:31	2040402	CJH
Hexachlorobutadiene	ND	2.0	1.0	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:31	2040402	CJH
p-Isopropyltoluene	ND	10	0.4	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:31	2040402	CJH
Hexachloroethane	ND	4.0	1.2	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:31	2040402	CJH
Iodomethane	ND	10	0.5	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:31	2040402	CJH
Isopropylbenzene	ND	10	0.4	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:31	2040402	CJH
Methacrylonitrile	ND	5.0	1.4	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:31	2040402	CJH
Methyl Acrylate	ND	10	0.6	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:31	2040402	CJH
Methyl Butyl Ketone (2-Hexanone)	ND	10	1.1	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:31	2040402	CJH
Methylene Chloride	ND	5.0	0.6	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:31	2040402	CJH
Methyl Ethyl Ketone (2-Butanone)	ND	100	1.8	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:31	2040402	CJH
Methyl Methacrylate	ND	10	0.6	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:31	2040402	CJH
4-Methyl-2-pentanone (MIBK)	ND	10	1.1	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:31	2040402	CJH
Methyl-tert-Butyl Ether	ND	10	0.4	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:31	2040402	CJH
Naphthalene	9.2	10	0.4	ug/L	EPA 8260B	J	1	04/12/12 10:30	04/12/12 17:31	2040402	CJH



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Elgin IL, 60120

Attention: Mr. Bob Schoepke

April 19, 2012

Report No.: AVD0263

Project: Tampa, FL

Client ID: MW-4-040912

Lab Number ID: AVD0263-03

Date/Time Sampled: 4/9/2012 2:05:00PM

Date/Time Received: 4/10/2012 10:10:00AM

Matrix: Ground Water

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Int.
Volatile Organic Compounds by EPA 8260											
2-Nitropropane	ND	10	1.2	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:31	2040402	CJH
Propionitrile (Ethyl Cyanide)	ND	20	1.6	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:31	2040402	CJH
n-Propylbenzene	ND	10	0.4	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:31	2040402	CJH
Styrene	ND	5.0	0.3	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:31	2040402	CJH
1,1,1,2-Tetrachloroethane	ND	1.3	0.3	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:31	2040402	CJH
1,1,2,2-Tetrachloroethane	ND	1.0	0.4	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:31	2040402	CJH
Tetrachloroethene	ND	2.0	0.4	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:31	2040402	CJH
Toluene	ND	2.0	0.4	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:31	2040402	CJH
1,2,3-Trichlorobenzene	ND	10	0.7	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:31	2040402	CJH
1,2,4-Trichlorobenzene	ND	10	0.5	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:31	2040402	CJH
1,1,1-Trichloroethane	ND	2.0	0.3	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:31	2040402	CJH
1,1,2-Trichloroethane	ND	2.0	0.7	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:31	2040402	CJH
Trichloroethene	ND	2.0	0.3	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:31	2040402	CJH
Trichlorofluoromethane	ND	10	0.3	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:31	2040402	CJH
1,2,3-Trichloropropane	ND	1.0	0.7	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:31	2040402	CJH
1,2,4-Trimethylbenzene	ND	10	0.4	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:31	2040402	CJH
1,3,5-Trimethylbenzene	ND	10	0.3	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:31	2040402	CJH
Vinyl Acetate	ND	10	0.2	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:31	2040402	CJH
Vinyl Chloride	ND	1.0	0.2	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:31	2040402	CJH
m+p-Xylene	ND	5.0	0.6	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:31	2040402	CJH
o-Xylene	ND	5.0	0.3	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:31	2040402	CJH
Xylenes, total	ND	5.0	0.6	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 17:31	2040402	CJH
Surrogate: Dibromofluoromethane	94 %		75-123		EPA 8260B			04/12/12 10:30	04/12/12 17:31	2040402	
Surrogate: 1,2-Dichloroethane-d4	93 %		72-120		EPA 8260B			04/12/12 10:30	04/12/12 17:31	2040402	
Surrogate: Toluene-d8	102 %		75-120		EPA 8260B			04/12/12 10:30	04/12/12 17:31	2040402	
Surrogate: 4-Bromofluorobenzene	98 %		80-120		EPA 8260B			04/12/12 10:30	04/12/12 17:31	2040402	



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Elgin IL, 60120

Attention: Mr. Bob Schoepke

April 19, 2012

Report No.: AVD0263

Project: Tampa, FL

Client ID: MW-4-040912

Lab Number ID: AVD0263-03

Date/Time Sampled: 4/9/2012 2:05:00PM

Date/Time Received: 4/10/2012 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	9.4	4.4	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:28	2040299	RAC
Acenaphthylene	ND	9.4	4.3	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:28	2040299	RAC
Anthracene	ND	9.4	4.1	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:28	2040299	RAC
Benzo(a)anthracene	ND	9.4	3.8	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:28	2040299	RAC
Benzo(a)pyrene	ND	9.4	4.6	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:28	2040299	RAC
Benzo(b)fluoranthene	ND	9.4	4.1	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:28	2040299	RAC
Benzo(ghi)perylene	ND	9.4	5.2	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:28	2040299	RAC
Benzo(k)fluoranthene	ND	9.4	4.7	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:28	2040299	RAC
Benzoic acid	ND	47	2.9	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:28	2040299	RAC
Benzyl alcohol	ND	19	4.8	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:28	2040299	RAC
Benzyl butyl phthalate	ND	9.4	5.9	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:28	2040299	RAC
4-Bromophenyl phenyl ether	ND	9.4	4.7	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:28	2040299	RAC
Di-n-butyl phthalate	ND	9.4	4.5	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:28	2040299	RAC
4-Chloroaniline	ND	19	3.9	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:28	2040299	RAC
Bis(2-chloroethoxy)methane	ND	9.4	4.1	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:28	2040299	RAC
Bis(2-chloroethyl)ether	ND	9.4	3.1	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:28	2040299	RAC
Bis(2-chloroisopropyl)ether	ND	9.4	3.5	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:28	2040299	RAC
4-Chloro-3-methylphenol	ND	9.4	5.4	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:28	2040299	RAC
2-Chloronaphthalene	ND	9.4	4.0	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:28	2040299	RAC
2-Chlorophenol	ND	9.4	3.9	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:28	2040299	RAC
4-Chlorophenyl phenyl ether	ND	9.4	3.9	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:28	2040299	RAC
Chrysene	ND	9.4	3.7	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:28	2040299	RAC
Dibenzo(a,h)anthracene	ND	9.4	4.2	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:28	2040299	RAC
Dibenzofuran	ND	9.4	4.3	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:28	2040299	RAC
1,2-Dichlorobenzene	ND	9.4	3.1	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:28	2040299	RAC
1,3-Dichlorobenzene	ND	9.4	2.7	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:28	2040299	RAC
1,4-Dichlorobenzene	ND	9.4	2.7	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:28	2040299	RAC
3,3'-Dichlorobenzidine	ND	19	4.7	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:28	2040299	RAC
2,4-Dichlorophenol	ND	9.4	5.0	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:28	2040299	RAC
Diethyl phthalate	ND	9.4	3.7	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:28	2040299	RAC
2,4-Dimethylphenol	ND	9.4	4.2	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:28	2040299	RAC
Dimethyl phthalate	ND	9.4	3.8	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:28	2040299	RAC



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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	47	5.4	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:28	2040299	RAC
2,4-Dinitrophenol	ND	47	6.8	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:28	2040299	RAC
2,4-Dinitrotoluene	ND	19	4.4	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:28	2040299	RAC
2,6-Dinitrotoluene	ND	19	4.4	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:28	2040299	RAC
Bis(2-ethylhexyl)phthalate	ND	9.4	5.6	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:28	2040299	RAC
Fluoranthene	ND	9.4	4.3	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:28	2040299	RAC
Fluorene	ND	9.4	4.1	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:28	2040299	RAC
Hexachlorobenzene	ND	9.4	3.7	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:28	2040299	RAC
Hexachlorobutadiene	ND	9.4	3.9	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:28	2040299	RAC
Hexachlorocyclopentadiene	ND	9.4	5.4	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:28	2040299	RAC
Hexachloroethane	ND	9.4	3.2	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:28	2040299	RAC
Indeno(1,2,3-cd)pyrene	ND	9.4	4.7	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:28	2040299	RAC
Isophorone	ND	9.4	4.2	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:28	2040299	RAC
2-Methylnaphthalene	ND	9.4	4.8	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:28	2040299	RAC
2-Methylphenol (o-cresol)	ND	9.4	4.7	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:28	2040299	RAC
3+4-Methylphenol (m+p-cresol)	ND	9.4	5.1	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:28	2040299	RAC
Naphthalene	6.0	9.4	3.5	ug/L	EPA 8270D	J	1	04/11/12 09:30	04/12/12 16:28	2040299	RAC
2-Nitroaniline	ND	47	5.9	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:28	2040299	RAC
3-Nitroaniline	ND	47	5.2	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:28	2040299	RAC
4-Nitroaniline	ND	47	5.6	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:28	2040299	RAC
Nitrobenzene	ND	9.4	3.8	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:28	2040299	RAC
2-Nitrophenol	ND	47	4.6	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:28	2040299	RAC
4-Nitrophenol	ND	47	4.0	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:28	2040299	RAC
N-Nitrosodimethylamine	ND	9.4	2.4	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:28	2040299	RAC
N-Nitrosodiphenylamine/Diphenylamine	ND	9.4	3.6	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:28	2040299	RAC
N-Nitrosodi-n-propylamine	ND	9.4	5.7	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:28	2040299	RAC
Di-n-octyl phthalate	ND	9.4	5.9	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:28	2040299	RAC
Pentachlorophenol	ND	19	5.7	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:28	2040299	RAC
Phenanthrene	ND	9.4	3.8	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:28	2040299	RAC
Phenol	ND	9.4	2.7	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:28	2040299	RAC
Pyrene	ND	9.4	4.3	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:28	2040299	RAC
1,2,4-Trichlorobenzene	ND	9.4	3.1	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:28	2040299	RAC



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

April 19, 2012

Report No.: AVD0263

Project: Tampa, FL

Client ID: MW-4-040912

Lab Number ID: AVD0263-03

Date/Time Sampled: 4/9/2012 2:05:00PM

Date/Time Received: 4/10/2012 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	9.4	5.5	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:28	2040299	RAC
2,4,6-Trichlorophenol	ND	9.4	5.2	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:28	2040299	RAC
Surrogate: 2-Fluorophenol	29 %		10-88		EPA 8270D			04/11/12 09:30	04/12/12 16:28	2040299	
Surrogate: Phenol-d8	21 %		10-61		EPA 8270D			04/11/12 09:30	04/12/12 16:28	2040299	
Surrogate: Nitrobenzene-d5	61 %		28-109		EPA 8270D			04/11/12 09:30	04/12/12 16:28	2040299	
Surrogate: 2-Fluorobiphenyl	73 %		38-112		EPA 8270D			04/11/12 09:30	04/12/12 16:28	2040299	
Surrogate: 2,4,6-Tribromophenol	70 %		10-165		EPA 8270D			04/11/12 09:30	04/12/12 16:28	2040299	
Surrogate: p-Terphenyl-d14	63 %		10-142		EPA 8270D			04/11/12 09:30	04/12/12 16:28	2040299	



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

Attention: Mr. Bob Schoepke

April 19, 2012

Report No.: AVD0263

Project: Tampa, FL

Client ID: MW-3-040912

Lab Number ID: AVD0263-04

Date/Time Sampled: 4/9/2012 1:31:00PM

Date/Time Received: 4/10/2012 10:10:00AM

Matrix: Ground Water

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Metals, Total											
Iron	8.15	0.040	0.001	mg/L	EPA 6010C		1	04/11/12 11:30	04/11/12 15:50	2040273	FBS
Manganese	0.238	0.040	0.001	mg/L	EPA 6010C		1	04/11/12 11:30	04/11/12 15:50	2040273	FBS
Volatile Organic Compounds by EPA 8260											
Acetone	14	100	3.8	ug/L	EPA 8260B	J	1	04/12/12 10:30	04/12/12 18:02	2040402	CJH
Acrolein	ND	14	2.4	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:02	2040402	CJH
Acrylonitrile	ND	4.0	1.3	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:02	2040402	CJH
Allyl Chloride (3-Chloropropylene)	ND	10	0.6	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:02	2040402	CJH
Benzene	ND	1.0	0.3	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:02	2040402	CJH
Bromobenzene	ND	10	0.4	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:02	2040402	CJH
Bromochloromethane	ND	10	0.4	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:02	2040402	CJH
Bromodichloromethane	ND	1.0	0.2	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:02	2040402	CJH
Bromoform	ND	4.4	0.5	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:02	2040402	CJH
Bromomethane	ND	9.8	1.3	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:02	2040402	CJH
n-Butylbenzene	ND	10	0.2	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:02	2040402	CJH
sec-Butylbenzene	ND	10	0.4	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:02	2040402	CJH
tert-Butylbenzene	ND	10	0.4	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:02	2040402	CJH
Carbon Disulfide	ND	10	0.4	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:02	2040402	CJH
Carbon Tetrachloride	ND	2.0	0.3	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:02	2040402	CJH
Chlorobenzene	ND	10	0.5	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:02	2040402	CJH
1-Chlorobutane	ND	10	0.5	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:02	2040402	CJH
Chloroethane	ND	5.0	0.6	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:02	2040402	CJH
2-Chloroethyl Vinyl Ether	ND	10	0.6	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:02	2040402	CJH
Chloroform	ND	2.0	0.6	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:02	2040402	CJH
Chloromethane	ND	2.7	0.4	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:02	2040402	CJH
2-Chlorotoluene	ND	10	0.4	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:02	2040402	CJH
4-Chlorotoluene	ND	10	0.4	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:02	2040402	CJH
Dibromochloromethane	ND	1.0	0.2	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:02	2040402	CJH
1,2-Dibromo-3-chloropropane	ND	5.0	1.3	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:02	2040402	CJH
1,2-Dibromoethane	ND	2.0	0.3	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:02	2040402	CJH
Dibromomethane	ND	10	0.5	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:02	2040402	CJH
1,2-Dichlorobenzene	ND	10	0.6	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:02	2040402	CJH



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

Attention: Mr. Bob Schoepke

April 19, 2012

Report No.: AVD0263

Project: Tampa, FL

Client ID: MW-3-040912

Lab Number ID: AVD0263-04

Date/Time Sampled: 4/9/2012 1:31:00PM

Date/Time Received: 4/10/2012 10:10:00AM

Matrix: Ground Water

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Volatile Organic Compounds by EPA 8260											
1,3-Dichlorobenzene	ND	10	0.6	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:02	2040402	CJH
1,4-Dichlorobenzene	ND	10	0.6	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:02	2040402	CJH
trans-1,4-Dichloro-2-butene	ND	5.0	1.2	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:02	2040402	CJH
Dichlorodifluoromethane	ND	10	0.5	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:02	2040402	CJH
1,1-Dichloroethane	ND	2.0	0.3	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:02	2040402	CJH
1,2-Dichloroethane	ND	2.0	0.4	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:02	2040402	CJH
1,1-Dichloroethene	ND	2.0	0.4	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:02	2040402	CJH
cis-1,2-Dichloroethene	ND	2.0	0.4	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:02	2040402	CJH
trans-1,2-Dichloroethene	ND	2.0	0.3	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:02	2040402	CJH
1,2-Dichloroethene (total)	ND	2.0	0.4	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:02	2040402	CJH
1,2-Dichloropropane	ND	2.0	0.3	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:02	2040402	CJH
1,3-Dichloropropane	ND	2.0	0.3	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:02	2040402	CJH
2,2-Dichloropropane	ND	10	0.2	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:02	2040402	CJH
1,1-Dichloropropene	ND	10	0.4	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:02	2040402	CJH
cis-1,3-Dichloropropene	ND	1.0	0.2	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:02	2040402	CJH
trans-1,3-Dichloropropene	ND	2.0	0.2	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:02	2040402	CJH
Ethylbenzene	ND	2.0	0.3	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:02	2040402	CJH
Ethyl Methacrylate	ND	10	0.6	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:02	2040402	CJH
Hexachlorobutadiene	ND	2.0	1.0	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:02	2040402	CJH
p-Isopropyltoluene	ND	10	0.4	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:02	2040402	CJH
Hexachloroethane	ND	4.0	1.2	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:02	2040402	CJH
Iodomethane	ND	10	0.5	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:02	2040402	CJH
Isopropylbenzene	ND	10	0.4	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:02	2040402	CJH
Methacrylonitrile	ND	5.0	1.4	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:02	2040402	CJH
Methyl Acrylate	ND	10	0.6	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:02	2040402	CJH
Methyl Butyl Ketone (2-Hexanone)	ND	10	1.1	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:02	2040402	CJH
Methylene Chloride	ND	5.0	0.6	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:02	2040402	CJH
Methyl Ethyl Ketone (2-Butanone)	ND	100	1.8	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:02	2040402	CJH
Methyl Methacrylate	ND	10	0.6	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:02	2040402	CJH
4-Methyl-2-pentanone (MIBK)	ND	10	1.1	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:02	2040402	CJH
Methyl-tert-Butyl Ether	ND	10	0.4	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:02	2040402	CJH
Naphthalene	ND	10	0.4	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:02	2040402	CJH



ANALYTICAL SERVICES, INC.

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

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

Attention: Mr. Bob Schoepke

April 19, 2012

Report No.: AVD0263

Project: Tampa, FL

Client ID: MW-3-040912

Lab Number ID: AVD0263-04

Date/Time Sampled: 4/9/2012 1:31:00PM

Date/Time Received: 4/10/2012 10:10:00AM

Matrix: Ground Water

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Volatile Organic Compounds by EPA 8260											
2-Nitropropane	ND	10	1.2	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:02	2040402	CJH
Propionitrile (Ethyl Cyanide)	ND	20	1.6	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:02	2040402	CJH
n-Propylbenzene	ND	10	0.4	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:02	2040402	CJH
Styrene	ND	5.0	0.3	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:02	2040402	CJH
1,1,1,2-Tetrachloroethane	ND	1.3	0.3	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:02	2040402	CJH
1,1,2,2-Tetrachloroethane	ND	1.0	0.4	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:02	2040402	CJH
Tetrachloroethene	ND	2.0	0.4	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:02	2040402	CJH
Toluene	ND	2.0	0.4	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:02	2040402	CJH
1,2,3-Trichlorobenzene	ND	10	0.7	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:02	2040402	CJH
1,2,4-Trichlorobenzene	ND	10	0.5	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:02	2040402	CJH
1,1,1-Trichloroethane	ND	2.0	0.3	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:02	2040402	CJH
1,1,2-Trichloroethane	ND	2.0	0.7	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:02	2040402	CJH
Trichloroethene	ND	2.0	0.3	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:02	2040402	CJH
Trichlorofluoromethane	ND	10	0.3	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:02	2040402	CJH
1,2,3-Trichloropropane	ND	1.0	0.7	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:02	2040402	CJH
1,2,4-Trimethylbenzene	ND	10	0.4	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:02	2040402	CJH
1,3,5-Trimethylbenzene	ND	10	0.3	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:02	2040402	CJH
Vinyl Acetate	ND	10	0.2	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:02	2040402	CJH
Vinyl Chloride	ND	1.0	0.2	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:02	2040402	CJH
m+p-Xylene	ND	5.0	0.6	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:02	2040402	CJH
o-Xylene	ND	5.0	0.3	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:02	2040402	CJH
Xylenes, total	ND	5.0	0.6	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:02	2040402	CJH
Surrogate: Dibromofluoromethane	92 %	75-123			EPA 8260B			04/12/12 10:30	04/12/12 18:02	2040402	
Surrogate: 1,2-Dichloroethane-d4	91 %	72-120			EPA 8260B			04/12/12 10:30	04/12/12 18:02	2040402	
Surrogate: Toluene-d8	102 %	75-120			EPA 8260B			04/12/12 10:30	04/12/12 18:02	2040402	
Surrogate: 4-Bromofluorobenzene	99 %	80-120			EPA 8260B			04/12/12 10:30	04/12/12 18:02	2040402	



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Elgin IL, 60120

Attention: Mr. Bob Schoepke

April 19, 2012

Report No.: AVD0263

Project: Tampa, FL

Client ID: MW-3-040912

Lab Number ID: AVD0263-04

Date/Time Sampled: 4/9/2012 1:31:00PM

Date/Time Received: 4/10/2012 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	9.4	4.4	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:51	2040299	RAC
Acenaphthylene	ND	9.4	4.3	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:51	2040299	RAC
Anthracene	ND	9.4	4.1	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:51	2040299	RAC
Benzo(a)anthracene	ND	9.4	3.8	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:51	2040299	RAC
Benzo(a)pyrene	ND	9.4	4.6	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:51	2040299	RAC
Benzo(b)fluoranthene	ND	9.4	4.1	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:51	2040299	RAC
Benzo(ghi)perylene	ND	9.4	5.2	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:51	2040299	RAC
Benzo(k)fluoranthene	ND	9.4	4.7	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:51	2040299	RAC
Benzoic acid	ND	47	2.9	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:51	2040299	RAC
Benzyl alcohol	ND	19	4.8	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:51	2040299	RAC
Benzyl butyl phthalate	ND	9.4	5.9	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:51	2040299	RAC
4-Bromophenyl phenyl ether	ND	9.4	4.7	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:51	2040299	RAC
Di-n-butyl phthalate	ND	9.4	4.5	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:51	2040299	RAC
4-Chloroaniline	ND	19	3.9	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:51	2040299	RAC
Bis(2-chloroethoxy)methane	ND	9.4	4.1	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:51	2040299	RAC
Bis(2-chloroethyl)ether	ND	9.4	3.1	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:51	2040299	RAC
Bis(2-chloroisopropyl)ether	ND	9.4	3.5	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:51	2040299	RAC
4-Chloro-3-methylphenol	ND	9.4	5.4	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:51	2040299	RAC
2-Chloronaphthalene	ND	9.4	4.0	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:51	2040299	RAC
2-Chlorophenol	ND	9.4	3.9	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:51	2040299	RAC
4-Chlorophenyl phenyl ether	ND	9.4	3.9	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:51	2040299	RAC
Chrysene	ND	9.4	3.7	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:51	2040299	RAC
Dibenzo(a,h)anthracene	ND	9.4	4.2	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:51	2040299	RAC
Dibenzofuran	ND	9.4	4.3	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:51	2040299	RAC
1,2-Dichlorobenzene	ND	9.4	3.1	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:51	2040299	RAC
1,3-Dichlorobenzene	ND	9.4	2.7	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:51	2040299	RAC
1,4-Dichlorobenzene	ND	9.4	2.7	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:51	2040299	RAC
3,3'-Dichlorobenzidine	ND	19	4.7	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:51	2040299	RAC
2,4-Dichlorophenol	ND	9.4	5.0	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:51	2040299	RAC
Diethyl phthalate	ND	9.4	3.7	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:51	2040299	RAC
2,4-Dimethylphenol	ND	9.4	4.2	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:51	2040299	RAC
Dimethyl phthalate	ND	9.4	3.8	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:51	2040299	RAC



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

April 19, 2012

Report No.: AVD0263

Project: Tampa, FL

Client ID: MW-3-040912

Lab Number ID: AVD0263-04

Date/Time Sampled: 4/9/2012 1:31:00PM

Date/Time Received: 4/10/2012 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	47	5.4	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:51	2040299	RAC
2,4-Dinitrophenol	ND	47	6.8	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:51	2040299	RAC
2,4-Dinitrotoluene	ND	19	4.4	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:51	2040299	RAC
2,6-Dinitrotoluene	ND	19	4.4	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:51	2040299	RAC
Bis(2-ethylhexyl)phthalate	ND	9.4	5.6	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:51	2040299	RAC
Fluoranthene	ND	9.4	4.3	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:51	2040299	RAC
Fluorene	ND	9.4	4.1	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:51	2040299	RAC
Hexachlorobenzene	ND	9.4	3.7	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:51	2040299	RAC
Hexachlorobutadiene	ND	9.4	3.9	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:51	2040299	RAC
Hexachlorocyclopentadiene	ND	9.4	5.4	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:51	2040299	RAC
Hexachloroethane	ND	9.4	3.2	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:51	2040299	RAC
Indeno(1,2,3-cd)pyrene	ND	9.4	4.7	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:51	2040299	RAC
Isophorone	ND	9.4	4.2	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:51	2040299	RAC
2-Methylnaphthalene	ND	9.4	4.8	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:51	2040299	RAC
2-Methylphenol (o-cresol)	ND	9.4	4.7	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:51	2040299	RAC
3+4-Methylphenol (m+p-cresol)	ND	9.4	5.1	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:51	2040299	RAC
Naphthalene	ND	9.4	3.5	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:51	2040299	RAC
2-Nitroaniline	ND	47	5.9	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:51	2040299	RAC
3-Nitroaniline	ND	47	5.2	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:51	2040299	RAC
4-Nitroaniline	ND	47	5.6	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:51	2040299	RAC
Nitrobenzene	ND	9.4	3.8	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:51	2040299	RAC
2-Nitrophenol	ND	47	4.6	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:51	2040299	RAC
4-Nitrophenol	ND	47	4.0	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:51	2040299	RAC
N-Nitrosodimethylamine	ND	9.4	2.4	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:51	2040299	RAC
N-Nitrosodiphenylamine/Diphenylamine	ND	9.4	3.6	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:51	2040299	RAC
N-Nitrosodi-n-propylamine	ND	9.4	5.7	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:51	2040299	RAC
Di-n-octyl phthalate	ND	9.4	5.9	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:51	2040299	RAC
Pentachlorophenol	ND	19	5.7	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:51	2040299	RAC
Phenanthrene	ND	9.4	3.8	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:51	2040299	RAC
Phenol	ND	9.4	2.7	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:51	2040299	RAC
Pyrene	ND	9.4	4.3	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:51	2040299	RAC
1,2,4-Trichlorobenzene	ND	9.4	3.1	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:51	2040299	RAC



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

Attention: Mr. Bob Schoepke

April 19, 2012

Report No.: AVD0263

Project: Tampa, FL

Client ID: MW-3-040912

Lab Number ID: AVD0263-04

Date/Time Sampled: 4/8/2012 1:31:00PM

Date/Time Received: 4/10/2012 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	9.4	5.5	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:51	2040299	RAC
2,4,6-Trichlorophenol	ND	9.4	5.2	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 16:51	2040299	RAC
Surrogate: 2-Fluorophenol	30 %		10-88		EPA 8270D			04/11/12 09:30	04/12/12 16:51	2040299	
Surrogate: Phenol-d6	18 %		10-81		EPA 8270D			04/11/12 09:30	04/12/12 16:51	2040299	
Surrogate: Nitrobenzene-d5	57 %		28-109		EPA 8270D			04/11/12 09:30	04/12/12 16:51	2040299	
Surrogate: 2-Fluorobiphenyl	62 %		38-112		EPA 8270D			04/11/12 09:30	04/12/12 16:51	2040299	
Surrogate: 2,4,6-Tribromophenol	67 %		10-165		EPA 8270D			04/11/12 09:30	04/12/12 16:51	2040299	
Surrogate: p-Terphenyl-d14	71 %		10-142		EPA 8270D			04/11/12 09:30	04/12/12 16:51	2040299	



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Elgin IL, 60120

Attention: Mr. Bob Schoepke

April 19, 2012

Report No.: AVD0263

Project: Tampa, FL

Client ID: MW-2-040912

Lab Number ID: AVD0263-05

Date/Time Sampled: 4/9/2012 12:53:00PM

Date/Time Received: 4/10/2012 10:10:00AM

Matrix: Ground Water

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Metals, Total											
Iron	0.702	0.040	0.001	mg/L	EPA 6010C		1	04/11/12 11:30	04/11/12 15:53	2040273	FBS
Manganese	0.044	0.040	0.001	mg/L	EPA 6010C		1	04/11/12 11:30	04/11/12 15:53	2040273	FBS
Volatile Organic Compounds by EPA 8260											
Acetone	22	100	3.8	ug/L	EPA 8260B	J	1	04/12/12 10:30	04/12/12 18:32	2040402	CJH
Acrolein	ND	14	2.4	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:32	2040402	CJH
Acrylonitrile	ND	4.0	1.3	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:32	2040402	CJH
Allyl Chloride (3-Chloropropylene)	ND	10	0.6	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:32	2040402	CJH
Benzene	ND	1.0	0.3	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:32	2040402	CJH
Bromobenzene	ND	10	0.4	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:32	2040402	CJH
Bromochloromethane	ND	10	0.4	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:32	2040402	CJH
Bromodichloromethane	ND	1.0	0.2	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:32	2040402	CJH
Bromoform	ND	4.4	0.5	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:32	2040402	CJH
Bromomethane	ND	9.8	1.3	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:32	2040402	CJH
n-Butylbenzene	ND	10	0.2	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:32	2040402	CJH
sec-Butylbenzene	ND	10	0.4	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:32	2040402	CJH
tert-Butylbenzene	ND	10	0.4	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:32	2040402	CJH
Carbon Disulfide	ND	10	0.4	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:32	2040402	CJH
Carbon Tetrachloride	ND	2.0	0.3	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:32	2040402	CJH
Chlorobenzene	0.7	10	0.5	ug/L	EPA 8260B	J	1	04/12/12 10:30	04/12/12 18:32	2040402	CJH
1-Chlorobutane	ND	10	0.5	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:32	2040402	CJH
Chloroethane	ND	5.0	0.6	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:32	2040402	CJH
2-Chloroethyl Vinyl Ether	ND	10	0.6	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:32	2040402	CJH
Chloroform	ND	2.0	0.6	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:32	2040402	CJH
Chloromethane	ND	2.7	0.4	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:32	2040402	CJH
2-Chlorotoluene	ND	10	0.4	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:32	2040402	CJH
4-Chlorotoluene	ND	10	0.4	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:32	2040402	CJH
Dibromochloromethane	ND	1.0	0.2	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:32	2040402	CJH
1,2-Dibromo-3-chloropropane	ND	5.0	1.3	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:32	2040402	CJH
1,2-Dibromoethane	ND	2.0	0.3	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:32	2040402	CJH
Dibromomethane	ND	10	0.5	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:32	2040402	CJH
1,2-Dichlorobenzene	ND	10	0.6	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:32	2040402	CJH



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Elgin IL, 60120

Attention: Mr. Bob Schoepke

April 19, 2012

Report No.: AVD0263

Project: Tampa, FL

Client ID: MIW-2-040912

Lab Number ID: AVD0263-05

Date/Time Sampled: 4/9/2012 12:53:00PM

Date/Time Received: 4/10/2012 10:10:00AM

Matrix: Ground Water

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Volatile Organic Compounds by EPA 8260											
1,3-Dichlorobenzene	ND	10	0.6	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:32	2040402	CJH
1,4-Dichlorobenzene	2.5	10	0.6	ug/L	EPA 8260B	J	1	04/12/12 10:30	04/12/12 18:32	2040402	CJH
trans-1,4-Dichloro-2-butene	ND	5.0	1.2	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:32	2040402	CJH
Dichlorodifluoromethane	ND	10	0.5	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:32	2040402	CJH
1,1-Dichloroethane	ND	2.0	0.3	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:32	2040402	CJH
1,2-Dichloroethane	ND	2.0	0.4	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:32	2040402	CJH
1,1-Dichloroethene	ND	2.0	0.4	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:32	2040402	CJH
cis-1,2-Dichloroethene	ND	2.0	0.4	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:32	2040402	CJH
trans-1,2-Dichloroethene	ND	2.0	0.3	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:32	2040402	CJH
1,2-Dichloroethene (total)	ND	2.0	0.4	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:32	2040402	CJH
1,2-Dichloropropane	ND	2.0	0.3	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:32	2040402	CJH
1,3-Dichloropropane	ND	2.0	0.3	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:32	2040402	CJH
2,2-Dichloropropane	ND	10	0.2	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:32	2040402	CJH
1,1-Dichloropropene	ND	10	0.4	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:32	2040402	CJH
cis-1,3-Dichloropropene	ND	1.0	0.2	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:32	2040402	CJH
trans-1,3-Dichloropropene	ND	2.0	0.2	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:32	2040402	CJH
Ethylbenzene	ND	2.0	0.3	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:32	2040402	CJH
Ethyl Methacrylate	ND	10	0.6	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:32	2040402	CJH
Hexachlorobutadiene	ND	2.0	1.0	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:32	2040402	CJH
p-Isopropyltoluene	ND	10	0.4	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:32	2040402	CJH
Hexachloroethane	ND	4.0	1.2	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:32	2040402	CJH
Iodomethane	ND	10	0.5	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:32	2040402	CJH
Isopropylbenzene	ND	10	0.4	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:32	2040402	CJH
Methacrylonitrile	ND	5.0	1.4	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:32	2040402	CJH
Methyl Acrylate	ND	10	0.6	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:32	2040402	CJH
Methyl Butyl Ketone (2-Hexanone)	ND	10	1.1	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:32	2040402	CJH
Methylene Chloride	ND	5.0	0.6	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:32	2040402	CJH
Methyl Ethyl Ketone (2-Butanone)	ND	100	1.8	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:32	2040402	CJH
Methyl Methacrylate	ND	10	0.6	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:32	2040402	CJH
4-Methyl-2-pentanone (MIBK)	ND	10	1.1	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:32	2040402	CJH
Methyl-tert-Butyl Ether	ND	10	0.4	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:32	2040402	CJH
Naphthalene	ND	10	0.4	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:32	2040402	CJH



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Attention: Mr. Bob Schoepke

April 19, 2012

Report No.: AVD0263

Project: Tampa, FL

Client ID: MW-2-040912

Lab Number ID: AVD0263-05

Date/Time Sampled: 4/8/2012 12:53:00PM

Date/Time Received: 4/10/2012 10:10:00AM

Matrix: Ground Water

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Volatile Organic Compounds by EPA 8260											
2-Nitropropane	ND	10	1.2	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:32	2040402	CJH
Propionitrile (Ethyl Cyanide)	ND	20	1.6	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:32	2040402	CJH
n-Propylbenzene	ND	10	0.4	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:32	2040402	CJH
Styrene	ND	5.0	0.3	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:32	2040402	CJH
1,1,1,2-Tetrachloroethane	ND	1.3	0.3	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:32	2040402	CJH
1,1,2,2-Tetrachloroethane	ND	1.0	0.4	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:32	2040402	CJH
Tetrachloroethane	ND	2.0	0.4	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:32	2040402	CJH
Toluene	28	2.0	0.4	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:32	2040402	CJH
1,2,3-Trichlorobenzene	ND	10	0.7	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:32	2040402	CJH
1,2,4-Trichlorobenzene	ND	10	0.5	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:32	2040402	CJH
1,1,1-Trichloroethane	ND	2.0	0.3	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:32	2040402	CJH
1,1,2-Trichloroethane	ND	2.0	0.7	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:32	2040402	CJH
Trichloroethene	ND	2.0	0.3	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:32	2040402	CJH
Trichlorofluoromethane	ND	10	0.3	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:32	2040402	CJH
1,2,3-Trichloropropane	ND	1.0	0.7	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:32	2040402	CJH
1,2,4-Trimethylbenzene	ND	10	0.4	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:32	2040402	CJH
1,3,5-Trimethylbenzene	ND	10	0.3	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:32	2040402	CJH
Vinyl Acetate	ND	10	0.2	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:32	2040402	CJH
Vinyl Chloride	ND	1.0	0.2	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:32	2040402	CJH
m+p-Xylene	ND	5.0	0.6	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:32	2040402	CJH
o-Xylene	ND	5.0	0.3	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:32	2040402	CJH
Xylenes, total	ND	5.0	0.6	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 18:32	2040402	CJH
Surrogate: Dibromofluoromethane	92 %	75-123			EPA 8260B			04/12/12 10:30	04/12/12 18:32	2040402	
Surrogate: 1,2-Dichloroethane-d4	93 %	72-120			EPA 8260B			04/12/12 10:30	04/12/12 18:32	2040402	
Surrogate: Toluene-d8	103 %	75-120			EPA 8260B			04/12/12 10:30	04/12/12 18:32	2040402	
Surrogate: 4-Bromofluorobenzene	99 %	80-120			EPA 8260B			04/12/12 10:30	04/12/12 18:32	2040402	



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

Report No.: AVD0263

Client ID: MW-2-040912

Date/Time Sampled: 4/9/2012 12:53:00PM

Matrix: Ground Water

April 19, 2012

Project: Tampa, FL

Lab Number ID: AVD0263-05

Date/Time Received: 4/10/2012 10:10:00AM

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Semivolatile Organic Compounds by EPA 8270											
Acenaphthene	ND	9.4	4.4	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 17:35	2040299	RAC
Acenaphthylene	ND	9.4	4.3	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 17:35	2040299	RAC
Anthracene	ND	9.4	4.1	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 17:35	2040299	RAC
Benzo(a)anthracene	ND	9.4	3.8	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 17:35	2040299	RAC
Benzo(a)pyrene	ND	9.4	4.6	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 17:35	2040299	RAC
Benzo(b)fluoranthene	ND	9.4	4.1	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 17:35	2040299	RAC
Benzo(ghi)perylene	ND	9.4	5.2	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 17:35	2040299	RAC
Benzo(k)fluoranthene	ND	9.4	4.7	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 17:35	2040299	RAC
Benzoic acid	52	47	2.9	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 17:35	2040299	RAC
Benzyl alcohol	ND	19	4.8	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 17:35	2040299	RAC
Benzyl butyl phthalate	ND	9.4	5.9	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 17:35	2040299	RAC
4-Bromophenyl phenyl ether	ND	9.4	4.7	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 17:35	2040299	RAC
Di-n-butyl phthalate	ND	9.4	4.5	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 17:35	2040299	RAC
4-Chloroaniline	ND	19	3.9	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 17:35	2040299	RAC
Bis(2-chloroethoxy)methane	ND	9.4	4.1	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 17:35	2040299	RAC
Bis(2-chloroethyl)ether	ND	9.4	3.1	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 17:35	2040299	RAC
Bis(2-chloroisopropyl)ether	ND	9.4	3.5	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 17:35	2040299	RAC
4-Chloro-3-methylphenol	ND	9.4	5.4	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 17:35	2040299	RAC
2-Chloronaphthalene	ND	9.4	4.0	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 17:35	2040299	RAC
2-Chlorophenol	ND	9.4	3.9	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 17:35	2040299	RAC
4-Chlorophenyl phenyl ether	ND	9.4	3.9	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 17:35	2040299	RAC
Chrysene	ND	9.4	3.7	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 17:35	2040299	RAC
Dibenzo(a,h)anthracene	ND	9.4	4.2	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 17:35	2040299	RAC
Dibenzofuran	ND	9.4	4.3	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 17:35	2040299	RAC
1,2-Dichlorobenzene	ND	9.4	3.1	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 17:35	2040299	RAC
1,3-Dichlorobenzene	ND	9.4	2.7	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 17:35	2040299	RAC
1,4-Dichlorobenzene	ND	9.4	2.7	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 17:35	2040299	RAC
3,3'-Dichlorobenzidine	ND	19	4.7	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 17:35	2040299	RAC
2,4-Dichlorophenol	ND	9.4	5.0	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 17:35	2040299	RAC
Diethyl phthalate	4.2	9.4	3.7	ug/L	EPA 8270D	J	1	04/11/12 09:30	04/12/12 17:35	2040299	RAC
2,4-Dimethylphenol	ND	9.4	4.2	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 17:35	2040299	RAC
Dimethyl phthalate	ND	9.4	3.8	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 17:35	2040299	RAC



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

Attention: Mr. Bob Schoepke

Report No.: AVD0263

Client ID: MW-2-040912

Date/Time Sampled: 4/9/2012 12:53:00PM

Matrix: Ground Water

April 19, 2012

Project: Tampa, FL

Lab Number ID: AVD0263-05

Date/Time Received: 4/10/2012 10:10:00AM

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	47	5.4	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 17:35	2040299	RAC
2,4-Dinitrophenol	ND	47	6.8	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 17:35	2040299	RAC
2,4-Dinitrotoluene	ND	19	4.4	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 17:35	2040299	RAC
2,6-Dinitrotoluene	ND	19	4.4	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 17:35	2040299	RAC
Bis(2-ethylhexyl)phthalate	ND	9.4	5.6	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 17:35	2040299	RAC
Fluoranthene	ND	9.4	4.3	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 17:35	2040299	RAC
Fluorene	ND	9.4	4.1	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 17:35	2040299	RAC
Hexachlorobenzene	ND	9.4	3.7	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 17:35	2040299	RAC
Hexachlorobutadiene	ND	9.4	3.9	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 17:35	2040299	RAC
Hexachlorocyclopentadiene	ND	9.4	5.4	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 17:35	2040299	RAC
Hexachloroethane	ND	9.4	3.2	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 17:35	2040299	RAC
Indeno(1,2,3-cd)pyrene	ND	9.4	4.7	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 17:35	2040299	RAC
Isophorone	ND	9.4	4.2	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 17:35	2040299	RAC
2-Methylnaphthalene	ND	9.4	4.8	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 17:35	2040299	RAC
2-Methylphenol (o-cresol)	ND	9.4	4.7	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 17:35	2040299	RAC
3+4-Methylphenol (m+p-cresol)	62	9.4	5.1	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 17:35	2040299	RAC
Naphthalene	ND	9.4	3.5	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 17:35	2040299	RAC
2-Nitroaniline	ND	47	5.9	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 17:35	2040299	RAC
3-Nitroaniline	ND	47	5.2	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 17:35	2040299	RAC
4-Nitroaniline	ND	47	5.6	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 17:35	2040299	RAC
Nitrobenzene	ND	9.4	3.8	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 17:35	2040299	RAC
2-Nitrophenol	ND	47	4.6	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 17:35	2040299	RAC
4-Nitrophenol	ND	47	4.0	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 17:35	2040299	RAC
N-Nitrosodimethylamine	ND	9.4	2.4	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 17:35	2040299	RAC
N-Nitrosodiphenylamine/Diphenylamine	ND	9.4	3.6	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 17:35	2040299	RAC
N-Nitrosodi-n-propylamine	ND	9.4	5.7	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 17:35	2040299	RAC
Di-n-octyl phthalate	ND	9.4	5.9	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 17:35	2040299	RAC
Pentachlorophenol	ND	19	5.7	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 17:35	2040299	RAC
Phenanthrene	ND	9.4	3.8	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 17:35	2040299	RAC
Phenol	18	9.4	2.7	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 17:35	2040299	RAC
Pyrene	ND	9.4	4.3	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 17:35	2040299	RAC
1,2,4-Trichlorobenzene	ND	9.4	3.1	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 17:35	2040299	RAC



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

April 19, 2012

Report No.: AVD0263

Project: Tampa, FL

Client ID: MW-2-040912

Lab Number ID: AVD0263-05

Date/Time Sampled: 4/9/2012 12:53:00PM

Date/Time Received: 4/10/2012 10:10:00AM

Matrix: Ground Water

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Int.
Semivolatile Organic Compounds by EPA 8270											
2,4,5-Trichlorophenol	ND	9.4	5.5	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 17:35	2040299	RAC
2,4,6-Trichlorophenol	ND	9.4	5.2	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 17:35	2040299	RAC
Surrogate: 2-Fluorophenol	23 %		10-88		EPA 8270D			04/11/12 09:30	04/12/12 17:35	2040299	
Surrogate: Phenol-d8	16 %		10-81		EPA 8270D			04/11/12 09:30	04/12/12 17:35	2040299	
Surrogate: Nitrobenzene-d5	49 %		28-109		EPA 8270D			04/11/12 09:30	04/12/12 17:35	2040299	
Surrogate: 2-Fluorobiphenyl	51 %		38-112		EPA 8270D			04/11/12 09:30	04/12/12 17:35	2040299	
Surrogate: 2,4,6-Tribromophenol	64 %		10-165		EPA 8270D			04/11/12 09:30	04/12/12 17:35	2040299	
Surrogate: p-Terphenyl-d14	50 %		10-142		EPA 8270D			04/11/12 09:30	04/12/12 17:35	2040299	



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

Attention: Mr. Bob Schoepke

April 18, 2012

Report No.: AVD0263

Project: Tampa, FL

Client ID: MW-1-040912

Lab Number ID: AVD0263-06

Date/Time Sampled: 4/9/2012 11:31:00AM

Date/Time Received: 4/10/2012 10:10:00AM

Matrix: Ground Water

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Metals, Total											
Iron	34.9	0.040	0.001	mg/L	EPA 6010C		1	04/11/12 11:30	04/11/12 15:57	2040273	FBS
Manganese	0.918	0.040	0.001	mg/L	EPA 6010C		1	04/11/12 11:30	04/11/12 15:57	2040273	FBS
Volatile Organic Compounds by EPA 8260											
Acetone	5.1	100	3.8	ug/L	EPA 8260B	J	1	04/12/12 10:30	04/12/12 19:02	2040402	CJH
Acrolein	ND	14	2.4	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:02	2040402	CJH
Acrylonitrile	ND	4.0	1.3	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:02	2040402	CJH
Allyl Chloride (3-Chloropropylene)	ND	10	0.6	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:02	2040402	CJH
Benzene	ND	1.0	0.3	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:02	2040402	CJH
Bromobenzene	ND	10	0.4	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:02	2040402	CJH
Bromochloromethane	ND	10	0.4	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:02	2040402	CJH
Bromodichloromethane	ND	1.0	0.2	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:02	2040402	CJH
Bromoform	ND	4.4	0.5	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:02	2040402	CJH
Bromomethane	ND	9.8	1.3	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:02	2040402	CJH
n-Butylbenzene	ND	10	0.2	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:02	2040402	CJH
sec-Butylbenzene	ND	10	0.4	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:02	2040402	CJH
tert-Butylbenzene	ND	10	0.4	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:02	2040402	CJH
Carbon Disulfide	ND	10	0.4	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:02	2040402	CJH
Carbon Tetrachloride	ND	2.0	0.3	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:02	2040402	CJH
Chlorobenzene	ND	10	0.5	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:02	2040402	CJH
1-Chlorobutane	ND	10	0.5	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:02	2040402	CJH
Chloroethane	ND	5.0	0.6	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:02	2040402	CJH
2-Chloroethyl Vinyl Ether	ND	10	0.6	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:02	2040402	CJH
Chloroform	ND	2.0	0.6	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:02	2040402	CJH
Chloromethane	ND	2.7	0.4	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:02	2040402	CJH
2-Chlorotoluene	ND	10	0.4	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:02	2040402	CJH
4-Chlorotoluene	ND	10	0.4	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:02	2040402	CJH
Dibromochloromethane	ND	1.0	0.2	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:02	2040402	CJH
1,2-Dibromo-3-chloropropane	ND	5.0	1.3	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:02	2040402	CJH
1,2-Dibromoethane	ND	2.0	0.3	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:02	2040402	CJH
Dibromomethane	ND	10	0.5	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:02	2040402	CJH
1,2-Dichlorobenzene	ND	10	0.6	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:02	2040402	CJH



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1502 E. Villa Street
Elgin IL, 60120

Attention: Mr. Bob Schoepke

April 19, 2012

Report No.: AVD0263

Project: Tampa, FL

Client ID: MW-1-040912

Lab Number ID: AVD0263-06

Date/Time Sampled: 4/9/2012 11:31:00AM

Date/Time Received: 4/10/2012 10:10:00AM

Matrix: Ground Water

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Volatile Organic Compounds by EPA 8260											
1,3-Dichlorobenzene	ND	10	0.6	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:02	2040402	CJH
1,4-Dichlorobenzene	ND	10	0.6	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:02	2040402	CJH
trans-1,4-Dichloro-2-butene	ND	5.0	1.2	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:02	2040402	CJH
Dichlorodifluoromethane	ND	10	0.5	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:02	2040402	CJH
1,1-Dichloroethane	ND	2.0	0.3	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:02	2040402	CJH
1,2-Dichloroethane	ND	2.0	0.4	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:02	2040402	CJH
1,1-Dichloroethene	ND	2.0	0.4	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:02	2040402	CJH
cis-1,2-Dichloroethene	ND	2.0	0.4	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:02	2040402	CJH
trans-1,2-Dichloroethene	ND	2.0	0.3	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:02	2040402	CJH
1,2-Dichloroethene (total)	ND	2.0	0.4	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:02	2040402	CJH
1,2-Dichloropropane	ND	2.0	0.3	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:02	2040402	CJH
1,3-Dichloropropane	ND	2.0	0.3	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:02	2040402	CJH
2,2-Dichloropropane	ND	10	0.2	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:02	2040402	CJH
1,1-Dichloropropene	ND	10	0.4	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:02	2040402	CJH
cis-1,3-Dichloropropene	ND	1.0	0.2	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:02	2040402	CJH
trans-1,3-Dichloropropene	ND	2.0	0.2	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:02	2040402	CJH
Ethylbenzene	ND	2.0	0.3	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:02	2040402	CJH
Ethyl Methacrylate	ND	10	0.6	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:02	2040402	CJH
Hexachlorobutadiene	ND	2.0	1.0	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:02	2040402	CJH
p-Isopropyltoluene	ND	10	0.4	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:02	2040402	CJH
Hexachloroethane	ND	4.0	1.2	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:02	2040402	CJH
Iodomethane	ND	10	0.5	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:02	2040402	CJH
Isopropylbenzene	ND	10	0.4	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:02	2040402	CJH
Methacrylonitrile	ND	5.0	1.4	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:02	2040402	CJH
Methyl Acrylate	ND	10	0.6	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:02	2040402	CJH
Methyl Butyl Ketone (2-Hexanone)	ND	10	1.1	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:02	2040402	CJH
Methylene Chloride	ND	5.0	0.6	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:02	2040402	CJH
Methyl Ethyl Ketone (2-Butanone)	ND	100	1.8	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:02	2040402	CJH
Methyl Methacrylate	ND	10	0.6	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:02	2040402	CJH
4-Methyl-2-pentanone (MIBK)	ND	10	1.1	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:02	2040402	CJH
Methyl-tert-Butyl Ether	ND	10	0.4	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:02	2040402	CJH
Naphthalene	ND	10	0.4	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:02	2040402	CJH



ANALYTICAL SERVICES, INC.

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

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

Attention: Mr. Bob Schoepke

Report No.: AVD0263

Client ID: MW-1-040912

Date/Time Sampled: 4/8/2012 11:31:00AM

Matrix: Ground Water

April 19, 2012

Project: Tampa, FL

Lab Number ID: AVD0263-06

Date/Time Received: 4/10/2012 10:10:00AM

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Volatile Organic Compounds by EPA 8260											
2-Nitropropane	ND	10	1.2	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:02	2040402	CJH
Propionitrile (Ethyl Cyanide)	ND	20	1.6	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:02	2040402	CJH
n-Propylbenzene	ND	10	0.4	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:02	2040402	CJH
Styrene	ND	5.0	0.3	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:02	2040402	CJH
1,1,1,2-Tetrachloroethane	ND	1.3	0.3	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:02	2040402	CJH
1,1,2,2-Tetrachloroethane	ND	1.0	0.4	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:02	2040402	CJH
Tetrachloroethene	ND	2.0	0.4	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:02	2040402	CJH
Toluene	0.7	2.0	0.4	ug/L	EPA 8260B	J	1	04/12/12 10:30	04/12/12 19:02	2040402	CJH
1,2,3-Trichlorobenzene	ND	10	0.7	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:02	2040402	CJH
1,2,4-Trichlorobenzene	ND	10	0.5	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:02	2040402	CJH
1,1,1-Trichloroethane	ND	2.0	0.3	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:02	2040402	CJH
1,1,2-Trichloroethane	ND	2.0	0.7	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:02	2040402	CJH
Trichloroethene	ND	2.0	0.3	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:02	2040402	CJH
Trichlorofluoromethane	ND	10	0.3	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:02	2040402	CJH
1,2,3-Trichloropropane	ND	1.0	0.7	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:02	2040402	CJH
1,2,4-Trimethylbenzene	ND	10	0.4	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:02	2040402	CJH
1,3,5-Trimethylbenzene	ND	10	0.3	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:02	2040402	CJH
Vinyl Acetate	ND	10	0.2	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:02	2040402	CJH
Vinyl Chloride	ND	1.0	0.2	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:02	2040402	CJH
m+p-Xylene	ND	5.0	0.6	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:02	2040402	CJH
o-Xylene	ND	5.0	0.3	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:02	2040402	CJH
Xylenes, total	ND	5.0	0.6	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:02	2040402	CJH
Surrogate: Dibromofluoromethane	94 %	75-123			EPA 8260B			04/12/12 10:30	04/12/12 19:02	2040402	
Surrogate: 1,2-Dichloroethane-d4	93 %	72-120			EPA 8260B			04/12/12 10:30	04/12/12 19:02	2040402	
Surrogate: Toluene-d8	102 %	75-120			EPA 8260B			04/12/12 10:30	04/12/12 19:02	2040402	
Surrogate: 4-Bromofluorobenzene	99 %	80-120			EPA 8260B			04/12/12 10:30	04/12/12 19:02	2040402	



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Matrix: Ground Water

April 19, 2012

Project: Tampa, FL

Lab Number ID: AVD0263-06

Date/Time Received: 4/10/2012 10:10:00AM

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Int.
Semivolatile Organic Compounds by EPA 8270											
Acenaphthene	ND	9.4	4.4	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 17:13	2040299	RAC
Acenaphthylene	ND	9.4	4.3	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 17:13	2040299	RAC
Anthracene	ND	9.4	4.1	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 17:13	2040299	RAC
Benzo(a)anthracene	ND	9.4	3.8	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 17:13	2040299	RAC
Benzo(a)pyrene	ND	9.4	4.6	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 17:13	2040299	RAC
Benzo(b)fluoranthene	ND	9.4	4.1	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 17:13	2040299	RAC
Benzo(ghi)perylene	ND	9.4	5.2	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 17:13	2040299	RAC
Benzo(k)fluoranthene	ND	9.4	4.7	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 17:13	2040299	RAC
Benzic acid	ND	47	2.9	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 17:13	2040299	RAC
Benzyl alcohol	ND	19	4.8	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 17:13	2040299	RAC
Benzyl butyl phthalate	ND	9.4	5.9	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 17:13	2040299	RAC
4-Bromophenyl phenyl ether	ND	9.4	4.7	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 17:13	2040299	RAC
Di-n-butyl phthalate	ND	9.4	4.5	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 17:13	2040299	RAC
4-Chloroaniline	ND	19	3.9	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 17:13	2040299	RAC
Bis(2-chloroethoxy)methane	ND	9.4	4.1	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 17:13	2040299	RAC
Bis(2-chloroethyl)ether	ND	9.4	3.1	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 17:13	2040299	RAC
Bis(2-chloroisopropyl)ether	ND	9.4	3.5	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 17:13	2040299	RAC
4-Chloro-3-methylphenol	ND	9.4	5.4	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 17:13	2040299	RAC
2-Chloronaphthalene	ND	9.4	4.0	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 17:13	2040299	RAC
2-Chlorophenol	ND	9.4	3.9	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 17:13	2040299	RAC
4-Chlorophenyl phenyl ether	ND	9.4	3.9	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 17:13	2040299	RAC
Chrysene	ND	9.4	3.7	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 17:13	2040299	RAC
Dibenzo(a,h)anthracene	ND	9.4	4.2	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 17:13	2040299	RAC
Dibenzofuran	ND	9.4	4.3	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 17:13	2040299	RAC
1,2-Dichlorobenzene	ND	9.4	3.1	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 17:13	2040299	RAC
1,3-Dichlorobenzene	ND	9.4	2.7	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 17:13	2040299	RAC
1,4-Dichlorobenzene	ND	9.4	2.7	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 17:13	2040299	RAC
3,3'-Dichlorobenzidine	ND	19	4.7	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 17:13	2040299	RAC
2,4-Dichlorophenol	ND	9.4	5.0	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 17:13	2040299	RAC
Diethyl phthalate	ND	9.4	3.7	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 17:13	2040299	RAC
2,4-Dimethylphenol	ND	9.4	4.2	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 17:13	2040299	RAC
Dimethyl phthalate	ND	9.4	3.8	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 17:13	2040299	RAC



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April 19, 2012

Report No.: AVD0283

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Lab Number ID: AVD0283-06

Date/Time Sampled: 4/9/2012 11:31:00AM

Date/Time Received: 4/10/2012 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	47	5.4	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 17:13	2040299	RAC
2,4-Dinitrophenol	ND	47	6.8	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 17:13	2040299	RAC
2,4-Dinitrotoluene	ND	19	4.4	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 17:13	2040299	RAC
2,6-Dinitrotoluene	ND	19	4.4	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 17:13	2040299	RAC
Bis(2-ethylhexyl)phthalate	ND	9.4	5.6	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 17:13	2040299	RAC
Fluoranthene	ND	9.4	4.3	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 17:13	2040299	RAC
Fluorene	ND	9.4	4.1	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 17:13	2040299	RAC
Hexachlorobenzene	ND	9.4	3.7	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 17:13	2040299	RAC
Hexachlorobutadiene	ND	9.4	3.9	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 17:13	2040299	RAC
Hexachlorocyclopentadiene	ND	9.4	5.4	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 17:13	2040299	RAC
Hexachloroethane	ND	9.4	3.2	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 17:13	2040299	RAC
Indeno(1,2,3-cd)pyrene	ND	9.4	4.7	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 17:13	2040299	RAC
Isophorone	ND	9.4	4.2	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 17:13	2040299	RAC
2-Methylnaphthalene	ND	9.4	4.8	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 17:13	2040299	RAC
2-Methylphenol (o-cresol)	ND	9.4	4.7	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 17:13	2040299	RAC
3+4-Methylphenol (m+p-cresol)	ND	9.4	5.1	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 17:13	2040299	RAC
Naphthalene	ND	9.4	3.5	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 17:13	2040299	RAC
2-Nitroaniline	ND	47	5.9	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 17:13	2040299	RAC
3-Nitroaniline	ND	47	5.2	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 17:13	2040299	RAC
4-Nitroaniline	ND	47	5.6	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 17:13	2040299	RAC
Nitrobenzene	ND	9.4	3.8	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 17:13	2040299	RAC
2-Nitrophenol	ND	47	4.6	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 17:13	2040299	RAC
4-Nitrophenol	ND	47	4.0	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 17:13	2040299	RAC
N-Nitrosodimethylamine	ND	9.4	2.4	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 17:13	2040299	RAC
N-Nitrosodiphenylamine/Diphenylamine	ND	9.4	3.6	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 17:13	2040299	RAC
N-Nitrosodi-n-propylamine	ND	9.4	5.7	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 17:13	2040299	RAC
Di-n-octyl phthalate	ND	9.4	5.9	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 17:13	2040299	RAC
Pentachlorophenol	ND	19	5.7	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 17:13	2040299	RAC
Phenanthrene	ND	9.4	3.8	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 17:13	2040299	RAC
Phenol	ND	9.4	2.7	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 17:13	2040299	RAC
Pyrene	ND	9.4	4.3	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 17:13	2040299	RAC
1,2,4-Trichlorobenzene	ND	9.4	3.1	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 17:13	2040299	RAC



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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	9.4	5.5	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 17:13	2040299	RAC
2,4,6-Trichlorophenol	ND	9.4	5.2	ug/L	EPA 8270D		1	04/11/12 09:30	04/12/12 17:13	2040299	RAC
Surrogate: 2-Fluorophenol	32 %		10-88		EPA 8270D			04/11/12 09:30	04/12/12 17:13	2040299	
Surrogate: Phenol-d6	23 %		10-81		EPA 8270D			04/11/12 09:30	04/12/12 17:13	2040299	
Surrogate: Nitrobenzene-d5	61 %		28-109		EPA 8270D			04/11/12 09:30	04/12/12 17:13	2040299	
Surrogate: 2-Fluorobiphenyl	77 %		38-112		EPA 8270D			04/11/12 09:30	04/12/12 17:13	2040299	
Surrogate: 2,4,6-Tribromophenol	80 %		10-165		EPA 8270D			04/11/12 09:30	04/12/12 17:13	2040299	
Surrogate: p-Terphenyl-d14	76 %		10-142		EPA 8270D			04/11/12 09:30	04/12/12 17:13	2040299	



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

Report No.: AVD0263

Client ID: Trip Blank

Date/Time Sampled: 4/9/2012 12:00:00AM

Matrix: Water

April 19, 2012

Project: Tampa, FL

Lab Number ID: AVD0263-07

Date/Time Received: 4/10/2012 10:10:00AM

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Volatile Organic Compounds by EPA 8260											
Acetone	ND	100	3.8	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:32	2040402	CJH
Acrolein	ND	14	2.4	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:32	2040402	CJH
Acrylonitrile	ND	4.0	1.3	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:32	2040402	CJH
Allyl Chloride (3-Chloropropylene)	ND	10	0.6	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:32	2040402	CJH
Benzene	ND	1.0	0.3	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:32	2040402	CJH
Bromobenzene	ND	10	0.4	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:32	2040402	CJH
Bromochloromethane	ND	10	0.4	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:32	2040402	CJH
Bromodichloromethane	ND	1.0	0.2	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:32	2040402	CJH
Bromoform	ND	4.4	0.5	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:32	2040402	CJH
Bromomethane	ND	9.8	1.3	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:32	2040402	CJH
n-Butylbenzene	ND	10	0.2	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:32	2040402	CJH
sec-Butylbenzene	ND	10	0.4	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:32	2040402	CJH
tert-Butylbenzene	ND	10	0.4	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:32	2040402	CJH
Carbon Disulfide	ND	10	0.4	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:32	2040402	CJH
Carbon Tetrachloride	ND	2.0	0.3	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:32	2040402	CJH
Chlorobenzene	ND	10	0.5	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:32	2040402	CJH
1-Chlorobutane	ND	10	0.5	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:32	2040402	CJH
Chloroethane	ND	5.0	0.6	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:32	2040402	CJH
2-Chloroethyl Vinyl Ether	ND	10	0.6	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:32	2040402	CJH
Chloroform	ND	2.0	0.6	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:32	2040402	CJH
Chloromethane	ND	2.7	0.4	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:32	2040402	CJH
2-Chlorotoluene	ND	10	0.4	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:32	2040402	CJH
4-Chlorotoluene	ND	10	0.4	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:32	2040402	CJH
Dibromochloromethane	ND	1.0	0.2	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:32	2040402	CJH
1,2-Dibromo-3-chloropropane	ND	5.0	1.3	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:32	2040402	CJH
1,2-Dibromoethane	ND	2.0	0.3	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:32	2040402	CJH
Dibromomethane	ND	10	0.5	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:32	2040402	CJH
1,2-Dichlorobenzene	ND	10	0.6	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:32	2040402	CJH
1,3-Dichlorobenzene	ND	10	0.6	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:32	2040402	CJH
1,4-Dichlorobenzene	ND	10	0.6	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:32	2040402	CJH
trans-1,4-Dichloro-2-butene	ND	5.0	1.2	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:32	2040402	CJH
Dichlorodifluoromethane	ND	10	0.5	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:32	2040402	CJH



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

Attention: Mr. Bob Schoepke

April 19, 2012

Report No.: AVD0263

Project: Tampa, FL

Client ID: Trip Blank

Lab Number ID: AVD0263-07

Date/Time Sampled: 4/9/2012 12:00:00AM

Date/Time Received: 4/10/2012 10:10:00AM

Matrix: Water

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Volatile Organic Compounds by EPA 8260											
1,1-Dichloroethane	ND	2.0	0.3	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:32	2040402	CJH
1,2-Dichloroethane	ND	2.0	0.4	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:32	2040402	CJH
1,1-Dichloroethene	ND	2.0	0.4	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:32	2040402	CJH
cis-1,2-Dichloroethene	ND	2.0	0.4	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:32	2040402	CJH
trans-1,2-Dichloroethene	ND	2.0	0.3	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:32	2040402	CJH
1,2-Dichloroethene (total)	ND	2.0	0.4	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:32	2040402	CJH
1,2-Dichloropropane	ND	2.0	0.3	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:32	2040402	CJH
1,3-Dichloropropane	ND	2.0	0.3	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:32	2040402	CJH
2,2-Dichloropropane	ND	10	0.2	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:32	2040402	CJH
1,1-Dichloropropene	ND	10	0.4	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:32	2040402	CJH
cis-1,3-Dichloropropene	ND	1.0	0.2	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:32	2040402	CJH
trans-1,3-Dichloropropene	ND	2.0	0.2	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:32	2040402	CJH
Ethylbenzene	ND	2.0	0.3	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:32	2040402	CJH
Ethyl Methacrylate	ND	10	0.6	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:32	2040402	CJH
Hexachlorobutadiene	ND	2.0	1.0	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:32	2040402	CJH
p-Isopropyltoluene	ND	10	0.4	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:32	2040402	CJH
Hexachloroethane	ND	4.0	1.2	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:32	2040402	CJH
Iodomethane	ND	10	0.5	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:32	2040402	CJH
Isopropylbenzene	ND	10	0.4	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:32	2040402	CJH
Methacrylonitrile	ND	5.0	1.4	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:32	2040402	CJH
Methyl Acrylate	ND	10	0.6	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:32	2040402	CJH
Methyl Butyl Ketone (2-Hexanone)	ND	10	1.1	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:32	2040402	CJH
Methylene Chloride	ND	5.0	0.6	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:32	2040402	CJH
Methyl Ethyl Ketone (2-Butanone)	ND	100	1.8	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:32	2040402	CJH
Methyl Methacrylate	ND	10	0.6	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:32	2040402	CJH
4-Methyl-2-pentanone (MIBK)	ND	10	1.1	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:32	2040402	CJH
Methyl-tert-Butyl Ether	ND	10	0.4	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:32	2040402	CJH
Naphthalene	ND	10	0.4	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:32	2040402	CJH
2-Nitropropane	ND	10	1.2	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:32	2040402	CJH
Propionitrile (Ethyl Cyanide)	ND	20	1.6	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:32	2040402	CJH
n-Propylbenzene	ND	10	0.4	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:32	2040402	CJH
Styrene	ND	5.0	0.3	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:32	2040402	CJH



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

Attention: Mr. Bob Schoepke

April 19, 2012

Report No.: AVD0263

Project: Tampa, FL

Client ID: Trip Blank

Lab Number ID: AVD0263-07

Date/Time Sampled: 4/9/2012 12:00:00AM

Date/Time Received: 4/10/2012 10:10:00AM

Matrix: Water

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Volatile Organic Compounds by EPA 8260											
1,1,1,2-Tetrachloroethane	ND	1.3	0.3	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:32	2040402	CJH
1,1,2,2-Tetrachloroethane	ND	1.0	0.4	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:32	2040402	CJH
Tetrachloroethene	ND	2.0	0.4	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:32	2040402	CJH
Toluene	ND	2.0	0.4	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:32	2040402	CJH
1,2,3-Trichlorobenzene	ND	10	0.7	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:32	2040402	CJH
1,2,4-Trichlorobenzene	ND	10	0.5	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:32	2040402	CJH
1,1,1-Trichloroethane	ND	2.0	0.3	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:32	2040402	CJH
1,1,2-Trichloroethane	ND	2.0	0.7	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:32	2040402	CJH
Trichloroethene	ND	2.0	0.3	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:32	2040402	CJH
Trichlorofluoromethane	ND	10	0.3	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:32	2040402	CJH
1,2,3-Trichloropropane	ND	1.0	0.7	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:32	2040402	CJH
1,2,4-Trimethylbenzene	ND	10	0.4	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:32	2040402	CJH
1,3,5-Trimethylbenzene	ND	10	0.3	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:32	2040402	CJH
Vinyl Acetate	ND	10	0.2	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:32	2040402	CJH
Vinyl Chloride	ND	1.0	0.2	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:32	2040402	CJH
m+p-Xylene	ND	5.0	0.6	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:32	2040402	CJH
o-Xylene	ND	5.0	0.3	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:32	2040402	CJH
Xylenes, total	ND	5.0	0.6	ug/L	EPA 8260B		1	04/12/12 10:30	04/12/12 19:32	2040402	CJH
Surrogate: Dibromofluoromethane	94 %	75-123			EPA 8260B			04/12/12 10:30	04/12/12 19:32	2040402	
Surrogate: 1,2-Dichloroethane-d4	92 %	72-120			EPA 8260B			04/12/12 10:30	04/12/12 19:32	2040402	
Surrogate: Toluene-d8	102 %	75-120			EPA 8260B			04/12/12 10:30	04/12/12 19:32	2040402	
Surrogate: 4-Bromofluorobenzene	100 %	80-120			EPA 8260B			04/12/12 10:30	04/12/12 19:32	2040402	



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Elgin IL, 60120

Attention: Mr. Bob Schoepke

April 19, 2012

Report No.: AVD0263

Metals, Total - Quality Control

Analyte	Result	RL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2040273 - EPA 3010A											
Blank (2040273-BLK1)						Prepared & Analyzed: 04/11/12					
Iron	ND	0.040	0.001	mg/L							
Manganese	ND	0.040	0.001	mg/L							
LCS (2040273-BS1)						Prepared & Analyzed: 04/11/12					
Iron	1.02	0.040	0.001	mg/L	1.0000		102	80-120			
Manganese	1.01	0.040	0.001	mg/L	1.0000		101	80-120			
Matrix Spike (2040273-MS1)						Source: AVD0263-01		Prepared & Analyzed: 04/11/12			
Iron	1.03	0.040	0.001	mg/L	1.0000	0.002	103	75-125			
Manganese	1.02	0.040	0.001	mg/L	1.0000	ND	102	75-125			
Matrix Spike Dup (2040273-MSD1)						Source: AVD0263-01		Prepared & Analyzed: 04/11/12			
Iron	1.02	0.040	0.001	mg/L	1.0000	0.002	102	75-125	0.7	20	
Manganese	1.01	0.040	0.001	mg/L	1.0000	ND	101	75-125	0.6	20	
Post Spike (2040273-PS1)						Source: AVD0263-01		Prepared & Analyzed: 04/11/12			
Iron	1.02			mg/L	1.0000	0.002	102	80-120			
Manganese	1.01			mg/L	1.0000	ND	101	80-120			



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Elgin IL, 60120

Attention: Mr. Bob Schoepke

April 19, 2012

Report No.: AVD0263

Volatile Organic Compounds by EPA 8260 - Quality Control

Analyte	Result	RL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2040402 - EPA 5030B											
Blank (2040402-BLK1)						Prepared & Analyzed: 04/12/12					
Acetone	ND	100	3.8	ug/L							
Acrolein	ND	14	2.4	ug/L							
Acrylonitrile	ND	4.0	1.3	ug/L							
Allyl Chloride (3-Chloropropylene)	ND	10	0.6	ug/L							
Benzene	ND	1.0	0.3	ug/L							
Bromobenzene	ND	10	0.4	ug/L							
Bromochloromethane	ND	10	0.4	ug/L							
Bromodichloromethane	ND	1.0	0.2	ug/L							
Bromoform	ND	4.4	0.5	ug/L							
Bromomethane	ND	9.8	1.3	ug/L							
n-Butylbenzene	ND	10	0.2	ug/L							
sec-Butylbenzene	ND	10	0.4	ug/L							
tert-Butylbenzene	ND	10	0.4	ug/L							
Carbon Disulfide	ND	10	0.4	ug/L							
Carbon Tetrachloride	ND	2.0	0.3	ug/L							
Chlorobenzene	ND	10	0.5	ug/L							
1-Chlorobutane	ND	10	0.5	ug/L							
Chloroethane	ND	5.0	0.6	ug/L							
2-Chloroethyl Vinyl Ether	ND	10	0.6	ug/L							
Chloroform	ND	2.0	0.6	ug/L							
Chloromethane	ND	2.7	0.4	ug/L							
2-Chlorotoluene	ND	10	0.4	ug/L							
4-Chlorotoluene	ND	10	0.4	ug/L							
Dibromochloromethane	ND	1.0	0.2	ug/L							
1,2-Dibromo-3-chloropropane	ND	5.0	1.3	ug/L							
1,2-Dibromoethane	ND	2.0	0.3	ug/L							
Dibromomethane	ND	10	0.5	ug/L							
1,2-Dichlorobenzene	ND	10	0.6	ug/L							
1,3-Dichlorobenzene	ND	10	0.6	ug/L							
1,4-Dichlorobenzene	ND	10	0.6	ug/L							
trans-1,4-Dichloro-2-butene	ND	5.0	1.2	ug/L							
Dichlorodifluoromethane	ND	10	0.5	ug/L							
1,1-Dichloroethane	ND	2.0	0.3	ug/L							
1,2-Dichloroethane	ND	2.0	0.4	ug/L							
1,1-Dichloroethene	ND	2.0	0.4	ug/L							
cis-1,2-Dichloroethene	ND	2.0	0.4	ug/L							
trans-1,2-Dichloroethene	ND	2.0	0.3	ug/L							
1,2-Dichloroethene (total)	ND	2.0	0.4	ug/L							
1,2-Dichloropropane	ND	2.0	0.3	ug/L							



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Elgin IL, 60120

April 19, 2012

Attention: Mr. Bob Schoepke

Report No.: AVD0263

Volatile Organic Compounds by EPA 8260 - Quality Control

Analyte	Result	RL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2040402 - EPA 5030B											
Blank (2040402-BLK1)						Prepared & Analyzed: 04/12/12					
1,3-Dichloropropane	ND	2.0	0.3	ug/L							
2,2-Dichloropropane	ND	10	0.2	ug/L							
1,1-Dichloropropane	ND	10	0.4	ug/L							
cis-1,3-Dichloropropene	ND	1.0	0.2	ug/L							
trans-1,3-Dichloropropene	ND	2.0	0.2	ug/L							
Ethylbenzene	ND	2.0	0.3	ug/L							
Ethyl Methacrylate	ND	10	0.6	ug/L							
Hexachlorobutadiene	ND	2.0	1.0	ug/L							
p-Isopropyltoluene	ND	10	0.4	ug/L							
Hexachloroethane	ND	4.0	1.2	ug/L							
Iodomethane	ND	10	0.5	ug/L							
Isopropylbenzene	ND	10	0.4	ug/L							
Methacrylonitrile	ND	5.0	1.4	ug/L							
Methyl Acrylate	ND	10	0.6	ug/L							
Methyl Butyl Ketone (2-Hexanone)	ND	10	1.1	ug/L							
Methylene Chloride	ND	5.0	0.6	ug/L							
Methyl Ethyl Ketone (2-Butanone)	ND	100	1.8	ug/L							
Methyl Methacrylate	ND	10	0.6	ug/L							
4-Methyl-2-pentanone (MIBK)	ND	10	1.1	ug/L							
Methyl-tert-Butyl Ether	ND	10	0.4	ug/L							
Naphthalene	ND	10	0.4	ug/L							
2-Nitropropane	ND	10	1.2	ug/L							
Propionitrile (Ethyl Cyanide)	ND	20	1.6	ug/L							
n-Propylbenzene	ND	10	0.4	ug/L							
Styrene	ND	5.0	0.3	ug/L							
1,1,1,2-Tetrachloroethane	ND	1.3	0.3	ug/L							
1,1,2,2-Tetrachloroethane	ND	1.0	0.4	ug/L							
Tetrachloroethene	ND	2.0	0.4	ug/L							
Toluene	ND	2.0	0.4	ug/L							
1,2,3-Trichlorobenzene	ND	10	0.7	ug/L							
1,2,4-Trichlorobenzene	ND	10	0.5	ug/L							
1,1,1-Trichloroethane	ND	2.0	0.3	ug/L							
1,1,2-Trichloroethane	ND	2.0	0.7	ug/L							
Trichloroethene	ND	2.0	0.3	ug/L							
Trichlorofluoromethane	ND	10	0.3	ug/L							
1,2,3-Trichloropropane	ND	1.0	0.7	ug/L							
1,2,4-Trimethylbenzene	ND	10	0.4	ug/L							
1,3,5-Trimethylbenzene	ND	10	0.3	ug/L							
Vinyl Acetate	ND	10	0.2	ug/L							



ANALYTICAL SERVICES, INC.

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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

April 19, 2012

Report No.: AVD0263

Volatile Organic Compounds by EPA 8260 - Quality Control

Analyte	Result	RL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2040402 - EPA 5030B											
Blank (2040402-BLK1)						Prepared & Analyzed: 04/12/12					
Vinyl Chloride	ND	1.0	0.2	ug/L							
m+p-Xylene	ND	5.0	0.6	ug/L							
o-Xylene	ND	5.0	0.3	ug/L							
Xylenes, total	ND	5.0	0.6	ug/L							
Surrogate: Dibromofluoromethane	49			ug/L	50.000		98	75-123			
Surrogate: 1,2-Dichloroethane-d4	52			ug/L	50.000		104	72-120			
Surrogate: Toluene-d8	51			ug/L	50.000		103	75-120			
Surrogate: 4-Bromofluorobenzene	51			ug/L	50.000		102	80-120			
LCS (2040402-BS1)						Prepared & Analyzed: 04/12/12					
Benzene	50			ug/L	50.000		101	80-120			
Chlorobenzene	48			ug/L	50.000		96	80-120			
1,1-Dichloroethene	60			ug/L	50.000		121	77-121			
Toluene	50			ug/L	50.000		101	78-120			
Trichloroethene	53			ug/L	50.000		106	80-122			
Surrogate: Dibromofluoromethane	48			ug/L	50.000		96	75-123			
Surrogate: 1,2-Dichloroethane-d4	50			ug/L	50.000		100	72-120			
Surrogate: Toluene-d8	51			ug/L	50.000		103	75-120			
Surrogate: 4-Bromofluorobenzene	50			ug/L	50.000		101	80-120			
Matrix Spike (2040402-MS1)						Source: AVD0263-01	Prepared & Analyzed: 04/12/12				
Benzene	52			ug/L	50.000	ND	104	80-123			
Chlorobenzene	49			ug/L	50.000	ND	96	75-120			
1,1-Dichloroethene	58			ug/L	50.000	ND	117	80-120			
Toluene	52			ug/L	50.000	ND	104	80-120			
Trichloroethene	54			ug/L	50.000	ND	107	80-125			
Surrogate: Dibromofluoromethane	46			ug/L	50.000		91	75-123			
Surrogate: 1,2-Dichloroethane-d4	47			ug/L	50.000		93	72-120			
Surrogate: Toluene-d8	52			ug/L	50.000		103	75-120			
Surrogate: 4-Bromofluorobenzene	50			ug/L	50.000		99	80-120			



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Attention: Mr. Bob Schoepke

April 19, 2012

Report No.: AVD0263

Volatile Organic Compounds by EPA 8260 - Quality Control

Analyte	Result	RL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2040402 - EPA 5030B											
Matrix Spike Dup (2040402-MSD1)				Source: AVD0263-01			Prepared & Analyzed: 04/12/12				
Benzene	51			ug/L	50.000	ND	102	80-123	2	9	
Chlorobenzene	48			ug/L	50.000	ND	95	75-120	3	13	
1,1-Dichloroethene	56			ug/L	50.000	ND	112	80-120	4	9	
Toluene	50			ug/L	50.000	ND	101	80-120	4	9	
Trichloroethene	52			ug/L	50.000	ND	104	80-125	3	11	
Surrogate: Dibromofluoromethane	46			ug/L	50.000		91	75-123			
Surrogate: 1,2-Dichloroethane-d4	47			ug/L	50.000		93	72-120			
Surrogate: Toluene-d8	51			ug/L	50.000		102	75-120			
Surrogate: 4-Bromofluorobenzene	50			ug/L	50.000		100	80-120			



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April 19, 2012

Report No.: AVD0263

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 2040299 - EPA 3510C											
Blank (2040299-BLK1)						Prepared: 04/11/12 Analyzed: 04/12/12					
Acenaphthene	ND	10	4.7	ug/L							
Acenaphthylene	ND	10	4.6	ug/L							
Anthracene	ND	10	4.3	ug/L							
Benzo(a)anthracene	ND	10	4.1	ug/L							
Benzo(a)pyrene	ND	10	4.8	ug/L							
Benzo(b)fluoranthene	ND	10	4.4	ug/L							
Benzo(ghi)perylene	ND	10	5.5	ug/L							
Benzo(k)fluoranthene	ND	10	5.0	ug/L							
Benzoic acid	ND	50	3.1	ug/L							
Benzyl alcohol	ND	20	5.1	ug/L							
Benzyl butyl phthalate	ND	10	6.3	ug/L							
4-Bromophenyl phenyl ether	ND	10	5.0	ug/L							
Di-n-butyl phthalate	ND	10	4.8	ug/L							
4-Chloroaniline	ND	20	4.1	ug/L							
Bis(2-chloroethoxy)methane	ND	10	4.4	ug/L							
Bis(2-chloroethyl)ether	ND	10	3.3	ug/L							
Bis(2-chloroisopropyl)ether	ND	10	3.7	ug/L							
4-Chloro-3-methylphenol	ND	10	5.7	ug/L							
2-Chloronaphthalene	ND	10	4.2	ug/L							
2-Chlorophenol	ND	10	4.1	ug/L							
4-Chlorophenyl phenyl ether	ND	10	4.2	ug/L							
Chrysene	ND	10	4.0	ug/L							
Dibenzo(a,h)anthracene	ND	10	4.5	ug/L							
Dibenzofuran	ND	10	4.5	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	2.8	ug/L							
3,3'-Dichlorobenzidine	ND	20	5.0	ug/L							
2,4-Dichlorophenol	ND	10	5.3	ug/L							
Diethyl phthalate	ND	10	3.9	ug/L							
2,4-Dimethylphenol	ND	10	4.4	ug/L							
Dimethyl phthalate	ND	10	4.0	ug/L							
4,6-Dinitro-2-methylphenol	ND	50	5.8	ug/L							
2,4-Dinitrophenol	ND	50	7.2	ug/L							
2,4-Dinitrotoluene	ND	20	4.7	ug/L							
2,6-Dinitrotoluene	ND	20	4.6	ug/L							
Bis(2-ethylhexyl)phthalate	ND	10	5.9	ug/L							
Fluoranthene	ND	10	4.5	ug/L							
Fluorene	ND	10	4.4	ug/L							



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April 19, 2012

Report No.: AVD0263

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 2040299 - EPA 3510C											
Blank (2040299-BLK1)						Prepared: 04/11/12 Analyzed: 04/12/12					
Hexachlorobenzene	ND	10	3.9	ug/L							
Hexachlorobutadiene	ND	10	4.2	ug/L							
Hexachlorocyclopentadiene	ND	10	5.8	ug/L							
Hexachloroethane	ND	10	3.4	ug/L							
Indeno(1,2,3-cd)pyrene	ND	10	5.0	ug/L							
Isophorone	ND	10	4.4	ug/L							
2-Methylnaphthalene	ND	10	5.1	ug/L							
2-Methylphenol (o-cresol)	ND	10	5.0	ug/L							
3+4-Methylphenol (m+p-cresol)	ND	10	5.4	ug/L							
Naphthalene	ND	10	3.7	ug/L							
2-Nitroaniline	ND	50	6.3	ug/L							
3-Nitroaniline	ND	50	5.5	ug/L							
4-Nitroaniline	ND	50	5.9	ug/L							
Nitrobenzene	ND	10	4.1	ug/L							
2-Nitrophenol	ND	50	4.9	ug/L							
4-Nitrophenol	ND	50	4.2	ug/L							
N-Nitrosodimethylamine	ND	10	2.5	ug/L							
N-Nitrosodiphenylamine/Diphenylamine	ND	10	3.8	ug/L							
N-Nitrosodi-n-propylamine	ND	10	6.1	ug/L							
Di-n-octyl phthalate	ND	10	6.3	ug/L							
Pentachlorophenol	ND	20	6.0	ug/L							
Phenanthrene	ND	10	4.0	ug/L							
Phenol	ND	10	2.9	ug/L							
Pyrene	ND	10	4.5	ug/L							
1,2,4-Trichlorobenzene	ND	10	3.3	ug/L							
2,4,5-Trichlorophenol	ND	10	5.9	ug/L							
2,4,6-Trichlorophenol	ND	10	5.5	ug/L							
Surrogate: 2-Fluorophenol	36.82			ug/L	100.00		37	10-88			
Surrogate: Phenol-d6	24.73			ug/L	100.00		25	10-61			
Surrogate: Nitrobenzene-d5	32.13			ug/L	50.000		64	28-109			
Surrogate: 2-Fluorobiphenyl	36.64			ug/L	50.000		73	38-112			
Surrogate: 2,4,6-Tribromophenol	61.41			ug/L	100.00		61	10-165			
Surrogate: p-Terphenyl-d14	42.09			ug/L	50.000		84	10-142			



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Elgin IL, 60120

Attention: Mr. Bob Schoepke

April 19, 2012

Report No.: AVD0263

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 2040299 - EPA 3510C											
LCS (2040299-BS1)						Prepared: 04/11/12 Analyzed: 04/12/12					
Acenaphthene	54	10	4.7	ug/L	80.000		68	44-115			
4-Chloro-3-methylphenol	55	10	5.7	ug/L	80.000		69	38-123			
2-Chlorophenol	38	10	4.1	ug/L	80.000		47	35-111			
1,4-Dichlorobenzene	38	10	2.8	ug/L	80.000		45	37-94			
2,4-Dinitrotoluene	68	20	4.7	ug/L	80.000		83	28-118			
4-Nitrophenol	24	50	4.2	ug/L	80.000		30	10-52			J
N-Nitrosodi-n-propylamine	46	10	6.1	ug/L	80.000		58	40-110			
Pentachlorophenol	60	20	6.0	ug/L	80.000		75	31-134			
Phenol	15	10	2.9	ug/L	80.000		19	13-47			
Pyrene	61	10	4.5	ug/L	80.000		77	48-136			
1,2,4-Trichlorobenzene	37	10	3.3	ug/L	80.000		47	37-103			
Surrogate: 2-Fluorophenol	27.07			ug/L	100.00		27	10-88			
Surrogate: Phenol-d6	18.12			ug/L	100.00		18	10-61			
Surrogate: Nitrobenzene-d5	27.07			ug/L	50.000		54	28-109			
Surrogate: 2-Fluorobiphenyl	31.86			ug/L	50.000		64	38-112			
Surrogate: 2,4,6-Tribromophenol	76.33			ug/L	100.00		76	10-165			
Surrogate: p-Terphenyl-d14	36.18			ug/L	50.000		72	10-142			
Matrix Spike (2040299-MS1)						Source: AVD0263-01	Prepared: 04/11/12 Analyzed: 04/12/12				
Acenaphthene	47	10	4.7	ug/L	80.000	ND	58	48-108			
4-Chloro-3-methylphenol	47	10	5.7	ug/L	80.000	ND	59	38-124			
2-Chlorophenol	39	10	4.1	ug/L	80.000	ND	49	42-105			
1,4-Dichlorobenzene	36	10	2.8	ug/L	80.000	ND	44	39-90			
2,4-Dinitrotoluene	55	20	4.7	ug/L	80.000	ND	68	29-119			
4-Nitrophenol	33	50	4.2	ug/L	80.000	ND	42	10-53			J
N-Nitrosodi-n-propylamine	42	10	6.1	ug/L	80.000	ND	53	41-106			
Pentachlorophenol	51	20	6.0	ug/L	80.000	ND	64	42-137			
Phenol	24	10	2.9	ug/L	80.000	ND	31	14-43			
Pyrene	52	10	4.5	ug/L	80.000	ND	65	51-131			
1,2,4-Trichlorobenzene	36	10	3.3	ug/L	80.000	ND	45	40-99			
Surrogate: 2-Fluorophenol	35.75			ug/L	100.00		36	10-88			
Surrogate: Phenol-d6	29.47			ug/L	100.00		29	10-61			
Surrogate: Nitrobenzene-d5	24.42			ug/L	50.000		49	28-109			
Surrogate: 2-Fluorobiphenyl	27.46			ug/L	50.000		55	38-112			
Surrogate: 2,4,6-Tribromophenol	62.88			ug/L	100.00		63	10-165			
Surrogate: p-Terphenyl-d14	30.04			ug/L	50.000		60	10-142			



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Elgin IL, 60120

Attention: Mr. Bob Schoepke

April 19, 2012

Report No.: AVD0263

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 2040299 - EPA 3510C											
Matrix Spike Dup (2040299-MSD1)			Source: AVD0263-01			Prepared: 04/11/12 Analyzed: 04/12/12					
Acenaphthene	43	10	4.7	ug/L	80.000	ND	54	48-108	7	35	
4-Chloro-3-methylphenol	44	10	5.7	ug/L	80.000	ND	54	38-124	8	31	
2-Chlorophenol	34	10	4.1	ug/L	80.000	ND	43	42-105	12	36	
1,4-Dichlorobenzene	31	10	2.8	ug/L	80.000	ND	39	39-90	14	35	
2,4-Dinitrotoluene	52	20	4.7	ug/L	80.000	ND	65	29-119	5	39	
4-Nitrophenol	31	50	4.2	ug/L	80.000	ND	39	10-53	6	34	J
N-Nitrosodi-n-propylamine	40	10	6.1	ug/L	80.000	ND	50	41-106	6	36	
Pentachlorophenol	46	20	6.0	ug/L	80.000	ND	57	42-137	12	38	
Phenol	23	10	2.9	ug/L	80.000	ND	28	14-43	8	38	
Pyrene	48	10	4.5	ug/L	80.000	ND	60	51-131	8	27	
1,2,4-Trichlorobenzene	33	10	3.3	ug/L	80.000	ND	41	40-99	8	35	
Surrogate: 2-Fluorophenol	30.48			ug/L	100.00		30	10-88			
Surrogate: Phenol-d8	26.09			ug/L	100.00		26	10-61			
Surrogate: Nitrobenzene-d5	22.75			ug/L	50.000		46	28-109			
Surrogate: 2-Fluorobiphenyl	25.55			ug/L	50.000		51	38-112			
Surrogate: 2,4,6-Tribromophenol	55.31			ug/L	100.00		55	10-165			
Surrogate: p-Terphenyl-d14	27.28			ug/L	50.000		55	10-142			



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April 19, 2012

Laboratory Certifications

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



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Attention: Mr. Bob Schoepke

April 19, 2012

Legend

Definition of Laboratory Terms

- ND** - Not Detected at levels equal to or greater than the MDL
- BRL** - Not Detected at levels equal to or greater than the RL
- RL** - Reporting Limit **MDL** - Method Detection Limit
- SOP** - Method run per ASI Standard Operating Procedure
- CFU** - Colony Forming Units
- DF** - Dilution Factor **TIC** - Tentatively Identified Compound
- * - Analyte not included in the NELAC list of certified analytes.

Sample Information

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

Phthalic acid and phthalic anhydride are reported as dimethyl phthalate

Maleic acid and maleic anhydride are reported as dimethyl malate

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

Definition of Qualifiers

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

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



ANALYTICAL SERVICES, INC.

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

LOG-IN CHECKLIST

Printed: 4/19/2012 4:19:31PM

Attn: Mr. Bob Schoepke

Client: Safety-Kleen Corporation - Elgin
Project: Tampa, FL
Date Received: 04/10/12 10:10

Work Order: AVD0263
Logged In By: Charles Hawks

OBSERVATIONS

#Samples: 7 #Containers: 34
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:



ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
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Laboratory Report

Prepared For:

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

Attention: Mr. Bob Schoepke

Report Number: AVG0021

July 05, 2012

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

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All test results relate only to the samples analyzed.



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Elgin IL, 60120

Attention: Mr. Bob Schoepke

July 05, 2012

ANALYTICAL REPORT FOR SAMPLES

<u>Sample ID</u>	<u>Laboratory ID</u>	<u>Matrix</u>	<u>Date Sampled</u>	<u>Date Received</u>
MW-2-070212	AVG0021-01	Ground Water	07/02/12 14:09	07/03/12 08:00
Trip Blank	AVG0021-02	Water	07/02/12 00:00	07/03/12 08:00



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

Attention: Mr. Bob Schoepke

July 05, 2012

Report No.: AVG0021

Project: Tampa, FL

Client ID: MW-3-070212

Lab Number ID: AVG0021-01

Date/Time Sampled: 7/2/2012 2:09:00PM

Date/Time Received: 7/3/2012 8:00:00AM

Matrix: Ground Water

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Volatile Organic Compounds by EPA 8260											
Acetone	73	100	6.1	ug/L	EPA 8260B	J	1	07/03/12 12:30	07/03/12 13:27	2070065	GMM
Acrolein	ND	14	2.8	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 13:27	2070065	GMM
Acrylonitrile	ND	4.0	1.9	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 13:27	2070065	GMM
Allyl Chloride (3-Chloropropylene)	ND	10	1.1	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 13:27	2070065	GMM
Benzene	ND	1.0	0.1	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 13:27	2070065	GMM
Bromobenzene	ND	10	0.2	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 13:27	2070065	GMM
Bromochloromethane	ND	10	0.4	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 13:27	2070065	GMM
Bromodichloromethane	ND	1.0	0.3	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 13:27	2070065	GMM
Bromoform	ND	4.4	1.0	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 13:27	2070065	GMM
Bromomethane	ND	9.8	2.0	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 13:27	2070065	GMM
n-Butylbenzene	ND	10	0.8	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 13:27	2070065	GMM
sec-Butylbenzene	ND	10	0.2	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 13:27	2070065	GMM
tert-Butylbenzene	ND	10	0.8	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 13:27	2070065	GMM
Carbon Disulfide	ND	10	1.5	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 13:27	2070065	GMM
Carbon Tetrachloride	ND	2.0	0.9	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 13:27	2070065	GMM
Chlorobenzene	ND	10	0.3	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 13:27	2070065	GMM
1-Chlorobutane	ND	10	0.3	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 13:27	2070065	GMM
Chloroethane	ND	5.0	0.7	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 13:27	2070065	GMM
2-Chloroethyl Vinyl Ether	ND	10	0.8	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 13:27	2070065	GMM
Chloroform	ND	2.0	0.4	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 13:27	2070065	GMM
Chloromethane	ND	2.7	0.1	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 13:27	2070065	GMM
2-Chlorotoluene	ND	10	0.2	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 13:27	2070065	GMM
4-Chlorotoluene	ND	10	0.3	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 13:27	2070065	GMM
Dibromochloromethane	ND	1.0	0.4	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 13:27	2070065	GMM
1,2-Dibromo-3-chloropropane	ND	5.0	1.0	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 13:27	2070065	GMM
1,2-Dibromoethane	ND	2.0	0.3	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 13:27	2070065	GMM
Dibromomethane	ND	10	0.4	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 13:27	2070065	GMM
1,2-Dichlorobenzene	ND	10	0.3	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 13:27	2070065	GMM
1,3-Dichlorobenzene	ND	10	0.2	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 13:27	2070065	GMM
1,4-Dichlorobenzene	1.5	10	0.3	ug/L	EPA 8260B	J	1	07/03/12 12:30	07/03/12 13:27	2070065	GMM
trans-1,4-Dichloro-2-butene	ND	5.0	0.9	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 13:27	2070065	GMM
Dichlorodifluoromethane	ND	10	0.6	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 13:27	2070065	GMM



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Elgin IL, 60120

Attention: Mr. Bob Schoepke

July 05, 2012

Report No.: AVG0021

Project: Tampa, FL

Client ID: MW-2-070212

Lab Number ID: AVG0021-01

Date/Time Sampled: 7/2/2012 2:09:00PM

Date/Time Received: 7/3/2012 8:00:00AM

Matrix: Ground Water

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Int.
Volatile Organic Compounds by EPA 8260											
1,1-Dichloroethane	ND	2.0	0.2	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 13:27	2070065 GMM	
1,2-Dichloroethane	ND	2.0	0.2	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 13:27	2070065 GMM	
1,1-Dichloroethene	ND	2.0	0.2	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 13:27	2070065 GMM	
cis-1,2-Dichloroethene	ND	2.0	0.2	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 13:27	2070065 GMM	
trans-1,2-Dichloroethene	ND	2.0	0.3	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 13:27	2070065 GMM	
1,2-Dichloroethene (total)	ND	2.0	0.3	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 13:27	2070065 GMM	
1,2-Dichloropropane	ND	2.0	0.2	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 13:27	2070065 GMM	
1,3-Dichloropropane	ND	2.0	0.4	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 13:27	2070065 GMM	
2,2-Dichloropropane	ND	10	1.2	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 13:27	2070065 GMM	
1,1-Dichloropropene	ND	10	0.2	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 13:27	2070065 GMM	
cis-1,3-Dichloropropene	ND	1.0	0.3	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 13:27	2070065 GMM	
trans-1,3-Dichloropropene	ND	2.0	0.3	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 13:27	2070065 GMM	
Ethylbenzene	ND	2.0	0.3	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 13:27	2070065 GMM	
Ethyl Methacrylate	ND	10	0.9	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 13:27	2070065 GMM	
Hexachlorobutadiene	ND	2.0	0.4	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 13:27	2070065 GMM	
p-Isopropyltoluene	16	10	0.8	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 13:27	2070065 GMM	
Hexachloroethane	ND	4.0	2.4	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 13:27	2070065 GMM	
Iodomethane	ND	10	1.8	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 13:27	2070065 GMM	
Isopropylbenzene	ND	10	0.8	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 13:27	2070065 GMM	
Methacrylonitrile	ND	5.0	0.5	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 13:27	2070065 GMM	
Methyl Acrylate	ND	10	1.5	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 13:27	2070065 GMM	
Methyl Butyl Ketone (2-Hexanone)	ND	10	1.3	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 13:27	2070065 GMM	
Methylene Chloride	ND	5.0	0.2	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 13:27	2070065 GMM	
Methyl Ethyl Ketone (2-Butanone)	3.3	100	1.3	ug/L	EPA 8260B	J	1	07/03/12 12:30	07/03/12 13:27	2070065 GMM	
Methyl Methacrylate	ND	10	1.0	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 13:27	2070065 GMM	
4-Methyl-2-pentanone (MIBK)	ND	10	1.3	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 13:27	2070065 GMM	
Methyl-tert-Butyl Ether	ND	10	0.4	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 13:27	2070065 GMM	
Naphthalene	ND	10	0.9	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 13:27	2070065 GMM	
2-Nitropropane	ND	10	3.9	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 13:27	2070065 GMM	
Propionitrile (Ethyl Cyanide)	ND	20	3.6	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 13:27	2070065 GMM	
n-Propylbenzene	ND	10	0.9	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 13:27	2070065 GMM	
Styrene	ND	5.0	0.7	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 13:27	2070065 GMM	



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July 05, 2012

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Date/Time Sampled: 7/2/2012 2:09:00PM

Matrix: Ground Water

Project: Tampa, FL

Lab Number ID: AVG0021-01

Date/Time Received: 7/3/2012 8:00:00AM

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Volatile Organic Compounds by EPA 8260											
1,1,1,2-Tetrachloroethane	ND	1.3	0.5	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 13:27	2070065	GMM
1,1,2,2-Tetrachloroethane	ND	1.0	0.2	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 13:27	2070065	GMM
Tetrachloroethane	ND	2.0	0.2	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 13:27	2070065	GMM
Toluene	5.1	2.0	0.2	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 13:27	2070065	GMM
1,2,3-Trichlorobenzene	ND	10	0.6	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 13:27	2070065	GMM
1,2,4-Trichlorobenzene	ND	10	0.5	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 13:27	2070065	GMM
1,1,1-Trichloroethane	ND	2.0	0.4	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 13:27	2070065	GMM
1,1,2-Trichloroethane	ND	2.0	0.4	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 13:27	2070065	GMM
Trichloroethane	ND	2.0	0.2	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 13:27	2070065	GMM
Trichlorofluoromethane	ND	10	0.2	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 13:27	2070065	GMM
1,2,3-Trichloropropane	ND	1.0	0.9	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 13:27	2070065	GMM
1,2,4-Trimethylbenzene	ND	10	0.8	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 13:27	2070065	GMM
1,3,5-Trimethylbenzene	ND	10	0.9	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 13:27	2070065	GMM
Vinyl Acetate	ND	10	0.3	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 13:27	2070065	GMM
Vinyl Chloride	ND	1.0	0.2	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 13:27	2070065	GMM
m+p-Xylene	ND	5.0	0.4	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 13:27	2070065	GMM
o-Xylene	ND	5.0	0.8	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 13:27	2070065	GMM
Xylenes, total	ND	5.0	0.8	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 13:27	2070065	GMM
Surrogate: Dibromofluoromethane	103 %		75-123		EPA 8260B			07/03/12 12:30	07/03/12 13:27	2070065	
Surrogate: 1,2-Dichloroethane-d4	103 %		72-120		EPA 8260B			07/03/12 12:30	07/03/12 13:27	2070065	
Surrogate: Toluene-d8	95 %		75-120		EPA 8260B			07/03/12 12:30	07/03/12 13:27	2070065	
Surrogate: 4-Bromofluorobenzene	95 %		80-120		EPA 8260B			07/03/12 12:30	07/03/12 13:27	2070065	



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Date/Time Sampled: 7/2/2012 2:09:00PM

Date/Time Received: 7/3/2012 8:00:00AM

Matrix: Ground Water

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Int.
Semivolatile Organic Compounds by EPA 8270											
Acenaphthene	ND	10	4.7	ug/L	EPA 8270D		1	07/03/12 08:50	07/03/12 15:59	2070052	RAC
Acenaphthylene	ND	10	4.6	ug/L	EPA 8270D		1	07/03/12 08:50	07/03/12 15:59	2070052	RAC
Anthracene	ND	10	4.3	ug/L	EPA 8270D		1	07/03/12 08:50	07/03/12 15:59	2070052	RAC
Benzo(a)anthracene	ND	10	4.1	ug/L	EPA 8270D		1	07/03/12 08:50	07/03/12 15:59	2070052	RAC
Benzo(a)pyrene	ND	10	4.8	ug/L	EPA 8270D		1	07/03/12 08:50	07/03/12 15:59	2070052	RAC
Benzo(b)fluoranthene	ND	10	4.4	ug/L	EPA 8270D		1	07/03/12 08:50	07/03/12 15:59	2070052	RAC
Benzo(ghi)perylene	ND	10	5.5	ug/L	EPA 8270D		1	07/03/12 08:50	07/03/12 15:59	2070052	RAC
Benzo(k)fluoranthene	ND	10	5.0	ug/L	EPA 8270D		1	07/03/12 08:50	07/03/12 15:59	2070052	RAC
Benzoic acid	140	100	6.2	ug/L	EPA 8270D		2	07/03/12 08:50	07/03/12 17:09	2070052	RAC
Benzyl alcohol	ND	20	5.1	ug/L	EPA 8270D		1	07/03/12 08:50	07/03/12 15:59	2070052	RAC
Benzyl butyl phthalate	ND	10	6.3	ug/L	EPA 8270D		1	07/03/12 08:50	07/03/12 15:59	2070052	RAC
4-Bromophenyl phenyl ether	ND	10	5.0	ug/L	EPA 8270D		1	07/03/12 08:50	07/03/12 15:59	2070052	RAC
Di-n-butyl phthalate	ND	10	4.8	ug/L	EPA 8270D		1	07/03/12 08:50	07/03/12 15:59	2070052	RAC
4-Chloroaniline	ND	20	4.1	ug/L	EPA 8270D		1	07/03/12 08:50	07/03/12 15:59	2070052	RAC
Bis(2-chloroethoxy)methane	ND	10	4.4	ug/L	EPA 8270D		1	07/03/12 08:50	07/03/12 15:59	2070052	RAC
Bis(2-chloroethyl)ether	ND	10	3.3	ug/L	EPA 8270D		1	07/03/12 08:50	07/03/12 15:59	2070052	RAC
Bis(2-chloroisopropyl)ether	ND	10	3.7	ug/L	EPA 8270D		1	07/03/12 08:50	07/03/12 15:59	2070052	RAC
4-Chloro-3-methylphenol	ND	10	5.7	ug/L	EPA 8270D		1	07/03/12 08:50	07/03/12 15:59	2070052	RAC
2-Chloronaphthalene	ND	10	4.2	ug/L	EPA 8270D		1	07/03/12 08:50	07/03/12 15:59	2070052	RAC
2-Chlorophenol	ND	10	4.1	ug/L	EPA 8270D	QM-05	1	07/03/12 08:50	07/03/12 15:59	2070052	RAC
4-Chlorophenyl phenyl ether	ND	10	4.2	ug/L	EPA 8270D		1	07/03/12 08:50	07/03/12 15:59	2070052	RAC
Chrysene	ND	10	4.0	ug/L	EPA 8270D		1	07/03/12 08:50	07/03/12 15:59	2070052	RAC
Dibenzo(a,h)anthracene	ND	10	4.5	ug/L	EPA 8270D		1	07/03/12 08:50	07/03/12 15:59	2070052	RAC
Dibenzofuran	ND	10	4.5	ug/L	EPA 8270D		1	07/03/12 08:50	07/03/12 15:59	2070052	RAC
1,2-Dichlorobenzene	ND	10	3.3	ug/L	EPA 8270D		1	07/03/12 08:50	07/03/12 15:59	2070052	RAC
1,3-Dichlorobenzene	ND	10	2.8	ug/L	EPA 8270D		1	07/03/12 08:50	07/03/12 15:59	2070052	RAC
1,4-Dichlorobenzene	ND	10	2.8	ug/L	EPA 8270D	QM-05	1	07/03/12 08:50	07/03/12 15:59	2070052	RAC
3,3'-Dichlorobenzidine	ND	20	5.0	ug/L	EPA 8270D		1	07/03/12 08:50	07/03/12 15:59	2070052	RAC
2,4-Dichlorophenol	ND	10	5.3	ug/L	EPA 8270D		1	07/03/12 08:50	07/03/12 15:59	2070052	RAC
Diethyl phthalate	9.1	10	3.9	ug/L	EPA 8270D	J	1	07/03/12 08:50	07/03/12 15:59	2070052	RAC
2,4-Dimethylphenol	ND	10	4.4	ug/L	EPA 8270D		1	07/03/12 08:50	07/03/12 15:59	2070052	RAC
Dimethyl phthalate	ND	10	4.0	ug/L	EPA 8270D		1	07/03/12 08:50	07/03/12 15:59	2070052	RAC



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Date/Time Sampled: 7/2/2012 2:08:00PM

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Matrix: Ground Water

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Int.
Semivolatile Organic Compounds by EPA 8270											
4,6-Dinitro-2-methylphenol	ND	50	5.8	ug/L	EPA 8270D		1	07/03/12 08:50	07/03/12 15:59	2070052	RAC
2,4-Dinitrophenol	ND	50	7.2	ug/L	EPA 8270D		1	07/03/12 08:50	07/03/12 15:59	2070052	RAC
2,4-Dinitrotoluene	ND	20	4.7	ug/L	EPA 8270D		1	07/03/12 08:50	07/03/12 15:59	2070052	RAC
2,6-Dinitrotoluene	ND	20	4.6	ug/L	EPA 8270D		1	07/03/12 08:50	07/03/12 15:59	2070052	RAC
Bis(2-ethylhexyl)phthalate	ND	10	5.9	ug/L	EPA 8270D		1	07/03/12 08:50	07/03/12 15:59	2070052	RAC
Fluoranthene	ND	10	4.5	ug/L	EPA 8270D		1	07/03/12 08:50	07/03/12 15:59	2070052	RAC
Fluorene	ND	10	4.4	ug/L	EPA 8270D		1	07/03/12 08:50	07/03/12 15:59	2070052	RAC
Hexachlorobenzene	ND	10	3.9	ug/L	EPA 8270D		1	07/03/12 08:50	07/03/12 15:59	2070052	RAC
Hexachlorobutadiene	ND	10	4.2	ug/L	EPA 8270D		1	07/03/12 08:50	07/03/12 15:59	2070052	RAC
Hexachlorocyclopentadiene	ND	10	5.8	ug/L	EPA 8270D		1	07/03/12 08:50	07/03/12 15:59	2070052	RAC
Hexachloroethane	ND	10	3.4	ug/L	EPA 8270D		1	07/03/12 08:50	07/03/12 15:59	2070052	RAC
Indeno(1,2,3-cd)pyrene	ND	10	5.0	ug/L	EPA 8270D		1	07/03/12 08:50	07/03/12 15:59	2070052	RAC
Isophorone	ND	10	4.4	ug/L	EPA 8270D		1	07/03/12 08:50	07/03/12 15:59	2070052	RAC
2-Methylnaphthalene	ND	10	5.1	ug/L	EPA 8270D		1	07/03/12 08:50	07/03/12 15:59	2070052	RAC
2-Methylphenol (o-cresol)	ND	10	5.0	ug/L	EPA 8270D		1	07/03/12 08:50	07/03/12 15:59	2070052	RAC
3+4-Methylphenol (m+p-cresol)	68	10	5.4	ug/L	EPA 8270D		1	07/03/12 08:50	07/03/12 15:59	2070052	RAC
Naphthalene	ND	10	3.7	ug/L	EPA 8270D		1	07/03/12 08:50	07/03/12 15:59	2070052	RAC
2-Nitroaniline	ND	50	6.3	ug/L	EPA 8270D		1	07/03/12 08:50	07/03/12 15:59	2070052	RAC
3-Nitroaniline	ND	50	5.5	ug/L	EPA 8270D		1	07/03/12 08:50	07/03/12 15:59	2070052	RAC
4-Nitroaniline	ND	50	5.9	ug/L	EPA 8270D		1	07/03/12 08:50	07/03/12 15:59	2070052	RAC
Nitrobenzene	ND	10	4.1	ug/L	EPA 8270D		1	07/03/12 08:50	07/03/12 15:59	2070052	RAC
2-Nitrophenol	ND	50	4.9	ug/L	EPA 8270D		1	07/03/12 08:50	07/03/12 15:59	2070052	RAC
4-Nitrophenol	ND	50	4.2	ug/L	EPA 8270D		1	07/03/12 08:50	07/03/12 15:59	2070052	RAC
N-Nitrosodimethylamine	ND	10	2.5	ug/L	EPA 8270D		1	07/03/12 08:50	07/03/12 15:59	2070052	RAC
N-Nitrosodiphenylamine/Diphenylamine	ND	10	3.8	ug/L	EPA 8270D		1	07/03/12 08:50	07/03/12 15:59	2070052	RAC
N-Nitrosodi-n-propylamine	ND	10	6.1	ug/L	EPA 8270D		1	07/03/12 08:50	07/03/12 15:59	2070052	RAC
Di-n-octyl phthalate	ND	10	6.3	ug/L	EPA 8270D		1	07/03/12 08:50	07/03/12 15:59	2070052	RAC
Pentachlorophenol	ND	20	6.0	ug/L	EPA 8270D		1	07/03/12 08:50	07/03/12 15:59	2070052	RAC
Phenanthrene	ND	10	4.0	ug/L	EPA 8270D		1	07/03/12 08:50	07/03/12 15:59	2070052	RAC
Phenol	18	10	2.9	ug/L	EPA 8270D		1	07/03/12 08:50	07/03/12 15:59	2070052	RAC
Pyrene	ND	10	4.5	ug/L	EPA 8270D		1	07/03/12 08:50	07/03/12 15:59	2070052	RAC
1,2,4-Trichlorobenzene	ND	10	3.3	ug/L	EPA 8270D	QM-05	1	07/03/12 08:50	07/03/12 15:59	2070052	RAC



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

July 05, 2012

Report No.: AVG0021

Project: Tampa, FL

Client ID: MW-2-070212

Lab Number ID: AVG0021-01

Date/Time Sampled: 7/2/2012 2:09:00PM

Date/Time Received: 7/3/2012 8:00:00AM

Matrix: Ground Water

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Int.
Semivolatile Organic Compounds by EPA 8270											
2,4,5-Trichlorophenol	ND	10	5.9	ug/L	EPA 8270D		1	07/03/12 08:50	07/03/12 15:59	2070052	RAC
2,4,6-Trichlorophenol	ND	10	5.5	ug/L	EPA 8270D		1	07/03/12 08:50	07/03/12 15:59	2070052	RAC
Surrogate: 2-Fluorophenol	25 %		10-88		EPA 8270D			07/03/12 08:50	07/03/12 15:59	2070052	
Surrogate: Phenol-d8	25 %		10-81		EPA 8270D			07/03/12 08:50	07/03/12 15:59	2070052	
Surrogate: Nitrobenzene-d5	34 %		28-109		EPA 8270D			07/03/12 08:50	07/03/12 15:59	2070052	
Surrogate: 2-Fluorobiphenyl	46 %		38-112		EPA 8270D			07/03/12 08:50	07/03/12 15:59	2070052	
Surrogate: 2,4,6-Tribromophenol	70 %		10-165		EPA 8270D			07/03/12 08:50	07/03/12 15:59	2070052	
Surrogate: p-Terphenyl-d14	60 %		10-142		EPA 8270D			07/03/12 08:50	07/03/12 15:59	2070052	



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

Attention: Mr. Bob Schoepke

July 05, 2012

Report No.: AVG0021

Project: Tampa, FL

Client ID: Trip Blank

Lab Number ID: AVG0021-02

Date/Time Sampled: 7/2/2012 12:00:00AM

Date/Time Received: 7/3/2012 8:00:00AM

Matrix: Water

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Volatile Organic Compounds by EPA 8260											
Acetone	ND	100	6.1	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 12:58	2070065 GMM	
Acrolein	ND	14	2.8	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 12:58	2070065 GMM	
Acrylonitrile	ND	4.0	1.9	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 12:58	2070065 GMM	
Allyl Chloride (3-Chloropropylene)	ND	10	1.1	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 12:58	2070065 GMM	
Benzene	ND	1.0	0.1	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 12:58	2070065 GMM	
Bromobenzene	ND	10	0.2	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 12:58	2070065 GMM	
Bromochloromethane	ND	10	0.4	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 12:58	2070065 GMM	
Bromodichloromethane	ND	1.0	0.3	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 12:58	2070065 GMM	
Bromoform	ND	4.4	1.0	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 12:58	2070065 GMM	
Bromomethane	ND	9.8	2.0	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 12:58	2070065 GMM	
n-Butylbenzene	ND	10	0.8	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 12:58	2070065 GMM	
sec-Butylbenzene	ND	10	0.2	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 12:58	2070065 GMM	
tert-Butylbenzene	ND	10	0.8	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 12:58	2070065 GMM	
Carbon Disulfide	ND	10	1.5	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 12:58	2070065 GMM	
Carbon Tetrachloride	ND	2.0	0.9	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 12:58	2070065 GMM	
Chlorobenzene	ND	10	0.3	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 12:58	2070065 GMM	
1-Chlorobutane	ND	10	0.3	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 12:58	2070065 GMM	
Chloroethane	ND	5.0	0.7	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 12:58	2070065 GMM	
2-Chloroethyl Vinyl Ether	ND	10	0.8	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 12:58	2070065 GMM	
Chloroform	ND	2.0	0.4	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 12:58	2070065 GMM	
Chloromethane	ND	2.7	0.1	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 12:58	2070065 GMM	
2-Chlorotoluene	ND	10	0.2	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 12:58	2070065 GMM	
4-Chlorotoluene	ND	10	0.3	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 12:58	2070065 GMM	
Dibromochloromethane	ND	1.0	0.4	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 12:58	2070065 GMM	
1,2-Dibromo-3-chloropropane	ND	5.0	1.0	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 12:58	2070065 GMM	
1,2-Dibromoethane	ND	2.0	0.3	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 12:58	2070065 GMM	
Dibromomethane	ND	10	0.4	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 12:58	2070065 GMM	
1,2-Dichlorobenzene	ND	10	0.3	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 12:58	2070065 GMM	
1,3-Dichlorobenzene	ND	10	0.2	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 12:58	2070065 GMM	
1,4-Dichlorobenzene	ND	10	0.3	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 12:58	2070065 GMM	
trans-1,4-Dichloro-2-butene	ND	5.0	0.9	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 12:58	2070065 GMM	
Dichlorodifluoromethane	ND	10	0.6	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 12:58	2070065 GMM	



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

Attention: Mr. Bob Schoepke

July 05, 2012

Report No.: AVG0021

Project: Tampa, FL

Client ID: Trip Blank

Lab Number ID: AVG0021-02

Date/Time Sampled: 7/2/2012 12:00:00AM

Date/Time Received: 7/3/2012 8:00:00AM

Matrix: Water

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Volatile Organic Compounds by EPA 8260											
1,1-Dichloroethane	ND	2.0	0.2	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 12:58	2070065 GMM	
1,2-Dichloroethane	ND	2.0	0.2	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 12:58	2070065 GMM	
1,1-Dichloroethene	ND	2.0	0.2	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 12:58	2070065 GMM	
cis-1,2-Dichloroethene	ND	2.0	0.2	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 12:58	2070065 GMM	
trans-1,2-Dichloroethene	ND	2.0	0.3	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 12:58	2070065 GMM	
1,2-Dichloroethene (total)	ND	2.0	0.3	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 12:58	2070065 GMM	
1,2-Dichloropropane	ND	2.0	0.2	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 12:58	2070065 GMM	
1,3-Dichloropropane	ND	2.0	0.4	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 12:58	2070065 GMM	
2,2-Dichloropropane	ND	10	1.2	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 12:58	2070065 GMM	
1,1-Dichloropropene	ND	10	0.2	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 12:58	2070065 GMM	
cis-1,3-Dichloropropene	ND	1.0	0.3	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 12:58	2070065 GMM	
trans-1,3-Dichloropropene	ND	2.0	0.3	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 12:58	2070065 GMM	
Ethylbenzene	ND	2.0	0.3	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 12:58	2070065 GMM	
Ethyl Methacrylate	ND	10	0.9	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 12:58	2070065 GMM	
Hexachlorobutadiene	ND	2.0	0.4	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 12:58	2070065 GMM	
p-Isopropyltoluene	ND	10	0.8	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 12:58	2070065 GMM	
Hexachloroethane	ND	4.0	2.4	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 12:58	2070065 GMM	
Iodomethane	ND	10	1.8	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 12:58	2070065 GMM	
Isopropylbenzene	ND	10	0.8	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 12:58	2070065 GMM	
Methacrylonitrile	ND	5.0	0.5	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 12:58	2070065 GMM	
Methyl Acrylate	ND	10	1.5	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 12:58	2070065 GMM	
Methyl Butyl Ketone (2-Hexanone)	ND	10	1.3	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 12:58	2070065 GMM	
Methylene Chloride	ND	5.0	0.2	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 12:58	2070065 GMM	
Methyl Ethyl Ketone (2-Butanone)	ND	100	1.3	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 12:58	2070065 GMM	
Methyl Methacrylate	ND	10	1.0	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 12:58	2070065 GMM	
4-Methyl-2-pentanone (MIBK)	ND	10	1.3	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 12:58	2070065 GMM	
Methyl-tert-Butyl Ether	ND	10	0.4	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 12:58	2070065 GMM	
Naphthalene	ND	10	0.9	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 12:58	2070065 GMM	
2-Nitropropane	ND	10	3.9	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 12:58	2070065 GMM	
Propionitrile (Ethyl Cyanide)	ND	20	3.6	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 12:58	2070065 GMM	
n-Propylbenzene	ND	10	0.9	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 12:58	2070065 GMM	
Styrene	ND	5.0	0.7	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 12:58	2070065 GMM	



ANALYTICAL SERVICES, INC.

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

Attention: Mr. Bob Schoepke

Report No.: AVG0021

Client ID: Trip Blank

Date/Time Sampled: 7/2/2012 12:00:00AM

Matrix: Water

July 05, 2012

Project: Tampa, FL

Lab Number ID: AVG0021-02

Date/Time Received: 7/3/2012 8:00:00AM

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Volatile Organic Compounds by EPA 8260											
1,1,1,2-Tetrachloroethane	ND	1.3	0.5	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 12:58	2070065	GMM
1,1,2,2-Tetrachloroethane	ND	1.0	0.2	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 12:58	2070065	GMM
Tetrachloroethane	ND	2.0	0.2	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 12:58	2070065	GMM
Toluene	ND	2.0	0.2	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 12:58	2070065	GMM
1,2,3-Trichlorobenzene	ND	10	0.6	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 12:58	2070065	GMM
1,2,4-Trichlorobenzene	ND	10	0.5	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 12:58	2070065	GMM
1,1,1-Trichloroethane	ND	2.0	0.4	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 12:58	2070065	GMM
1,1,2-Trichloroethane	ND	2.0	0.4	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 12:58	2070065	GMM
Trichloroethane	ND	2.0	0.2	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 12:58	2070065	GMM
Trichlorofluoromethane	ND	10	0.2	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 12:58	2070065	GMM
1,2,3-Trichloropropane	ND	1.0	0.9	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 12:58	2070065	GMM
1,2,4-Trimethylbenzene	ND	10	0.8	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 12:58	2070065	GMM
1,3,5-Trimethylbenzene	ND	10	0.9	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 12:58	2070065	GMM
Vinyl Acetate	ND	10	0.3	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 12:58	2070065	GMM
Vinyl Chloride	ND	1.0	0.2	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 12:58	2070065	GMM
m+p-Xylene	ND	5.0	0.4	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 12:58	2070065	GMM
o-Xylene	ND	5.0	0.8	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 12:58	2070065	GMM
Xylenes, total	ND	5.0	0.8	ug/L	EPA 8260B		1	07/03/12 12:30	07/03/12 12:58	2070065	GMM
Surrogate: Dibromofluoromethane	100 %		75-123		EPA 8260B			07/03/12 12:30	07/03/12 12:58	2070065	
Surrogate: 1,2-Dichloroethane-d4	103 %		72-120		EPA 8260B			07/03/12 12:30	07/03/12 12:58	2070065	
Surrogate: Toluene-d8	95 %		75-120		EPA 8260B			07/03/12 12:30	07/03/12 12:58	2070065	
Surrogate: 4-Bromofluorobenzene	96 %		80-120		EPA 8260B			07/03/12 12:30	07/03/12 12:58	2070065	



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1502 E. Villa Street
Elgin IL, 60120

Attention: Mr. Bob Schoepke

July 05, 2012

Report No.: AVG0021

Volatile Organic Compounds by EPA 8260 - Quality Control

Analyte	Result	RL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2070065 - EPA 5030B											
Blank (2070065-BLK1)						Prepared & Analyzed: 07/03/12					
Acetone	ND	100	6.1	ug/L							
Acrolein	ND	14	2.8	ug/L							
Acrylonitrile	ND	4.0	1.9	ug/L							
Allyl Chloride (3-Chloropropylene)	ND	10	1.1	ug/L							
Benzene	ND	1.0	0.1	ug/L							
Bromobenzene	ND	10	0.2	ug/L							
Bromochloromethane	ND	10	0.4	ug/L							
Bromodichloromethane	ND	1.0	0.3	ug/L							
Bromoform	ND	4.4	1.0	ug/L							
Bromomethane	ND	9.8	2.0	ug/L							
n-Butylbenzene	ND	10	0.8	ug/L							
sec-Butylbenzene	ND	10	0.2	ug/L							
tert-Butylbenzene	ND	10	0.8	ug/L							
Carbon Disulfide	ND	10	1.5	ug/L							
Carbon Tetrachloride	ND	2.0	0.9	ug/L							
Chlorobenzene	ND	10	0.3	ug/L							
1-Chlorobutane	ND	10	0.3	ug/L							
Chloroethane	ND	5.0	0.7	ug/L							
2-Chloroethyl Vinyl Ether	ND	10	0.8	ug/L							
Chloroform	ND	2.0	0.4	ug/L							
Chloromethane	ND	2.7	0.1	ug/L							
2-Chlorotoluene	ND	10	0.2	ug/L							
4-Chlorotoluene	ND	10	0.3	ug/L							
Dibromochloromethane	ND	1.0	0.4	ug/L							
1,2-Dibromo-3-chloropropane	ND	5.0	1.0	ug/L							
1,2-Dibromoethane	ND	2.0	0.3	ug/L							
Dibromomethane	ND	10	0.4	ug/L							
1,2-Dichlorobenzene	ND	10	0.3	ug/L							
1,3-Dichlorobenzene	ND	10	0.2	ug/L							
1,4-Dichlorobenzene	ND	10	0.3	ug/L							
trans-1,4-Dichloro-2-butene	ND	5.0	0.9	ug/L							
Dichlorodifluoromethane	ND	10	0.6	ug/L							
1,1-Dichloroethane	ND	2.0	0.2	ug/L							
1,2-Dichloroethane	ND	2.0	0.2	ug/L							
1,1-Dichloroethene	ND	2.0	0.2	ug/L							
cis-1,2-Dichloroethene	ND	2.0	0.2	ug/L							
trans-1,2-Dichloroethene	ND	2.0	0.3	ug/L							
1,2-Dichloroethene (total)	ND	2.0	0.3	ug/L							
1,2-Dichloropropane	ND	2.0	0.2	ug/L							



ANALYTICAL SERVICES, INC.

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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

July 05, 2012

Report No.: AVG0021

Volatile Organic Compounds by EPA 8260 - Quality Control

Analyte	Result	RL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2070085 - EPA 5030B											
Blank (2070085-BLK1)						Prepared & Analyzed: 07/03/12					
1,3-Dichloropropene	ND	2.0	0.4	ug/L							
2,2-Dichloropropene	ND	10	1.2	ug/L							
1,1-Dichloropropene	ND	10	0.2	ug/L							
cis-1,3-Dichloropropene	ND	1.0	0.3	ug/L							
trans-1,3-Dichloropropene	ND	2.0	0.3	ug/L							
Ethylbenzene	ND	2.0	0.3	ug/L							
Ethyl Methacrylate	ND	10	0.9	ug/L							
Hexachlorobutadiene	ND	2.0	0.4	ug/L							
p-Isopropyltoluene	ND	10	0.8	ug/L							
Hexachloroethane	ND	4.0	2.4	ug/L							
Iodomethane	ND	10	1.8	ug/L							
Isopropylbenzene	ND	10	0.8	ug/L							
Methacrylonitrile	ND	5.0	0.5	ug/L							
Methyl Acrylate	ND	10	1.5	ug/L							
Methyl Butyl Ketone (2-Hexanone)	ND	10	1.3	ug/L							
Methylene Chloride	ND	5.0	0.2	ug/L							
Methyl Ethyl Ketone (2-Butanone)	ND	100	1.3	ug/L							
Methyl Methacrylate	ND	10	1.0	ug/L							
4-Methyl-2-pentanone (MIBK)	ND	10	1.3	ug/L							
Methyl-tert-Butyl Ether	ND	10	0.4	ug/L							
Naphthalene	ND	10	0.9	ug/L							
2-Nitropropane	ND	10	3.9	ug/L							
Propionitrile (Ethyl Cyanide)	ND	20	3.6	ug/L							
n-Propylbenzene	ND	10	0.9	ug/L							
Styrene	ND	5.0	0.7	ug/L							
1,1,1,2-Tetrachloroethane	ND	1.3	0.5	ug/L							
1,1,2,2-Tetrachloroethane	ND	1.0	0.2	ug/L							
Tetrachloroethane	ND	2.0	0.2	ug/L							
Toluene	ND	2.0	0.2	ug/L							
1,2,3-Trichlorobenzene	ND	10	0.6	ug/L							
1,2,4-Trichlorobenzene	ND	10	0.5	ug/L							
1,1,1-Trichloroethane	ND	2.0	0.4	ug/L							
1,1,2-Trichloroethane	ND	2.0	0.4	ug/L							
Trichloroethane	ND	2.0	0.2	ug/L							
Trichlorofluoromethane	ND	10	0.2	ug/L							
1,2,3-Trichloropropene	ND	1.0	0.9	ug/L							
1,2,4-Trimethylbenzene	ND	10	0.8	ug/L							
1,3,5-Trimethylbenzene	ND	10	0.9	ug/L							
Vinyl Acetate	ND	10	0.3	ug/L							



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Analyte	Result	RL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2070065 - EPA 5030B											
Blank (2070065-BLK1)						Prepared & Analyzed: 07/03/12					
Vinyl Chloride	ND	1.0	0.2	ug/L							
m+p-Xylene	ND	5.0	0.4	ug/L							
o-Xylene	ND	5.0	0.8	ug/L							
Xylenes, total	ND	5.0	0.8	ug/L							
Surrogate: Dibromofluoromethane	51			ug/L	50.000		101	75-123			
Surrogate: 1,2-Dichloroethane-d4	51			ug/L	50.000		103	72-120			
Surrogate: Toluene-d8	47			ug/L	50.000		94	75-120			
Surrogate: 4-Bromofluorobenzene	47			ug/L	50.000		93	80-120			
LCS (2070065-BS1)						Prepared & Analyzed: 07/03/12					
Benzene	45			ug/L	50.000		90	80-120			
Chlorobenzene	44			ug/L	50.000		89	80-120			
1,1-Dichloroethene	46			ug/L	50.000		92	77-121			
Toluene	47			ug/L	50.000		94	78-120			
Trichloroethene	44			ug/L	50.000		88	80-122			
Surrogate: Dibromofluoromethane	49			ug/L	50.000		99	75-123			
Surrogate: 1,2-Dichloroethane-d4	51			ug/L	50.000		102	72-120			
Surrogate: Toluene-d8	46			ug/L	50.000		93	75-120			
Surrogate: 4-Bromofluorobenzene	46			ug/L	50.000		91	80-120			
Matrix Spike (2070065-MS1)						Source: AVG0021-01	Prepared & Analyzed: 07/03/12				
Benzene	53			ug/L	50.000	ND	107	80-123			
Chlorobenzene	50			ug/L	50.000	ND	101	75-120			
1,1-Dichloroethene	64			ug/L	50.000	ND	127	80-120			QM-05
Toluene	59			ug/L	50.000	5.1	109	80-120			
Trichloroethene	54			ug/L	50.000	ND	108	80-125			
Surrogate: Dibromofluoromethane	51			ug/L	50.000		102	75-123			
Surrogate: 1,2-Dichloroethane-d4	51			ug/L	50.000		102	72-120			
Surrogate: Toluene-d8	48			ug/L	50.000		95	75-120			
Surrogate: 4-Bromofluorobenzene	47			ug/L	50.000		95	80-120			



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July 05, 2012

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Report No.: AVG0021

Volatile Organic Compounds by EPA 8260 - Quality Control

Analyte	Result	RL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2070065 - EPA 5030B											
Matrix Spike Dup (2070065-MSD1)				Source: AVG0021-01			Prepared & Analyzed: 07/03/12				
Benzene	51			ug/L	50.000	ND	101	80-123	5	9	
Chlorobenzene	47			ug/L	50.000	ND	94	75-120	7	13	
1,1-Dichloroethene	59			ug/L	50.000	ND	119	80-120	7	9	
Toluene	56			ug/L	50.000	5.1	101	80-120	6	9	
Trichloroethene	49			ug/L	50.000	ND	97	80-125	10	11	
Surrogate: Dibromofluoromethane	51			ug/L	50.000		102	75-123			
Surrogate: 1,2-Dichloroethane-d4	51			ug/L	50.000		102	72-120			
Surrogate: Toluene-d8	47			ug/L	50.000		94	75-120			
Surrogate: 4-Bromofluorobenzene	46			ug/L	50.000		92	80-120			



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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 2070052 - EPA 3510C											
Blank (2070052-BLK1)						Prepared & Analyzed: 07/03/12					
Acenaphthene	ND	10	4.7	ug/L							
Acenaphthylene	ND	10	4.8	ug/L							
Anthracene	ND	10	4.3	ug/L							
Benzo(a)anthracene	ND	10	4.1	ug/L							
Benzo(a)pyrene	ND	10	4.8	ug/L							
Benzo(b)fluoranthene	ND	10	4.4	ug/L							
Benzo(ghi)perylene	ND	10	5.5	ug/L							
Benzo(k)fluoranthene	ND	10	5.0	ug/L							
Benzoic acid	ND	50	3.1	ug/L							
Benzyl alcohol	ND	20	5.1	ug/L							
Benzyl butyl phthalate	ND	10	6.3	ug/L							
4-Bromophenyl phenyl ether	ND	10	5.0	ug/L							
Di-n-butyl phthalate	ND	10	4.8	ug/L							
4-Chloroaniline	ND	20	4.1	ug/L							
Bis(2-chloroethoxy)methane	ND	10	4.4	ug/L							
Bis(2-chloroethyl)ether	ND	10	3.3	ug/L							
Bis(2-chloroisopropyl)ether	ND	10	3.7	ug/L							
4-Chloro-3-methylphenol	ND	10	5.7	ug/L							
2-Chloronaphthalene	ND	10	4.2	ug/L							
2-Chlorophenol	ND	10	4.1	ug/L							
4-Chlorophenyl phenyl ether	ND	10	4.2	ug/L							
Chrysene	ND	10	4.0	ug/L							
Dibenzo(a,h)anthracene	ND	10	4.5	ug/L							
Dibenzofuran	ND	10	4.5	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	2.8	ug/L							
3,3'-Dichlorobenzidine	ND	20	5.0	ug/L							
2,4-Dichlorophenol	ND	10	5.3	ug/L							
Diethyl phthalate	ND	10	3.9	ug/L							
2,4-Dimethylphenol	ND	10	4.4	ug/L							
Dimethyl phthalate	ND	10	4.0	ug/L							
4,6-Dinitro-2-methylphenol	ND	50	5.8	ug/L							
2,4-Dinitrophenol	ND	50	7.2	ug/L							
2,4-Dinitrotoluene	ND	20	4.7	ug/L							
2,6-Dinitrotoluene	ND	20	4.6	ug/L							
Bis(2-ethylhexyl)phthalate	ND	10	5.9	ug/L							
Fluoranthene	ND	10	4.5	ug/L							
Fluorene	ND	10	4.4	ug/L							



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Analyte	Result	RL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2070052 - EPA 3510C											
Blank (2070052-BLK1)						Prepared & Analyzed: 07/03/12					
Hexachlorobenzene	ND	10	3.9	ug/L							
Hexachlorobutadiene	ND	10	4.2	ug/L							
Hexachlorocyclopentadiene	ND	10	5.8	ug/L							
Hexachloroethane	ND	10	3.4	ug/L							
Indeno(1,2,3-cd)pyrene	ND	10	5.0	ug/L							
Isophorone	ND	10	4.4	ug/L							
2-Methylnaphthalene	ND	10	5.1	ug/L							
2-Methylphenol (o-cresol)	ND	10	5.0	ug/L							
3+4-Methylphenol (m+p-cresol)	ND	10	5.4	ug/L							
Naphthalene	ND	10	3.7	ug/L							
2-Nitroaniline	ND	50	6.3	ug/L							
3-Nitroaniline	ND	50	5.5	ug/L							
4-Nitroaniline	ND	50	5.9	ug/L							
Nitrobenzene	ND	10	4.1	ug/L							
2-Nitrophenol	ND	50	4.9	ug/L							
4-Nitrophenol	ND	50	4.2	ug/L							
N-Nitrosodimethylamine	ND	10	2.5	ug/L							
N-Nitrosodiphenylamine/Diphenylamine	ND	10	3.8	ug/L							
N-Nitrosodi-n-propylamine	ND	10	6.1	ug/L							
Di-n-octyl phthalate	ND	10	6.3	ug/L							
Pentachlorophenol	ND	20	6.0	ug/L							
Phenanthrene	ND	10	4.0	ug/L							
Phenol	ND	10	2.9	ug/L							
Pyrene	ND	10	4.5	ug/L							
1,2,4-Trichlorobenzene	ND	10	3.3	ug/L							
2,4,5-Trichlorophenol	ND	10	5.9	ug/L							
2,4,6-Trichlorophenol	ND	10	5.5	ug/L							
Surrogate: 2-Fluorophenol	35.47			ug/L	100.00		35	10-88			
Surrogate: Phenol-d6	23.88			ug/L	100.00		24	10-61			
Surrogate: Nitrobenzene-d5	25.66			ug/L	50.000		51	28-109			
Surrogate: 2-Fluorobiphenyl	29.10			ug/L	50.000		58	38-112			
Surrogate: 2,4,6-Tribromophenol	67.57			ug/L	100.00		68	10-165			
Surrogate: p-Terphenyl-d14	39.68			ug/L	50.000		79	10-142			



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July 05, 2012

Report No.: AVG0021

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 2070052 - EPA 3510C											
LCS (2070052-BB1)						Prepared & Analyzed: 07/03/12					
Acenaphthene	37	10	4.7	ug/L	50.000		74	44-115			
4-Chloro-3-methylphenol	61	10	5.7	ug/L	100.00		61	38-123			
2-Chlorophenol	55	10	4.1	ug/L	100.00		55	35-111			
1,4-Dichlorobenzene	26	10	2.8	ug/L	50.000		53	37-94			
2,4-Dinitrotoluene	38	20	4.7	ug/L	50.000		71	28-118			
4-Nitrophenol	23	50	4.2	ug/L	100.00		23	10-52			J
N-Nitrosodi-n-propylamine	33	10	6.1	ug/L	50.000		65	40-110			
Pentachlorophenol	72	20	6.0	ug/L	100.00		72	31-134			
Phenol	23	10	2.9	ug/L	100.00		23	13-47			
Pyrene	48	10	4.5	ug/L	50.000		97	48-136			
1,2,4-Trichlorobenzene	28	10	3.3	ug/L	50.000		57	37-103			
Surrogate: 2-Fluorophenol	32.89			ug/L	100.00		33	10-88			
Surrogate: Phenol-d6	22.44			ug/L	100.00		22	10-61			
Surrogate: Nitrobenzene-d5	23.20			ug/L	50.000		46	28-109			
Surrogate: 2-Fluorobiphenyl	30.06			ug/L	50.000		60	38-112			
Surrogate: 2,4,6-Tribromophenol	77.00			ug/L	100.00		77	10-165			
Surrogate: p-Terphenyl-d14	39.19			ug/L	50.000		78	10-142			
Matrix Spike (2070052-MB1)						Source: AVG0021-01	Prepared & Analyzed: 07/03/12				
Acenaphthene	27	10	4.7	ug/L	50.000	ND	53	48-108			
4-Chloro-3-methylphenol	63	10	5.7	ug/L	100.00	ND	63	38-124			
2-Chlorophenol	44	10	4.1	ug/L	100.00	ND	44	42-105			
1,4-Dichlorobenzene	17	10	2.8	ug/L	50.000	ND	33	39-90			QM-05
2,4-Dinitrotoluene	28	20	4.7	ug/L	50.000	ND	57	29-119			
4-Nitrophenol	39	50	4.2	ug/L	100.00	ND	39	10-53			J
N-Nitrosodi-n-propylamine	25	10	6.1	ug/L	50.000	ND	50	41-106			
Pentachlorophenol	73	20	6.0	ug/L	100.00	ND	73	42-137			
Phenol	51	10	2.9	ug/L	100.00	18	33	14-43			
Pyrene	30	10	4.5	ug/L	50.000	ND	59	51-131			
1,2,4-Trichlorobenzene	20	10	3.3	ug/L	50.000	ND	40	40-99			
Surrogate: 2-Fluorophenol	27.53			ug/L	100.00		28	10-88			
Surrogate: Phenol-d6	31.70			ug/L	100.00		32	10-61			
Surrogate: Nitrobenzene-d5	17.17			ug/L	50.000		34	28-109			
Surrogate: 2-Fluorobiphenyl	22.64			ug/L	50.000		45	38-112			
Surrogate: 2,4,6-Tribromophenol	64.50			ug/L	100.00		64	10-165			
Surrogate: p-Terphenyl-d14	23.74			ug/L	50.000		47	10-142			



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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 2070052 - EPA 3510C											
Matrix Spike Dup (2070052-MSD1)				Source: AVG0021-01			Prepared & Analyzed: 07/03/12				
Acenaphthene	27	10	4.7	ug/L	50.000	ND	54	48-108	0.5	35	
4-Chloro-3-methylphenol	68	10	5.7	ug/L	100.00	ND	68	38-124	7	31	
2-Chlorophenol	37	10	4.1	ug/L	100.00	ND	37	42-105	16	38	QM-05
1,4-Dichlorobenzene	15	10	2.8	ug/L	50.000	ND	30	39-90	12	35	QM-05
2,4-Dinitrotoluene	32	20	4.7	ug/L	50.000	ND	65	29-119	14	39	
4-Nitrophenol	41	50	4.2	ug/L	100.00	ND	41	10-53	6	34	J
N-Nitrosodi-n-propylamine	22	10	6.1	ug/L	50.000	ND	44	41-108	12	36	
Pentachlorophenol	81	20	6.0	ug/L	100.00	ND	81	42-137	10	38	
Phenol	45	10	2.9	ug/L	100.00	18	27	14-43	12	38	
Pyrene	32	10	4.5	ug/L	50.000	ND	63	51-131	6	27	
1,2,4-Trichlorobenzene	17	10	3.3	ug/L	50.000	ND	34	40-99	16	35	QM-05
Surrogate: 2-Fluorophenol	23.75			ug/L	100.00		24	10-88			
Surrogate: Phenol-d6	28.12			ug/L	100.00		28	10-61			
Surrogate: Nitrobenzene-d5	15.49			ug/L	50.000		31	28-109			
Surrogate: 2-Fluorobiphenyl	20.18			ug/L	50.000		40	38-112			
Surrogate: 2,4,6-Tribromophenol	67.63			ug/L	100.00		68	10-165			
Surrogate: p-Terphenyl-d14	23.84			ug/L	50.000		48	10-142			



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Laboratory Certifications

Code	Description	Number	Expires
LA	Louisiana	02069	06/30/2012
NC	North Carolina	381	12/31/2012
NELAC	NELAC (Non-Potable Water, Solids)	E87315	06/30/2013
SC	South Carolina	98011001	06/30/2012
TX	Texas	T104704397-08-TX	03/31/2013
VA	Virginia	1340	12/14/2012



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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

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.

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

LOG-IN CHECKLIST

Printed: 7/5/2012 1:00:13PM

Attn: Mr. Bob Schoepke

Client: Safety-Kleen Corporation - Elgin
Project: Tampa, FL
Date Received: 07/03/12 08:00

Work Order: AVG0021
Logged In By: Charles Hawks

OBSERVATIONS

#Samples: 2 #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:



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: AVG0584

July 31, 2012

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.



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

Attention: Mr. Bob Schoepke

July 31, 2012

ANALYTICAL REPORT FOR SAMPLES

<u>Sample ID</u>	<u>Laboratory ID</u>	<u>Matrix</u>	<u>Date Sampled</u>	<u>Date Received</u>
MW-7-071912	AVG0584-01	Ground Water	07/19/12 09:30	07/20/12 08:10
MW-6D-071912	AVG0584-02	Ground Water	07/19/12 10:15	07/20/12 08:10
MW-3-071912	AVG0584-03	Ground Water	07/19/12 10:01	07/20/12 08:10
MW-4-071912	AVG0584-04	Ground Water	07/19/12 11:23	07/20/12 08:10
MW-1-071912	AVG0584-05	Ground Water	07/19/12 12:52	07/20/12 08:10
MW-2-071912	AVG0584-06	Ground Water	07/19/12 11:35	07/20/12 08:10
Trip Blank	AVG0584-07	Water	07/19/12 00:00	07/20/12 08:10



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

Attention: Mr. Bob Schoepke

July 31, 2012

Report No.: AVG0584

Project: Tampa, FL

Client ID: MW-7-071912

Lab Number ID: AVG0584-01

Date/Time Sampled: 7/19/2012 9:30:00AM

Date/Time Received: 7/20/2012 8:10:00AM

Matrix: Ground Water

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Volatile Organic Compounds by EPA 8260											
Acetone	ND	100	6.1	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:02	2070542	CJH
Acrolein	ND	14	2.8	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:02	2070542	CJH
Acrylonitrile	ND	4.0	1.9	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:02	2070542	CJH
Allyl Chloride (3-Chloropropylene)	ND	10	1.1	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:02	2070542	CJH
Benzene	ND	1.0	0.1	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:02	2070542	CJH
Bromobenzene	ND	10	0.2	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:02	2070542	CJH
Bromochloromethane	ND	10	0.4	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:02	2070542	CJH
Bromodichloromethane	ND	1.0	0.3	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:02	2070542	CJH
Bromoform	ND	4.4	1.0	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:02	2070542	CJH
Bromomethane	ND	9.8	2.0	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:02	2070542	CJH
n-Butylbenzene	ND	10	0.8	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:02	2070542	CJH
sec-Butylbenzene	ND	10	0.2	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:02	2070542	CJH
tert-Butylbenzene	ND	10	0.8	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:02	2070542	CJH
Carbon Disulfide	ND	10	1.5	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:02	2070542	CJH
Carbon Tetrachloride	ND	2.0	0.9	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:02	2070542	CJH
Chlorobenzene	ND	10	0.3	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:02	2070542	CJH
1-Chlorobutane	ND	10	0.3	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:02	2070542	CJH
Chloroethane	ND	5.0	0.7	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:02	2070542	CJH
2-Chloroethyl Vinyl Ether	ND	10	0.8	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:02	2070542	CJH
Chloroform	ND	2.0	0.4	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:02	2070542	CJH
Chloromethane	ND	2.7	0.1	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:02	2070542	CJH
2-Chlorotoluene	ND	10	0.2	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:02	2070542	CJH
4-Chlorotoluene	ND	10	0.3	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:02	2070542	CJH
Dibromochloromethane	ND	1.0	0.2	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:02	2070542	CJH
1,2-Dibromo-3-chloropropane	ND	5.0	1.0	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:02	2070542	CJH
1,2-Dibromoethane	ND	2.0	0.3	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:02	2070542	CJH
Dibromomethane	ND	10	0.4	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:02	2070542	CJH
1,2-Dichlorobenzene	ND	10	0.3	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:02	2070542	CJH
1,3-Dichlorobenzene	ND	10	0.2	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:02	2070542	CJH
1,4-Dichlorobenzene	ND	10	0.3	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:02	2070542	CJH
trans-1,4-Dichloro-2-butene	ND	5.0	0.9	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:02	2070542	CJH
Dichlorodifluoromethane	ND	10	0.6	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:02	2070542	CJH



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

Attention: Mr. Bob Schospke

July 31, 2012

Report No.: AVG0584

Project: Tampa, FL

Client ID: MW-7-071912

Lab Number ID: AVG0584-01

Date/Time Sampled: 7/19/2012 9:30:00AM

Date/Time Received: 7/20/2012 8:10:00AM

Matrix: Ground Water

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Volatile Organic Compounds by EPA 8260											
1,1-Dichloroethane	ND	2.0	0.2	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:02	2070542	CJH
1,2-Dichloroethane	ND	2.0	0.2	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:02	2070542	CJH
1,1-Dichloroethene	ND	2.0	0.2	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:02	2070542	CJH
cis-1,2-Dichloroethene	ND	2.0	0.2	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:02	2070542	CJH
trans-1,2-Dichloroethene	ND	2.0	0.3	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:02	2070542	CJH
1,2-Dichloroethene (total)	ND	2.0	0.3	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:02	2070542	CJH
1,2-Dichloropropane	ND	2.0	0.2	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:02	2070542	CJH
1,3-Dichloropropane	ND	2.0	0.4	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:02	2070542	CJH
2,2-Dichloropropane	ND	10	1.2	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:02	2070542	CJH
1,1-Dichloropropene	ND	10	0.2	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:02	2070542	CJH
cis-1,3-Dichloropropene	ND	1.0	0.3	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:02	2070542	CJH
trans-1,3-Dichloropropene	ND	2.0	0.3	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:02	2070542	CJH
Ethylbenzene	ND	2.0	0.3	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:02	2070542	CJH
Ethyl Methacrylate	ND	10	0.9	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:02	2070542	CJH
Hexachlorobutadiene	ND	2.0	0.4	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:02	2070542	CJH
p-Isopropyltoluene	ND	10	0.8	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:02	2070542	CJH
Hexachloroethane	ND	4.0	2.4	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:02	2070542	CJH
Iodomethane	ND	10	1.8	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:02	2070542	CJH
Isopropylbenzene	ND	10	0.8	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:02	2070542	CJH
Methacrylonitrile	ND	5.0	0.5	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:02	2070542	CJH
Methyl Acrylate	ND	10	1.5	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:02	2070542	CJH
Methyl Butyl Ketone (2-Hexanone)	ND	10	1.3	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:02	2070542	CJH
Methylene Chloride	ND	5.0	0.2	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:02	2070542	CJH
Methyl Ethyl Ketone (2-Butanone)	ND	100	1.3	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:02	2070542	CJH
Methyl Methacrylate	ND	10	1.0	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:02	2070542	CJH
4-Methyl-2-pentanone (MIBK)	ND	10	1.3	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:02	2070542	CJH
Methyl-tert-Butyl Ether	ND	10	0.4	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:02	2070542	CJH
Naphthalene	ND	10	0.9	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:02	2070542	CJH
2-Nitropropane	ND	10	3.9	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:02	2070542	CJH
Propionitrile (Ethyl Cyanide)	ND	20	3.6	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:02	2070542	CJH
n-Propylbenzene	ND	10	0.9	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:02	2070542	CJH
Styrene	ND	5.0	0.7	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:02	2070542	CJH



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

Attention: Mr. Bob Schoepke

July 31, 2012

Report No.: AVG0584

Project: Tampa, FL

Client ID: MW-7-071912

Lab Number ID: AVG0584-01

Date/Time Sampled: 7/19/2012 9:30:00AM

Date/Time Received: 7/20/2012 8:10:00AM

Matrix: Ground Water

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Volatile Organic Compounds by EPA 8260											
1,1,1,2-Tetrachloroethane	ND	1.3	0.5	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:02	2070542	CJH
1,1,2,2-Tetrachloroethane	ND	1.0	0.2	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:02	2070542	CJH
Tetrachloroethane	ND	2.0	0.2	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:02	2070542	CJH
Toluene	ND	2.0	0.2	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:02	2070542	CJH
1,2,3-Trichlorobenzene	ND	10	0.6	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:02	2070542	CJH
1,2,4-Trichlorobenzene	ND	10	0.5	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:02	2070542	CJH
1,1,1-Trichloroethane	ND	2.0	0.4	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:02	2070542	CJH
1,1,2-Trichloroethane	ND	2.0	0.4	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:02	2070542	CJH
Trichloroethane	ND	2.0	0.2	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:02	2070542	CJH
Trichlorofluoromethane	ND	10	0.2	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:02	2070542	CJH
1,2,3-Trichloropropane	ND	1.0	0.9	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:02	2070542	CJH
1,2,4-Trimethylbenzene	ND	10	0.8	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:02	2070542	CJH
1,3,5-Trimethylbenzene	ND	10	0.9	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:02	2070542	CJH
Vinyl Acetate	ND	10	0.3	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:02	2070542	CJH
Vinyl Chloride	ND	1.0	0.2	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:02	2070542	CJH
m+p-Xylene	ND	5.0	0.4	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:02	2070542	CJH
o-Xylene	ND	5.0	0.8	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:02	2070542	CJH
Xylenes, total	ND	5.0	0.8	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:02	2070542	CJH
Surrogate: Dibromofluoromethane	92 %	75-123			EPA 8260B			07/20/12 11:30	07/20/12 12:02	2070542	
Surrogate: 1,2-Dichloroethane-d4	94 %	72-120			EPA 8260B			07/20/12 11:30	07/20/12 12:02	2070542	
Surrogate: Toluene-d8	99 %	75-120			EPA 8260B			07/20/12 11:30	07/20/12 12:02	2070542	
Surrogate: 4-Bromofluorobenzene	98 %	80-120			EPA 8260B			07/20/12 11:30	07/20/12 12:02	2070542	



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Elgin IL, 60120

Attention: Mr. Bob Schoepke

July 31, 2012

Report No.: AVG0584

Project: Tampa, FL

Client ID: MW-7-071912

Lab Number ID: AVG0584-01

Date/Time Sampled: 7/19/2012 9:30:00AM

Date/Time Received: 7/20/2012 8:10:00AM

Matrix: Ground Water

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Int.
Semivolatile Organic Compounds by EPA 8270											
Acenaphthene	ND	10	4.7	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 15:35	2070591	RAC
Acenaphthylene	ND	10	4.6	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 15:35	2070591	RAC
Anthracene	ND	10	4.3	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 15:35	2070591	RAC
Benzo(a)anthracene	ND	10	4.1	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 15:35	2070591	RAC
Benzo(a)pyrene	ND	10	4.8	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 15:35	2070591	RAC
Benzo(b)fluoranthene	ND	10	4.4	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 15:35	2070591	RAC
Benzo(ghi)perylene	ND	10	5.5	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 15:35	2070591	RAC
Benzo(k)fluoranthene	ND	10	5.0	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 15:35	2070591	RAC
Benzoic acid	ND	50	3.1	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 15:35	2070591	RAC
Benzyl alcohol	ND	20	5.1	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 15:35	2070591	RAC
Benzyl butyl phthalate	ND	10	6.3	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 15:35	2070591	RAC
4-Bromophenyl phenyl ether	ND	10	5.0	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 15:35	2070591	RAC
Di-n-butyl phthalate	ND	10	4.8	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 15:35	2070591	RAC
4-Chloroaniline	ND	20	4.1	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 15:35	2070591	RAC
Bis(2-chloroethoxy)methane	ND	10	4.4	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 15:35	2070591	RAC
Bis(2-chloroethyl)ether	ND	10	3.3	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 15:35	2070591	RAC
Bis(2-chloroisopropyl)ether	ND	10	3.7	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 15:35	2070591	RAC
4-Chloro-3-methylphenol	ND	10	5.7	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 15:35	2070591	RAC
2-Chloronaphthalene	ND	10	4.2	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 15:35	2070591	RAC
2-Chlorophenol	ND	10	4.1	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 15:35	2070591	RAC
4-Chlorophenyl phenyl ether	ND	10	4.2	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 15:35	2070591	RAC
Chrysene	ND	10	4.0	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 15:35	2070591	RAC
Dibenzo(a,h)anthracene	ND	10	4.5	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 15:35	2070591	RAC
Dibenzofuran	ND	10	4.5	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 15:35	2070591	RAC
1,2-Dichlorobenzene	ND	10	3.3	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 15:35	2070591	RAC
1,3-Dichlorobenzene	ND	10	2.8	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 15:35	2070591	RAC
1,4-Dichlorobenzene	ND	10	2.8	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 15:35	2070591	RAC
3,3'-Dichlorobenzidine	ND	20	5.0	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 15:35	2070591	RAC
2,4-Dichlorophenol	ND	10	5.3	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 15:35	2070591	RAC
Diethyl phthalate	ND	10	3.9	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 15:35	2070591	RAC
2,4-Dimethylphenol	ND	10	4.4	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 15:35	2070591	RAC
Dimethyl phthalate	ND	10	4.0	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 15:35	2070591	RAC



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

July 31, 2012

Report No.: AVG0584

Project: Tampa, FL

Client ID: MW-7-071912

Lab Number ID: AVG0584-01

Date/Time Sampled: 7/19/2012 9:30:00AM

Date/Time Received: 7/20/2012 8:10:00AM

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	5.8	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 15:35	2070591	RAC
2,4-Dinitrophenol	ND	50	7.2	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 15:35	2070591	RAC
2,4-Dinitrotoluene	ND	20	4.7	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 15:35	2070591	RAC
2,6-Dinitrotoluene	ND	20	4.6	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 15:35	2070591	RAC
Bis(2-ethylhexyl)phthalate	ND	10	5.9	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 15:35	2070591	RAC
Fluoranthene	ND	10	4.5	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 15:35	2070591	RAC
Fluorene	ND	10	4.4	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 15:35	2070591	RAC
Hexachlorobenzene	ND	10	3.9	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 15:35	2070591	RAC
Hexachlorobutadiene	ND	10	4.2	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 15:35	2070591	RAC
Hexachlorocyclopentadiene	ND	10	5.8	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 15:35	2070591	RAC
Hexachloroethane	ND	10	3.4	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 15:35	2070591	RAC
Indeno(1,2,3-cd)pyrene	ND	10	5.0	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 15:35	2070591	RAC
Isophorone	ND	10	4.4	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 15:35	2070591	RAC
2-Methylnaphthalene	ND	10	5.1	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 15:35	2070591	RAC
2-Methylphenol (o-cresol)	ND	10	5.0	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 15:35	2070591	RAC
3+4-Methylphenol (m+p-cresol)	ND	10	5.4	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 15:35	2070591	RAC
Naphthalene	ND	10	3.7	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 15:35	2070591	RAC
2-Nitroaniline	ND	50	6.3	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 15:35	2070591	RAC
3-Nitroaniline	ND	50	5.5	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 15:35	2070591	RAC
4-Nitroaniline	ND	50	5.9	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 15:35	2070591	RAC
Nitrobenzene	ND	10	4.1	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 15:35	2070591	RAC
2-Nitrophenol	ND	50	4.9	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 15:35	2070591	RAC
4-Nitrophenol	ND	50	4.2	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 15:35	2070591	RAC
N-Nitrosodimethylamine	ND	10	2.5	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 15:35	2070591	RAC
N-Nitrosodiphenylamine/Diphenylamine	ND	10	3.8	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 15:35	2070591	RAC
N-Nitrosodi-n-propylamine	ND	10	6.1	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 15:35	2070591	RAC
Di-n-octyl phthalate	ND	10	6.3	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 15:35	2070591	RAC
Pentachlorophenol	ND	20	6.0	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 15:35	2070591	RAC
Phenanthrene	ND	10	4.0	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 15:35	2070591	RAC
Phenol	ND	10	2.9	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 15:35	2070591	RAC
Pyrene	ND	10	4.5	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 15:35	2070591	RAC
1,2,4-Trichlorobenzene	ND	10	3.3	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 15:35	2070591	RAC



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Safety-Kleen Corporation - Elgin
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Elgin IL, 60120

Attention: Mr. Bob Schoepke

July 31, 2012

Report No.: AVG0584

Project: Tampa, FL

Client ID: MW-7-071912

Lab Number ID: AVG0584-01

Date/Time Sampled: 7/19/2012 9:30:00AM

Date/Time Received: 7/20/2012 8:10:00AM

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	5.9	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 15:35	2070591	RAC
2,4,6-Trichlorophenol	ND	10	5.5	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 15:35	2070591	RAC
Surrogate: 2-Fluorophenol	39 %		10-88		EPA 8270D			07/24/12 09:30	07/24/12 15:35	2070591	
Surrogate: Phenol-d6	32 %		10-61		EPA 8270D			07/24/12 09:30	07/24/12 15:35	2070591	
Surrogate: Nitrobenzene-d5	46 %		28-109		EPA 8270D			07/24/12 09:30	07/24/12 15:35	2070591	
Surrogate: 2-Fluorobiphenyl	53 %		38-112		EPA 8270D			07/24/12 09:30	07/24/12 15:35	2070591	
Surrogate: 2,4,6-Tribromophenol	74 %		10-165		EPA 8270D			07/24/12 09:30	07/24/12 15:35	2070591	
Surrogate: p-Terphenyl-d14	79 %		10-142		EPA 8270D			07/24/12 09:30	07/24/12 15:35	2070591	



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1502 E. Villa Street
Elgin IL, 60120

Attention: Mr. Bob Schospke

July 31, 2012

Report No.: AVG0584

Project: Tampa, FL

Client ID: MW-6D-071912

Lab Number ID: AVG0584-02

Date/Time Sampled: 7/19/2012 10:15:00AM

Date/Time Received: 7/20/2012 8:10:00AM

Matrix: Ground Water

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Volatile Organic Compounds by EPA 8260											
Acetone	ND	100	6.1	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:30	2070542	CJH
Acrolein	ND	14	2.8	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:30	2070542	CJH
Acrylonitrile	ND	4.0	1.9	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:30	2070542	CJH
Allyl Chloride (3-Chloropropylene)	ND	10	1.1	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:30	2070542	CJH
Benzene	ND	1.0	0.1	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:30	2070542	CJH
Bromobenzene	ND	10	0.2	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:30	2070542	CJH
Bromochloromethane	ND	10	0.4	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:30	2070542	CJH
Bromodichloromethane	ND	1.0	0.3	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:30	2070542	CJH
Bromoform	ND	4.4	1.0	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:30	2070542	CJH
Bromomethane	ND	9.8	2.0	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:30	2070542	CJH
n-Butylbenzene	ND	10	0.8	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:30	2070542	CJH
sec-Butylbenzene	ND	10	0.2	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:30	2070542	CJH
tert-Butylbenzene	ND	10	0.8	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:30	2070542	CJH
Carbon Disulfide	ND	10	1.5	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:30	2070542	CJH
Carbon Tetrachloride	ND	2.0	0.9	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:30	2070542	CJH
Chlorobenzene	ND	10	0.3	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:30	2070542	CJH
1-Chlorobutane	ND	10	0.3	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:30	2070542	CJH
Chloroethane	ND	5.0	0.7	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:30	2070542	CJH
2-Chloroethyl Vinyl Ether	ND	10	0.8	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:30	2070542	CJH
Chloroform	ND	2.0	0.4	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:30	2070542	CJH
Chloromethane	ND	2.7	0.1	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:30	2070542	CJH
2-Chlorotoluene	ND	10	0.2	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:30	2070542	CJH
4-Chlorotoluene	ND	10	0.3	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:30	2070542	CJH
Dibromochloromethane	ND	1.0	0.2	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:30	2070542	CJH
1,2-Dibromo-3-chloropropane	ND	5.0	1.0	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:30	2070542	CJH
1,2-Dibromoethane	ND	2.0	0.3	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:30	2070542	CJH
Dibromomethane	ND	10	0.4	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:30	2070542	CJH
1,2-Dichlorobenzene	ND	10	0.3	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:30	2070542	CJH
1,3-Dichlorobenzene	ND	10	0.2	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:30	2070542	CJH
1,4-Dichlorobenzene	ND	10	0.3	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:30	2070542	CJH
trans-1,4-Dichloro-2-butene	ND	5.0	0.9	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:30	2070542	CJH
Dichlorodifluoromethane	ND	10	0.6	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:30	2070542	CJH



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Elgin IL, 60120

Attention: Mr. Bob Schoepke

July 31, 2012

Report No.: AVG0584

Project: Tampa, FL

Client ID: MW-6D-071912

Lab Number ID: AVG0584-02

Date/Time Sampled: 7/19/2012 10:15:00AM

Date/Time Received: 7/20/2012 8:10:00AM

Matrix: Ground Water

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Volatile Organic Compounds by EPA 8260											
1,1-Dichloroethane	ND	2.0	0.2	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:30	2070542	CJH
1,2-Dichloroethane	ND	2.0	0.2	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:30	2070542	CJH
1,1-Dichloroethene	ND	2.0	0.2	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:30	2070542	CJH
cis-1,2-Dichloroethene	ND	2.0	0.2	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:30	2070542	CJH
trans-1,2-Dichloroethene	ND	2.0	0.3	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:30	2070542	CJH
1,2-Dichloroethene (total)	ND	2.0	0.3	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:30	2070542	CJH
1,2-Dichloropropane	ND	2.0	0.2	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:30	2070542	CJH
1,3-Dichloropropane	ND	2.0	0.4	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:30	2070542	CJH
2,2-Dichloropropane	ND	10	1.2	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:30	2070542	CJH
1,1-Dichloropropene	ND	10	0.2	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:30	2070542	CJH
cis-1,3-Dichloropropene	ND	1.0	0.3	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:30	2070542	CJH
trans-1,3-Dichloropropene	ND	2.0	0.3	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:30	2070542	CJH
Ethylbenzene	ND	2.0	0.3	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:30	2070542	CJH
Ethyl Methacrylate	ND	10	0.9	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:30	2070542	CJH
Hexachlorobutadiene	ND	2.0	0.4	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:30	2070542	CJH
p-Isopropyltoluene	ND	10	0.8	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:30	2070542	CJH
Hexachloroethane	ND	4.0	2.4	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:30	2070542	CJH
Iodomethane	ND	10	1.8	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:30	2070542	CJH
Isopropylbenzene	ND	10	0.8	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:30	2070542	CJH
Methacrylonitrile	ND	5.0	0.5	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:30	2070542	CJH
Methyl Acrylate	ND	10	1.5	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:30	2070542	CJH
Methyl Butyl Ketone (2-Hexanone)	ND	10	1.3	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:30	2070542	CJH
Methylene Chloride	ND	5.0	0.2	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:30	2070542	CJH
Methyl Ethyl Ketone (2-Butanone)	ND	100	1.3	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:30	2070542	CJH
Methyl Methacrylate	ND	10	1.0	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:30	2070542	CJH
4-Methyl-2-pentanone (MIBK)	ND	10	1.3	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:30	2070542	CJH
Methyl-tert-Butyl Ether	ND	10	0.4	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:30	2070542	CJH
Naphthalene	ND	10	0.9	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:30	2070542	CJH
2-Nitropropane	ND	10	3.9	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:30	2070542	CJH
Propionitrile (Ethyl Cyanide)	ND	20	3.6	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:30	2070542	CJH
n-Propylbenzene	ND	10	0.9	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:30	2070542	CJH
Styrene	ND	5.0	0.7	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:30	2070542	CJH



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Elgin IL, 60120

Attention: Mr. Bob Schoepke

July 31, 2012

Report No.: AVG0584

Project: Tampa, FL

Client ID: MW-6D-071912

Lab Number ID: AVG0584-02

Date/Time Sampled: 7/19/2012 10:15:00AM

Date/Time Received: 7/20/2012 8:10:00AM

Matrix: Ground Water

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Volatile Organic Compounds by EPA 8260											
1,1,1,2-Tetrachloroethane	ND	1.3	0.5	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:30	2070542	CJH
1,1,2,2-Tetrachloroethane	ND	1.0	0.2	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:30	2070542	CJH
Tetrachloroethane	ND	2.0	0.2	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:30	2070542	CJH
Toluene	ND	2.0	0.2	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:30	2070542	CJH
1,2,3-Trichlorobenzene	ND	10	0.6	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:30	2070542	CJH
1,2,4-Trichlorobenzene	ND	10	0.5	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:30	2070542	CJH
1,1,1-Trichloroethane	ND	2.0	0.4	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:30	2070542	CJH
1,1,2-Trichloroethane	ND	2.0	0.4	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:30	2070542	CJH
Trichloroethane	ND	2.0	0.2	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:30	2070542	CJH
Trichlorofluoromethane	ND	10	0.2	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:30	2070542	CJH
1,2,3-Trichloropropane	ND	1.0	0.9	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:30	2070542	CJH
1,2,4-Trimethylbenzene	ND	10	0.8	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:30	2070542	CJH
1,3,5-Trimethylbenzene	ND	10	0.9	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:30	2070542	CJH
Vinyl Acetate	ND	10	0.3	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:30	2070542	CJH
Vinyl Chloride	ND	1.0	0.2	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:30	2070542	CJH
m+p-Xylene	ND	5.0	0.4	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:30	2070542	CJH
o-Xylene	ND	5.0	0.8	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:30	2070542	CJH
Xylenes, total	ND	5.0	0.8	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:30	2070542	CJH
Surrogate: Dibromofluoromethane	92 %	75-123			EPA 8260B			07/20/12 11:30	07/20/12 12:30	2070542	
Surrogate: 1,2-Dichloroethane-d4	96 %	72-120			EPA 8260B			07/20/12 11:30	07/20/12 12:30	2070542	
Surrogate: Toluene-d8	99 %	75-120			EPA 8260B			07/20/12 11:30	07/20/12 12:30	2070542	
Surrogate: 4-Bromofluorobenzene	99 %	80-120			EPA 8260B			07/20/12 11:30	07/20/12 12:30	2070542	



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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

July 31, 2012

Report No.: AVG0584

Project: Tampa, FL

Client ID: MW-6D-071912

Lab Number ID: AVG0584-02

Date/Time Sampled: 7/19/2012 10:15:00AM

Date/Time Received: 7/20/2012 8:10:00AM

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	9.4	4.4	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:00	2070591	RAC
Acenaphthylene	ND	9.4	4.3	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:00	2070591	RAC
Anthracene	ND	9.4	4.1	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:00	2070591	RAC
Benzo(a)anthracene	ND	9.4	3.8	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:00	2070591	RAC
Benzo(a)pyrene	ND	9.4	4.6	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:00	2070591	RAC
Benzo(b)fluoranthene	ND	9.4	4.1	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:00	2070591	RAC
Benzo(ghi)perylene	ND	9.4	5.2	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:00	2070591	RAC
Benzo(k)fluoranthene	ND	9.4	4.7	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:00	2070591	RAC
Benzoic acid	ND	47	2.9	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:00	2070591	RAC
Benzyl alcohol	ND	19	4.8	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:00	2070591	RAC
Benzyl butyl phthalate	ND	9.4	5.9	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:00	2070591	RAC
4-Bromophenyl phenyl ether	ND	9.4	4.7	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:00	2070591	RAC
Di-n-butyl phthalate	ND	9.4	4.5	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:00	2070591	RAC
4-Chloroaniline	ND	19	3.9	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:00	2070591	RAC
Bis(2-chloroethoxy)methane	ND	9.4	4.1	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:00	2070591	RAC
Bis(2-chloroethyl)ether	ND	9.4	3.1	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:00	2070591	RAC
Bis(2-chloroisopropyl)ether	ND	9.4	3.5	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:00	2070591	RAC
4-Chloro-3-methylphenol	ND	9.4	5.4	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:00	2070591	RAC
2-Chloronaphthalene	ND	9.4	4.0	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:00	2070591	RAC
2-Chlorophenol	ND	9.4	3.9	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:00	2070591	RAC
4-Chlorophenyl phenyl ether	ND	9.4	3.9	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:00	2070591	RAC
Chrysene	ND	9.4	3.7	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:00	2070591	RAC
Dibenzo(a,h)anthracene	ND	9.4	4.2	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:00	2070591	RAC
Dibenzofuran	ND	9.4	4.3	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:00	2070591	RAC
1,2-Dichlorobenzene	ND	9.4	3.1	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:00	2070591	RAC
1,3-Dichlorobenzene	ND	9.4	2.7	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:00	2070591	RAC
1,4-Dichlorobenzene	ND	9.4	2.7	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:00	2070591	RAC
3,3'-Dichlorobenzidine	ND	19	4.7	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:00	2070591	RAC
2,4-Dichlorophenol	ND	9.4	5.0	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:00	2070591	RAC
Diethyl phthalate	ND	9.4	3.7	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:00	2070591	RAC
2,4-Dimethylphenol	ND	9.4	4.2	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:00	2070591	RAC
Dimethyl phthalate	ND	9.4	3.8	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:00	2070591	RAC



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1502 E. Villa Street
Elgin IL, 60120

Attention: Mr. Bob Schoepke

July 31, 2012

Report No.: AVG0584

Project: Tampa, FL

Client ID: MW-6D-071912

Lab Number ID: AVG0584-02

Date/Time Sampled: 7/19/2012 10:15:00AM

Date/Time Received: 7/20/2012 8:10:00AM

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	47	5.4	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:00	2070591	RAC
2,4-Dinitrophenol	ND	47	6.8	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:00	2070591	RAC
2,4-Dinitrotoluene	ND	19	4.4	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:00	2070591	RAC
2,6-Dinitrotoluene	ND	19	4.4	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:00	2070591	RAC
Bis(2-ethylhexyl)phthalate	ND	9.4	5.6	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:00	2070591	RAC
Fluoranthene	ND	9.4	4.3	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:00	2070591	RAC
Fluorene	ND	9.4	4.1	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:00	2070591	RAC
Hexachlorobenzene	ND	9.4	3.7	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:00	2070591	RAC
Hexachlorobutadiene	ND	9.4	3.9	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:00	2070591	RAC
Hexachlorocyclopentadiene	ND	9.4	5.4	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:00	2070591	RAC
Hexachloroethane	ND	9.4	3.2	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:00	2070591	RAC
Indeno(1,2,3-cd)pyrene	ND	9.4	4.7	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:00	2070591	RAC
Isophorone	ND	9.4	4.2	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:00	2070591	RAC
2-Methylnaphthalene	ND	9.4	4.8	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:00	2070591	RAC
2-Methylphenol (o-cresol)	ND	9.4	4.7	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:00	2070591	RAC
3+4-Methylphenol (m+p-cresol)	ND	9.4	5.1	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:00	2070591	RAC
Naphthalene	ND	9.4	3.5	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:00	2070591	RAC
2-Nitroaniline	ND	47	5.9	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:00	2070591	RAC
3-Nitroaniline	ND	47	5.2	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:00	2070591	RAC
4-Nitroaniline	ND	47	5.6	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:00	2070591	RAC
Nitrobenzene	ND	9.4	3.8	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:00	2070591	RAC
2-Nitrophenol	ND	47	4.6	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:00	2070591	RAC
4-Nitrophenol	ND	47	4.0	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:00	2070591	RAC
N-Nitrosodimethylamine	ND	9.4	2.4	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:00	2070591	RAC
N-Nitrosodiphenylamine/Diphenylamine	ND	9.4	3.6	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:00	2070591	RAC
N-Nitrosodi-n-propylamine	ND	9.4	5.7	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:00	2070591	RAC
Di-n-octyl phthalate	ND	9.4	5.9	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:00	2070591	RAC
Pentachlorophenol	ND	19	5.7	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:00	2070591	RAC
Phenanthrene	ND	9.4	3.8	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:00	2070591	RAC
Phenol	ND	9.4	2.7	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:00	2070591	RAC
Pyrene	ND	9.4	4.3	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:00	2070591	RAC
1,2,4-Trichlorobenzene	ND	9.4	3.1	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:00	2070591	RAC



ANALYTICAL SERVICES, INC.

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

Attention: Mr. Bob Schoepke

July 31, 2012

Report No.: AVG0584

Project: Tampa, FL

Client ID: MW-6D-071912

Lab Number ID: AVG0584-02

Date/Time Sampled: 7/19/2012 10:15:00AM

Date/Time Received: 7/20/2012 8:10:00AM

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	9.4	5.5	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:00	2070591	RAC
2,4,6-Trichlorophenol	ND	9.4	5.2	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:00	2070591	RAC
Surrogate: 2-Fluorophenol	35 %		10-88		EPA 8270D			07/24/12 09:30	07/24/12 16:00	2070591	
Surrogate: Phenol-d6	23 %		10-81		EPA 8270D			07/24/12 09:30	07/24/12 16:00	2070591	
Surrogate: Nitrobenzene-d5	59 %		28-109		EPA 8270D			07/24/12 09:30	07/24/12 16:00	2070591	
Surrogate: 2-Fluorobiphenyl	68 %		38-112		EPA 8270D			07/24/12 09:30	07/24/12 16:00	2070591	
Surrogate: 2,4,6-Tribromophenol	82 %		10-165		EPA 8270D			07/24/12 09:30	07/24/12 16:00	2070591	
Surrogate: p-Terphenyl-d14	72 %		10-142		EPA 8270D			07/24/12 09:30	07/24/12 16:00	2070591	



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Elgin IL, 60120

Attention: Mr. Bob Schoepke

July 31, 2012

Report No.: AVG0584

Project: Tampa, FL

Client ID: MW-3-071912

Lab Number ID: AVG0584-03

Date/Time Sampled: 7/19/2012 10:01:00AM

Date/Time Received: 7/20/2012 8:10:00AM

Matrix: Ground Water

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Volatile Organic Compounds by EPA 8260											
Acetone	ND	100	6.1	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:58	2070542	CJH
Acrolein	ND	14	2.8	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:58	2070542	CJH
Acrylonitrile	ND	4.0	1.9	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:58	2070542	CJH
Allyl Chloride (3-Chloropropylene)	ND	10	1.1	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:58	2070542	CJH
Benzene	ND	1.0	0.1	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:58	2070542	CJH
Bromobenzene	ND	10	0.2	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:58	2070542	CJH
Bromochloromethane	ND	10	0.4	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:58	2070542	CJH
Bromodichloromethane	ND	1.0	0.3	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:58	2070542	CJH
Bromoform	ND	4.4	1.0	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:58	2070542	CJH
Bromomethane	ND	9.8	2.0	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:58	2070542	CJH
n-Butylbenzene	ND	10	0.8	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:58	2070542	CJH
sec-Butylbenzene	ND	10	0.2	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:58	2070542	CJH
tert-Butylbenzene	ND	10	0.8	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:58	2070542	CJH
Carbon Disulfide	ND	10	1.5	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:58	2070542	CJH
Carbon Tetrachloride	ND	2.0	0.9	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:58	2070542	CJH
Chlorobenzene	ND	10	0.3	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:58	2070542	CJH
1-Chlorobutane	ND	10	0.3	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:58	2070542	CJH
Chloroethane	ND	5.0	0.7	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:58	2070542	CJH
2-Chloroethyl Vinyl Ether	ND	10	0.8	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:58	2070542	CJH
Chloroform	ND	2.0	0.4	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:58	2070542	CJH
Chloromethane	ND	2.7	0.1	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:58	2070542	CJH
2-Chlorotoluene	ND	10	0.2	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:58	2070542	CJH
4-Chlorotoluene	ND	10	0.3	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:58	2070542	CJH
Dibromochloromethane	ND	1.0	0.2	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:58	2070542	CJH
1,2-Dibromo-3-chloropropane	ND	5.0	1.0	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:58	2070542	CJH
1,2-Dibromoethane	ND	2.0	0.3	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:58	2070542	CJH
Dibromomethane	ND	10	0.4	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:58	2070542	CJH
1,2-Dichlorobenzene	ND	10	0.3	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:58	2070542	CJH
1,3-Dichlorobenzene	ND	10	0.2	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:58	2070542	CJH
1,4-Dichlorobenzene	ND	10	0.3	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:58	2070542	CJH
trans-1,4-Dichloro-2-butene	ND	5.0	0.9	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:58	2070542	CJH
Dichlorodifluoromethane	ND	10	0.6	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:58	2070542	CJH



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Attention: Mr. Bob Schoepke

July 31, 2012

Report No.: AVG0584

Project: Tampa, FL

Client ID: MW-3-071912

Lab Number ID: AVG0584-03

Date/Time Sampled: 7/18/2012 10:01:00AM

Date/Time Received: 7/20/2012 8:10:00AM

Matrix: Ground Water

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Volatile Organic Compounds by EPA 8260											
1,1-Dichloroethane	ND	2.0	0.2	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:58	2070542	CJH
1,2-Dichloroethane	ND	2.0	0.2	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:58	2070542	CJH
1,1-Dichloroethene	ND	2.0	0.2	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:58	2070542	CJH
cis-1,2-Dichloroethene	ND	2.0	0.2	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:58	2070542	CJH
trans-1,2-Dichloroethene	ND	2.0	0.3	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:58	2070542	CJH
1,2-Dichloroethene (total)	ND	2.0	0.3	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:58	2070542	CJH
1,2-Dichloropropane	ND	2.0	0.2	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:58	2070542	CJH
1,3-Dichloropropane	ND	2.0	0.4	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:58	2070542	CJH
2,2-Dichloropropane	ND	10	1.2	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:58	2070542	CJH
1,1-Dichloropropene	ND	10	0.2	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:58	2070542	CJH
cis-1,3-Dichloropropene	ND	1.0	0.3	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:58	2070542	CJH
trans-1,3-Dichloropropene	ND	2.0	0.3	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:58	2070542	CJH
Ethylbenzene	ND	2.0	0.3	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:58	2070542	CJH
Ethyl Methacrylate	ND	10	0.9	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:58	2070542	CJH
Hexachlorobutadiene	ND	2.0	0.4	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:58	2070542	CJH
p-Isopropyltoluene	ND	10	0.8	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:58	2070542	CJH
Hexachloroethane	ND	4.0	2.4	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:58	2070542	CJH
Iodomethane	ND	10	1.8	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:58	2070542	CJH
Isopropylbenzene	ND	10	0.8	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:58	2070542	CJH
Methacrylonitrile	ND	5.0	0.5	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:58	2070542	CJH
Methyl Acrylate	ND	10	1.5	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:58	2070542	CJH
Methyl Butyl Ketone (2-Hexanone)	ND	10	1.3	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:58	2070542	CJH
Methylene Chloride	ND	5.0	0.2	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:58	2070542	CJH
Methyl Ethyl Ketone (2-Butanone)	ND	100	1.3	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:58	2070542	CJH
Methyl Methacrylate	ND	10	1.0	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:58	2070542	CJH
4-Methyl-2-pentanone (MIBK)	ND	10	1.3	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:58	2070542	CJH
Methyl-tert-Butyl Ether	ND	10	0.4	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:58	2070542	CJH
Naphthalene	ND	10	0.9	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:58	2070542	CJH
2-Nitropropane	ND	10	3.9	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:58	2070542	CJH
Propionitrile (Ethyl Cyanide)	ND	20	3.6	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:58	2070542	CJH
n-Propylbenzene	ND	10	0.9	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:58	2070542	CJH
Styrene	ND	5.0	0.7	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:58	2070542	CJH



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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

July 31, 2012

Report No.: AVG0584

Project: Tampa, FL

Client ID: MW-3-071912

Lab Number ID: AVG0584-03

Date/Time Sampled: 7/19/2012 10:01:00AM

Date/Time Received: 7/20/2012 8:10:00AM

Matrix: Ground Water

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Volatile Organic Compounds by EPA 8260											
1,1,1,2-Tetrachloroethane	ND	1.3	0.5	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:58	2070542	CJH
1,1,2,2-Tetrachloroethane	ND	1.0	0.2	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:58	2070542	CJH
Tetrachloroethane	ND	2.0	0.2	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:58	2070542	CJH
Toluene	ND	2.0	0.2	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:58	2070542	CJH
1,2,3-Trichlorobenzene	ND	10	0.6	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:58	2070542	CJH
1,2,4-Trichlorobenzene	ND	10	0.5	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:58	2070542	CJH
1,1,1-Trichloroethane	ND	2.0	0.4	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:58	2070542	CJH
1,1,2-Trichloroethane	ND	2.0	0.4	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:58	2070542	CJH
Trichloroethane	ND	2.0	0.2	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:58	2070542	CJH
Trichlorofluoromethane	ND	10	0.2	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:58	2070542	CJH
1,2,3-Trichloropropane	ND	1.0	0.9	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:58	2070542	CJH
1,2,4-Trimethylbenzene	ND	10	0.8	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:58	2070542	CJH
1,3,5-Trimethylbenzene	ND	10	0.9	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:58	2070542	CJH
Vinyl Acetate	ND	10	0.3	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:58	2070542	CJH
Vinyl Chloride	ND	1.0	0.2	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:58	2070542	CJH
m+p-Xylene	ND	5.0	0.4	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:58	2070542	CJH
o-Xylene	ND	5.0	0.8	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:58	2070542	CJH
Xylenes, total	ND	5.0	0.8	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 12:58	2070542	CJH
Surrogate: Dibromofluoromethane	94 %	75-123			EPA 8260B			07/20/12 11:30	07/20/12 12:58	2070542	
Surrogate: 1,2-Dichloroethane-d4	96 %	72-120			EPA 8260B			07/20/12 11:30	07/20/12 12:58	2070542	
Surrogate: Toluene-d8	100 %	75-120			EPA 8260B			07/20/12 11:30	07/20/12 12:58	2070542	
Surrogate: 4-Bromofluorobenzene	99 %	80-120			EPA 8260B			07/20/12 11:30	07/20/12 12:58	2070542	



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Elgin IL, 60120

Attention: Mr. Bob Schoepke

July 31, 2012

Report No.: AVG0584

Project: Tampa, FL

Client ID: MW-3-071912

Lab Number ID: AVG0584-03

Date/Time Sampled: 7/19/2012 10:01:00AM

Date/Time Received: 7/20/2012 8:10:00AM

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	9.4	4.4	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:26	2070591	RAC
Acenaphthylene	ND	9.4	4.3	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:26	2070591	RAC
Anthracene	ND	9.4	4.1	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:26	2070591	RAC
Benzo(a)anthracene	ND	9.4	3.8	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:26	2070591	RAC
Benzo(a)pyrene	ND	9.4	4.6	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:26	2070591	RAC
Benzo(b)fluoranthene	ND	9.4	4.1	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:26	2070591	RAC
Benzo(ghi)perylene	ND	9.4	5.2	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:26	2070591	RAC
Benzo(k)fluoranthene	ND	9.4	4.7	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:26	2070591	RAC
Benzoic acid	ND	47	2.9	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:26	2070591	RAC
Benzyl alcohol	ND	19	4.8	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:26	2070591	RAC
Benzyl butyl phthalate	ND	9.4	5.9	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:26	2070591	RAC
4-Bromophenyl phenyl ether	ND	9.4	4.7	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:26	2070591	RAC
Di-n-butyl phthalate	ND	9.4	4.5	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:26	2070591	RAC
4-Chloroaniline	ND	19	3.9	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:26	2070591	RAC
Bis(2-chloroethoxy)methane	ND	9.4	4.1	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:26	2070591	RAC
Bis(2-chloroethyl)ether	ND	9.4	3.1	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:26	2070591	RAC
Bis(2-chloroisopropyl)ether	ND	9.4	3.5	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:26	2070591	RAC
4-Chloro-3-methylphenol	ND	9.4	5.4	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:26	2070591	RAC
2-Chloronaphthalene	ND	9.4	4.0	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:26	2070591	RAC
2-Chlorophenol	ND	9.4	3.9	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:26	2070591	RAC
4-Chlorophenyl phenyl ether	ND	9.4	3.9	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:26	2070591	RAC
Chrysene	ND	9.4	3.7	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:26	2070591	RAC
Dibenzo(a,h)anthracene	ND	9.4	4.2	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:26	2070591	RAC
Dibenzofuran	ND	9.4	4.3	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:26	2070591	RAC
1,2-Dichlorobenzene	ND	9.4	3.1	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:26	2070591	RAC
1,3-Dichlorobenzene	ND	9.4	2.7	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:26	2070591	RAC
1,4-Dichlorobenzene	ND	9.4	2.7	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:26	2070591	RAC
3,3'-Dichlorobenzidine	ND	19	4.7	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:26	2070591	RAC
2,4-Dichlorophenol	ND	9.4	5.0	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:26	2070591	RAC
Diethyl phthalate	ND	9.4	3.7	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:26	2070591	RAC
2,4-Dimethylphenol	ND	9.4	4.2	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:26	2070591	RAC
Dimethyl phthalate	ND	9.4	3.8	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:26	2070591	RAC



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

Attention: Mr. Bob Schoepke

July 31, 2012

Report No.: AVG0584

Project: Tampa, FL

Client ID: MW-3-071912

Lab Number ID: AVG0584-03

Date/Time Sampled: 7/19/2012 10:01:00AM

Date/Time Received: 7/20/2012 8:10:00AM

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	47	5.4	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:26	2070591	RAC
2,4-Dinitrophenol	ND	47	6.8	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:26	2070591	RAC
2,4-Dinitrotoluene	ND	19	4.4	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:26	2070591	RAC
2,6-Dinitrotoluene	ND	19	4.4	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:26	2070591	RAC
Bis(2-ethylhexyl)phthalate	ND	9.4	5.6	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:26	2070591	RAC
Fluoranthene	ND	9.4	4.3	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:26	2070591	RAC
Fluorene	ND	9.4	4.1	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:26	2070591	RAC
Hexachlorobenzene	ND	9.4	3.7	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:26	2070591	RAC
Hexachlorobutadiene	ND	9.4	3.9	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:26	2070591	RAC
Hexachlorocyclopentadiene	ND	9.4	5.4	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:26	2070591	RAC
Hexachloroethane	ND	9.4	3.2	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:26	2070591	RAC
Indeno(1,2,3-cd)pyrene	ND	9.4	4.7	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:26	2070591	RAC
Isophorone	ND	9.4	4.2	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:26	2070591	RAC
2-Methylnaphthalene	ND	9.4	4.8	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:26	2070591	RAC
2-Methylphenol (o-cresol)	ND	9.4	4.7	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:26	2070591	RAC
3+4-Methylphenol (m+p-cresol)	ND	9.4	5.1	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:26	2070591	RAC
Naphthalene	ND	9.4	3.5	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:26	2070591	RAC
2-Nitroaniline	ND	47	5.9	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:26	2070591	RAC
3-Nitroaniline	ND	47	5.2	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:26	2070591	RAC
4-Nitroaniline	ND	47	5.6	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:26	2070591	RAC
Nitrobenzene	ND	9.4	3.8	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:26	2070591	RAC
2-Nitrophenol	ND	47	4.6	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:26	2070591	RAC
4-Nitrophenol	ND	47	4.0	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:26	2070591	RAC
N-Nitrosodimethylamine	ND	9.4	2.4	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:26	2070591	RAC
N-Nitrosodiphenylamine/Diphenylamine	ND	9.4	3.6	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:26	2070591	RAC
N-Nitrosodi-n-propylamine	ND	9.4	5.7	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:26	2070591	RAC
Di-n-octyl phthalate	ND	9.4	5.9	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:26	2070591	RAC
Pentachlorophenol	ND	19	5.7	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:26	2070591	RAC
Phenanthrene	ND	9.4	3.8	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:26	2070591	RAC
Phenol	ND	9.4	2.7	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:26	2070591	RAC
Pyrene	ND	9.4	4.3	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:26	2070591	RAC
1,2,4-Trichlorobenzene	ND	9.4	3.1	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:26	2070591	RAC



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Attention: Mr. Bob Schoepke

July 31, 2012

Report No.: AVG0584

Project: Tampa, FL

Client ID: MW-3-071912

Lab Number ID: AVG0584-03

Date/Time Sampled: 7/19/2012 10:01:00AM

Date/Time Received: 7/20/2012 8:10:00AM

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	9.4	5.5	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:26	2070591	RAC
2,4,6-Trichlorophenol	ND	9.4	5.2	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:26	2070591	RAC
Surrogate: 2-Fluorophenol	39 %		10-88		EPA 8270D			07/24/12 09:30	07/24/12 16:26	2070591	
Surrogate: Phenol-d8	26 %		10-81		EPA 8270D			07/24/12 09:30	07/24/12 16:26	2070591	
Surrogate: Nitrobenzene-d5	65 %		28-109		EPA 8270D			07/24/12 09:30	07/24/12 16:26	2070591	
Surrogate: 2-Fluorobiphenyl	78 %		38-112		EPA 8270D			07/24/12 09:30	07/24/12 16:26	2070591	
Surrogate: 2,4,6-Tribromophenol	90 %		10-165		EPA 8270D			07/24/12 09:30	07/24/12 16:26	2070591	
Surrogate: p-Terphenyl-d14	77 %		10-142		EPA 8270D			07/24/12 09:30	07/24/12 16:26	2070591	



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Attention: Mr. Bob Schoepke

July 31, 2012

Report No.: AVG0584

Project: Tampa, FL

Client ID: MW-4-071912

Lab Number ID: AVG0584-04

Date/Time Sampled: 7/19/2012 11:23:00AM

Date/Time Received: 7/20/2012 8:10:00AM

Matrix: Ground Water

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Volatile Organic Compounds by EPA 8260											
Acetone	ND	100	6.1	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:27	2070542	CJH
Acrolein	ND	14	2.8	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:27	2070542	CJH
Acrylonitrile	ND	4.0	1.9	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:27	2070542	CJH
Allyl Chloride (3-Chloropropylene)	ND	10	1.1	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:27	2070542	CJH
Benzene	ND	1.0	0.1	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:27	2070542	CJH
Bromobenzene	ND	10	0.2	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:27	2070542	CJH
Bromochloromethane	ND	10	0.4	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:27	2070542	CJH
Bromodichloromethane	ND	1.0	0.3	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:27	2070542	CJH
Bromoform	ND	4.4	1.0	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:27	2070542	CJH
Bromomethane	ND	9.8	2.0	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:27	2070542	CJH
n-Butylbenzene	ND	10	0.8	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:27	2070542	CJH
sec-Butylbenzene	ND	10	0.2	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:27	2070542	CJH
tert-Butylbenzene	ND	10	0.8	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:27	2070542	CJH
Carbon Disulfide	ND	10	1.5	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:27	2070542	CJH
Carbon Tetrachloride	ND	2.0	0.9	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:27	2070542	CJH
Chlorobenzene	ND	10	0.3	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:27	2070542	CJH
1-Chlorobutane	ND	10	0.3	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:27	2070542	CJH
Chloroethane	ND	5.0	0.7	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:27	2070542	CJH
2-Chloroethyl Vinyl Ether	ND	10	0.8	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:27	2070542	CJH
Chloroform	ND	2.0	0.4	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:27	2070542	CJH
Chloromethane	ND	2.7	0.1	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:27	2070542	CJH
2-Chlorotoluene	ND	10	0.2	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:27	2070542	CJH
4-Chlorotoluene	ND	10	0.3	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:27	2070542	CJH
Dibromochloromethane	ND	1.0	0.2	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:27	2070542	CJH
1,2-Dibromo-3-chloropropane	ND	5.0	1.0	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:27	2070542	CJH
1,2-Dibromoethane	ND	2.0	0.3	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:27	2070542	CJH
Dibromomethane	ND	10	0.4	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:27	2070542	CJH
1,2-Dichlorobenzene	ND	10	0.3	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:27	2070542	CJH
1,3-Dichlorobenzene	ND	10	0.2	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:27	2070542	CJH
1,4-Dichlorobenzene	ND	10	0.3	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:27	2070542	CJH
trans-1,4-Dichloro-2-butene	ND	5.0	0.9	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:27	2070542	CJH
Dichlorodifluoromethane	ND	10	0.6	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:27	2070542	CJH



ANALYTICAL SERVICES, INC.

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

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

Attention: Mr. Bob Schoepke

July 31, 2012

Report No.: AVG0584

Project: Tampa, FL

Client ID: MW-4-071912

Lab Number ID: AVG0584-04

Date/Time Sampled: 7/19/2012 11:23:00AM

Date/Time Received: 7/20/2012 8:10:00AM

Matrix: Ground Water

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Int.
Volatile Organic Compounds by EPA 8260											
1,1-Dichloroethane	ND	2.0	0.2	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:27	2070542 CJH	
1,2-Dichloroethane	ND	2.0	0.2	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:27	2070542 CJH	
1,1-Dichloroethene	ND	2.0	0.2	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:27	2070542 CJH	
cis-1,2-Dichloroethene	ND	2.0	0.2	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:27	2070542 CJH	
trans-1,2-Dichloroethene	ND	2.0	0.3	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:27	2070542 CJH	
1,2-Dichloroethene (total)	ND	2.0	0.3	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:27	2070542 CJH	
1,2-Dichloropropane	ND	2.0	0.2	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:27	2070542 CJH	
1,3-Dichloropropane	ND	2.0	0.4	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:27	2070542 CJH	
2,2-Dichloropropane	ND	10	1.2	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:27	2070542 CJH	
1,1-Dichloropropene	ND	10	0.2	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:27	2070542 CJH	
cis-1,3-Dichloropropene	ND	1.0	0.3	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:27	2070542 CJH	
trans-1,3-Dichloropropene	ND	2.0	0.3	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:27	2070542 CJH	
Ethylbenzene	ND	2.0	0.3	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:27	2070542 CJH	
Ethyl Methacrylate	ND	10	0.9	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:27	2070542 CJH	
Hexachlorobutadiene	ND	2.0	0.4	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:27	2070542 CJH	
p-Isopropyltoluene	ND	10	0.8	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:27	2070542 CJH	
Hexachloroethane	ND	4.0	2.4	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:27	2070542 CJH	
Iodomethane	ND	10	1.8	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:27	2070542 CJH	
Isopropylbenzene	ND	10	0.8	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:27	2070542 CJH	
Methacrylonitrile	ND	5.0	0.5	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:27	2070542 CJH	
Methyl Acrylate	ND	10	1.5	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:27	2070542 CJH	
Methyl Butyl Ketone (2-Hexanone)	ND	10	1.3	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:27	2070542 CJH	
Methylene Chloride	ND	5.0	0.2	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:27	2070542 CJH	
Methyl Ethyl Ketone (2-Butanone)	ND	100	1.3	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:27	2070542 CJH	
Methyl Methacrylate	ND	10	1.0	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:27	2070542 CJH	
4-Methyl-2-pentanone (MIBK)	ND	10	1.3	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:27	2070542 CJH	
Methyl-tert-Butyl Ether	ND	10	0.4	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:27	2070542 CJH	
Naphthalene	2.4	10	0.9	ug/L	EPA 8260B	J	1	07/20/12 11:30	07/20/12 13:27	2070542 CJH	
2-Nitropropane	ND	10	3.9	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:27	2070542 CJH	
Propionitrile (Ethyl Cyanide)	ND	20	3.6	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:27	2070542 CJH	
n-Propylbenzene	ND	10	0.9	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:27	2070542 CJH	
Styrene	ND	5.0	0.7	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:27	2070542 CJH	



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Elgin IL, 60120

Attention: Mr. Bob Schospke

July 31, 2012

Report No.: AVG0584

Project: Tampa, FL

Client ID: MW-4-071912

Lab Number ID: AVG0584-04

Date/Time Sampled: 7/19/2012 11:23:00AM

Date/Time Received: 7/20/2012 8:10:00AM

Matrix: Ground Water

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Volatile Organic Compounds by EPA 8260											
1,1,1,2-Tetrachloroethane	ND	1.3	0.5	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:27	2070542	CJH
1,1,2,2-Tetrachloroethane	ND	1.0	0.2	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:27	2070542	CJH
Tetrachloroethane	ND	2.0	0.2	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:27	2070542	CJH
Toluene	ND	2.0	0.2	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:27	2070542	CJH
1,2,3-Trichlorobenzene	ND	10	0.6	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:27	2070542	CJH
1,2,4-Trichlorobenzene	ND	10	0.5	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:27	2070542	CJH
1,1,1-Trichloroethane	ND	2.0	0.4	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:27	2070542	CJH
1,1,2-Trichloroethane	ND	2.0	0.4	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:27	2070542	CJH
Trichloroethene	ND	2.0	0.2	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:27	2070542	CJH
Trichlorofluoromethane	ND	10	0.2	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:27	2070542	CJH
1,2,3-Trichloropropane	ND	1.0	0.9	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:27	2070542	CJH
1,2,4-Trimethylbenzene	ND	10	0.8	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:27	2070542	CJH
1,3,5-Trimethylbenzene	ND	10	0.9	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:27	2070542	CJH
Vinyl Acetate	ND	10	0.3	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:27	2070542	CJH
Vinyl Chloride	ND	1.0	0.2	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:27	2070542	CJH
m+p-Xylene	ND	5.0	0.4	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:27	2070542	CJH
o-Xylene	ND	5.0	0.8	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:27	2070542	CJH
Xylenes, total	ND	5.0	0.8	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:27	2070542	CJH
Surrogate: Dibromofluoromethane	94 %	75-123		EPA 8260B		07/20/12 11:30		07/20/12 13:27		2070542	
Surrogate: 1,2-Dichloroethane-d4	98 %	72-120		EPA 8260B		07/20/12 11:30		07/20/12 13:27		2070542	
Surrogate: Toluene-d8	99 %	75-120		EPA 8260B		07/20/12 11:30		07/20/12 13:27		2070542	
Surrogate: 4-Bromofluorobenzene	97 %	80-120		EPA 8260B		07/20/12 11:30		07/20/12 13:27		2070542	



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July 31, 2012

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Project: Tampa, FL

Client ID: MW-4-071912

Lab Number ID: AVG0584-04

Date/Time Sampled: 7/19/2012 11:23:00AM

Date/Time Received: 7/20/2012 8:10:00AM

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	9.4	4.4	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:51	2070591	RAC
Acenaphthylene	ND	9.4	4.3	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:51	2070591	RAC
Anthracene	ND	9.4	4.1	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:51	2070591	RAC
Benzo(a)anthracene	ND	9.4	3.8	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:51	2070591	RAC
Benzo(a)pyrene	ND	9.4	4.6	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:51	2070591	RAC
Benzo(b)fluoranthene	ND	9.4	4.1	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:51	2070591	RAC
Benzo(ghi)perylene	ND	9.4	5.2	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:51	2070591	RAC
Benzo(k)fluoranthene	ND	9.4	4.7	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:51	2070591	RAC
Benzoic acid	ND	47	2.9	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:51	2070591	RAC
Benzyl alcohol	ND	19	4.8	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:51	2070591	RAC
Benzyl butyl phthalate	ND	9.4	5.9	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:51	2070591	RAC
4-Bromophenyl phenyl ether	ND	9.4	4.7	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:51	2070591	RAC
Di-n-butyl phthalate	ND	9.4	4.5	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:51	2070591	RAC
4-Chloroaniline	ND	19	3.9	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:51	2070591	RAC
Bis(2-chloroethoxy)methane	ND	9.4	4.1	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:51	2070591	RAC
Bis(2-chloroethyl)ether	ND	9.4	3.1	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:51	2070591	RAC
Bis(2-chloroisopropyl)ether	ND	9.4	3.5	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:51	2070591	RAC
4-Chloro-3-methylphenol	ND	9.4	5.4	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:51	2070591	RAC
2-Chloronaphthalene	ND	9.4	4.0	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:51	2070591	RAC
2-Chlorophenol	ND	9.4	3.9	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:51	2070591	RAC
4-Chlorophenyl phenyl ether	ND	9.4	3.9	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:51	2070591	RAC
Chrysene	ND	9.4	3.7	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:51	2070591	RAC
Dibenzo(a,h)anthracene	ND	9.4	4.2	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:51	2070591	RAC
Dibenzofuran	ND	9.4	4.3	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:51	2070591	RAC
1,2-Dichlorobenzene	ND	9.4	3.1	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:51	2070591	RAC
1,3-Dichlorobenzene	ND	9.4	2.7	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:51	2070591	RAC
1,4-Dichlorobenzene	ND	9.4	2.7	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:51	2070591	RAC
3,3'-Dichlorobenzidine	ND	19	4.7	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:51	2070591	RAC
2,4-Dichlorophenol	ND	9.4	5.0	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:51	2070591	RAC
Diethyl phthalate	ND	9.4	3.7	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:51	2070591	RAC
2,4-Dimethylphenol	ND	9.4	4.2	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:51	2070591	RAC
Dimethyl phthalate	ND	9.4	3.8	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:51	2070591	RAC



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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	47	5.4	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:51	2070591	RAC
2,4-Dinitrophenol	ND	47	6.8	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:51	2070591	RAC
2,4-Dinitrotoluene	ND	19	4.4	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:51	2070591	RAC
2,6-Dinitrotoluene	ND	19	4.4	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:51	2070591	RAC
Bis(2-ethylhexyl)phthalate	ND	9.4	5.6	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:51	2070591	RAC
Fluoranthene	ND	9.4	4.3	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:51	2070591	RAC
Fluorene	ND	9.4	4.1	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:51	2070591	RAC
Hexachlorobenzene	ND	9.4	3.7	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:51	2070591	RAC
Hexachlorobutadiene	ND	9.4	3.9	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:51	2070591	RAC
Hexachlorocyclopentadiene	ND	9.4	5.4	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:51	2070591	RAC
Hexachloroethane	ND	9.4	3.2	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:51	2070591	RAC
Indeno(1,2,3-cd)pyrene	ND	9.4	4.7	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:51	2070591	RAC
Isophorone	ND	9.4	4.2	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:51	2070591	RAC
2-Methylnaphthalene	ND	9.4	4.8	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:51	2070591	RAC
2-Methylphenol (o-cresol)	ND	9.4	4.7	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:51	2070591	RAC
3+4-Methylphenol (m+p-cresol)	ND	9.4	5.1	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:51	2070591	RAC
Naphthalene	ND	9.4	3.5	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:51	2070591	RAC
2-Nitroaniline	ND	47	5.9	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:51	2070591	RAC
3-Nitroaniline	ND	47	5.2	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:51	2070591	RAC
4-Nitroaniline	ND	47	5.6	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:51	2070591	RAC
Nitrobenzene	ND	9.4	3.8	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:51	2070591	RAC
2-Nitrophenol	ND	47	4.6	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:51	2070591	RAC
4-Nitrophenol	ND	47	4.0	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:51	2070591	RAC
N-Nitrosodimethylamine	ND	9.4	2.4	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:51	2070591	RAC
N-Nitrosodiphenylamine/Diphenylamine	ND	9.4	3.6	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:51	2070591	RAC
N-Nitrosodi-n-propylamine	ND	9.4	5.7	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:51	2070591	RAC
Di-n-octyl phthalate	ND	9.4	5.9	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:51	2070591	RAC
Pentachlorophenol	ND	19	5.7	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:51	2070591	RAC
Phenanthrene	ND	9.4	3.8	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:51	2070591	RAC
Phenol	ND	9.4	2.7	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:51	2070591	RAC
Pyrene	ND	9.4	4.3	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:51	2070591	RAC
1,2,4-Trichlorobenzene	ND	9.4	3.1	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:51	2070591	RAC



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

July 31, 2012

Report No.: AVG0584

Project: Tampa, FL

Client ID: MW-4-071912

Lab Number ID: AVG0584-04

Date/Time Sampled: 7/19/2012 11:23:00AM

Date/Time Received: 7/20/2012 8:10:00AM

Matrix: Ground Water

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Int.
Semivolatile Organic Compounds by EPA 8270											
2,4,5-Trichlorophenol	ND	9.4	5.5	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:51	2070591	RAC
2,4,6-Trichlorophenol	ND	9.4	5.2	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 16:51	2070591	RAC
Surrogate: 2-Fluorophenol	27 %		10-88		EPA 8270D			07/24/12 09:30	07/24/12 16:51	2070591	
Surrogate: Phenol-d6	20 %		10-81		EPA 8270D			07/24/12 09:30	07/24/12 16:51	2070591	
Surrogate: Nitrobenzene-d5	46 %		28-109		EPA 8270D			07/24/12 09:30	07/24/12 16:51	2070591	
Surrogate: 2-Fluorobiphenyl	56 %		38-112		EPA 8270D			07/24/12 09:30	07/24/12 16:51	2070591	
Surrogate: 2,4,6-Tribromophenol	64 %		10-165		EPA 8270D			07/24/12 09:30	07/24/12 16:51	2070591	
Surrogate: p-Terphenyl-d14	57 %		10-142		EPA 8270D			07/24/12 09:30	07/24/12 16:51	2070591	



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

Attention: Mr. Bob Schoepke

July 31, 2012

Report No.: AVG0584

Project: Tampa, FL

Client ID: MW-1-071912

Lab Number ID: AVG0584-05

Date/Time Sampled: 7/19/2012 12:52:00PM

Date/Time Received: 7/20/2012 8:10:00AM

Matrix: Ground Water

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Volatile Organic Compounds by EPA 8260											
Acetone	ND	100	6.1	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:55	2070542	CJH
Acrolein	ND	14	2.8	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:55	2070542	CJH
Acrylonitrile	ND	4.0	1.9	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:55	2070542	CJH
Allyl Chloride (3-Chloropropylene)	ND	10	1.1	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:55	2070542	CJH
Benzene	ND	1.0	0.1	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:55	2070542	CJH
Bromobenzene	ND	10	0.2	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:55	2070542	CJH
Bromochloromethane	ND	10	0.4	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:55	2070542	CJH
Bromodichloromethane	ND	1.0	0.3	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:55	2070542	CJH
Bromoform	ND	4.4	1.0	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:55	2070542	CJH
Bromomethane	ND	9.8	2.0	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:55	2070542	CJH
n-Butylbenzene	ND	10	0.8	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:55	2070542	CJH
sec-Butylbenzene	ND	10	0.2	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:55	2070542	CJH
tert-Butylbenzene	ND	10	0.8	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:55	2070542	CJH
Carbon Disulfide	ND	10	1.5	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:55	2070542	CJH
Carbon Tetrachloride	ND	2.0	0.9	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:55	2070542	CJH
Chlorobenzene	ND	10	0.3	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:55	2070542	CJH
1-Chlorobutane	ND	10	0.3	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:55	2070542	CJH
Chloroethane	ND	5.0	0.7	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:55	2070542	CJH
2-Chloroethyl Vinyl Ether	ND	10	0.8	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:55	2070542	CJH
Chloroform	ND	2.0	0.4	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:55	2070542	CJH
Chloromethane	ND	2.7	0.1	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:55	2070542	CJH
2-Chlorotoluene	ND	10	0.2	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:55	2070542	CJH
4-Chlorotoluene	ND	10	0.3	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:55	2070542	CJH
Dibromochloromethane	ND	1.0	0.2	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:55	2070542	CJH
1,2-Dibromo-3-chloropropane	ND	5.0	1.0	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:55	2070542	CJH
1,2-Dibromoethane	ND	2.0	0.3	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:55	2070542	CJH
Dibromomethane	ND	10	0.4	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:55	2070542	CJH
1,2-Dichlorobenzene	ND	10	0.3	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:55	2070542	CJH
1,3-Dichlorobenzene	ND	10	0.2	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:55	2070542	CJH
1,4-Dichlorobenzene	ND	10	0.3	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:55	2070542	CJH
trans-1,4-Dichloro-2-butene	ND	5.0	0.9	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:55	2070542	CJH
Dichlorodifluoromethane	ND	10	0.6	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:55	2070542	CJH



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

Attention: Mr. Bob Schoepke

July 31, 2012

Report No.: AVG0584

Project: Tampa, FL

Client ID: MW-1-071912

Lab Number ID: AVG0584-05

Date/Time Sampled: 7/19/2012 12:52:00PM

Date/Time Received: 7/20/2012 8:10:00AM

Matrix: Ground Water

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Volatile Organic Compounds by EPA 8260											
1,1-Dichloroethane	ND	2.0	0.2	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:55	2070542	CJH
1,2-Dichloroethane	ND	2.0	0.2	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:55	2070542	CJH
1,1-Dichloroethene	ND	2.0	0.2	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:55	2070542	CJH
cis-1,2-Dichloroethene	ND	2.0	0.2	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:55	2070542	CJH
trans-1,2-Dichloroethene	ND	2.0	0.3	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:55	2070542	CJH
1,2-Dichloroethene (total)	ND	2.0	0.3	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:55	2070542	CJH
1,2-Dichloropropane	ND	2.0	0.2	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:55	2070542	CJH
1,3-Dichloropropane	ND	2.0	0.4	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:55	2070542	CJH
2,2-Dichloropropane	ND	10	1.2	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:55	2070542	CJH
1,1-Dichloropropene	ND	10	0.2	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:55	2070542	CJH
cis-1,3-Dichloropropene	ND	1.0	0.3	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:55	2070542	CJH
trans-1,3-Dichloropropene	ND	2.0	0.3	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:55	2070542	CJH
Ethylbenzene	ND	2.0	0.3	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:55	2070542	CJH
Ethyl Methacrylate	ND	10	0.9	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:55	2070542	CJH
Hexachlorobutadiene	ND	2.0	0.4	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:55	2070542	CJH
p-Isopropyltoluene	ND	10	0.8	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:55	2070542	CJH
Hexachloroethane	ND	4.0	2.4	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:55	2070542	CJH
Iodomethane	ND	10	1.8	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:55	2070542	CJH
Isopropylbenzene	ND	10	0.8	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:55	2070542	CJH
Methacrylonitrile	ND	5.0	0.5	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:55	2070542	CJH
Methyl Acrylate	ND	10	1.5	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:55	2070542	CJH
Methyl Butyl Ketone (2-Hexanone)	ND	10	1.3	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:55	2070542	CJH
Methylene Chloride	ND	5.0	0.2	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:55	2070542	CJH
Methyl Ethyl Ketone (2-Butanone)	ND	100	1.3	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:55	2070542	CJH
Methyl Methacrylate	ND	10	1.0	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:55	2070542	CJH
4-Methyl-2-pentanone (MIBK)	ND	10	1.3	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:55	2070542	CJH
Methyl-tert-Butyl Ether	ND	10	0.4	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:55	2070542	CJH
Naphthalene	ND	10	0.9	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:55	2070542	CJH
2-Nitropropane	ND	10	3.9	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:55	2070542	CJH
Propionitrile (Ethyl Cyanide)	ND	20	3.6	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:55	2070542	CJH
n-Propylbenzene	ND	10	0.9	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:55	2070542	CJH
Styrene	ND	5.0	0.7	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:55	2070542	CJH



ANALYTICAL SERVICES, INC.

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

Attention: Mr. Bob Schoepke

July 31, 2012

Report No.: AVG0584

Project: Tampa, FL

Client ID: MW-1-071912

Lab Number ID: AVG0584-05

Date/Time Sampled: 7/19/2012 12:52:00PM

Date/Time Received: 7/20/2012 8:10:00AM

Matrix: Ground Water

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Volatile Organic Compounds by EPA 8260											
1,1,1,2-Tetrachloroethane	ND	1.3	0.5	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:55	2070542	CJH
1,1,2,2-Tetrachloroethane	ND	1.0	0.2	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:55	2070542	CJH
Tetrachloroethane	ND	2.0	0.2	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:55	2070542	CJH
Toluene	ND	2.0	0.2	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:55	2070542	CJH
1,2,3-Trichlorobenzene	ND	10	0.6	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:55	2070542	CJH
1,2,4-Trichlorobenzene	ND	10	0.5	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:55	2070542	CJH
1,1,1-Trichloroethane	ND	2.0	0.4	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:55	2070542	CJH
1,1,2-Trichloroethane	ND	2.0	0.4	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:55	2070542	CJH
Trichloroethane	ND	2.0	0.2	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:55	2070542	CJH
Trichlorofluoromethane	ND	10	0.2	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:55	2070542	CJH
1,2,3-Trichloropropane	ND	1.0	0.9	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:55	2070542	CJH
1,2,4-Trimethylbenzene	ND	10	0.8	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:55	2070542	CJH
1,3,5-Trimethylbenzene	ND	10	0.9	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:55	2070542	CJH
Vinyl Acetate	ND	10	0.3	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:55	2070542	CJH
Vinyl Chloride	ND	1.0	0.2	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:55	2070542	CJH
m+p-Xylene	ND	5.0	0.4	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:55	2070542	CJH
o-Xylene	ND	5.0	0.8	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:55	2070542	CJH
Xylenes, total	ND	5.0	0.8	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 13:55	2070542	CJH
Surrogate: Dibromofluoromethane	94 %	75-123		EPA 8260B		07/20/12 11:30		07/20/12 13:55		2070542	
Surrogate: 1,2-Dichloroethane-d4	96 %	72-120		EPA 8260B		07/20/12 11:30		07/20/12 13:55		2070542	
Surrogate: Toluene-d8	100 %	75-120		EPA 8260B		07/20/12 11:30		07/20/12 13:55		2070542	
Surrogate: 4-Bromofluorobenzene	97 %	80-120		EPA 8260B		07/20/12 11:30		07/20/12 13:55		2070542	



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

Attention: Mr. Bob Schoepke

July 31, 2012

Report No.: AVG0584

Project: Tampa, FL

Client ID: MW-1-071912

Lab Number ID: AVG0584-05

Date/Time Sampled: 7/19/2012 12:52:00PM

Date/Time Received: 7/20/2012 8:10:00AM

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	9.4	4.4	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 17:16	2070591	RAC
Acenaphthylene	ND	9.4	4.3	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 17:16	2070591	RAC
Anthracene	ND	9.4	4.1	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 17:16	2070591	RAC
Benzo(a)anthracene	ND	9.4	3.8	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 17:16	2070591	RAC
Benzo(a)pyrene	ND	9.4	4.6	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 17:16	2070591	RAC
Benzo(b)fluoranthene	ND	9.4	4.1	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 17:16	2070591	RAC
Benzo(ghi)perylene	ND	9.4	5.2	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 17:16	2070591	RAC
Benzo(k)fluoranthene	ND	9.4	4.7	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 17:16	2070591	RAC
Benzoic acid	ND	47	2.9	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 17:16	2070591	RAC
Benzyl alcohol	ND	19	4.8	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 17:16	2070591	RAC
Benzyl butyl phthalate	ND	9.4	5.9	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 17:16	2070591	RAC
4-Bromophenyl phenyl ether	ND	9.4	4.7	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 17:16	2070591	RAC
Di-n-butyl phthalate	ND	9.4	4.5	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 17:16	2070591	RAC
4-Chloroaniline	ND	19	3.9	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 17:16	2070591	RAC
Bis(2-chloroethoxy)methane	ND	9.4	4.1	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 17:16	2070591	RAC
Bis(2-chloroethyl)ether	ND	9.4	3.1	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 17:16	2070591	RAC
Bis(2-chloroisopropyl)ether	ND	9.4	3.5	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 17:16	2070591	RAC
4-Chloro-3-methylphenol	ND	9.4	5.4	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 17:16	2070591	RAC
2-Chloronaphthalene	ND	9.4	4.0	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 17:16	2070591	RAC
2-Chlorophenol	ND	9.4	3.9	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 17:16	2070591	RAC
4-Chlorophenyl phenyl ether	ND	9.4	3.9	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 17:16	2070591	RAC
Chrysene	ND	9.4	3.7	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 17:16	2070591	RAC
Dibenzo(a,h)anthracene	ND	9.4	4.2	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 17:16	2070591	RAC
Dibenzofuran	ND	9.4	4.3	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 17:16	2070591	RAC
1,2-Dichlorobenzene	ND	9.4	3.1	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 17:16	2070591	RAC
1,3-Dichlorobenzene	ND	9.4	2.7	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 17:16	2070591	RAC
1,4-Dichlorobenzene	ND	9.4	2.7	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 17:16	2070591	RAC
3,3'-Dichlorobenzidine	ND	19	4.7	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 17:16	2070591	RAC
2,4-Dichlorophenol	ND	9.4	5.0	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 17:16	2070591	RAC
Diethyl phthalate	ND	9.4	3.7	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 17:16	2070591	RAC
2,4-Dimethylphenol	ND	9.4	4.2	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 17:16	2070591	RAC
Dimethyl phthalate	ND	9.4	3.8	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 17:16	2070591	RAC



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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

July 31, 2012

Report No.: AVG0584

Project: Tampa, FL

Client ID: MW-1-071912

Lab Number ID: AVG0584-05

Date/Time Sampled: 7/19/2012 12:52:00PM

Date/Time Received: 7/20/2012 8:10:00AM

Matrix: Ground Water

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Int.
Semivolatile Organic Compounds by EPA 8270											
4,6-Dinitro-2-methylphenol	ND	47	5.4	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 17:16	2070591	RAC
2,4-Dinitrophenol	ND	47	6.8	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 17:16	2070591	RAC
2,4-Dinitrotoluene	ND	19	4.4	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 17:16	2070591	RAC
2,6-Dinitrotoluene	ND	19	4.4	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 17:16	2070591	RAC
Bis(2-ethylhexyl)phthalate	ND	9.4	5.6	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 17:16	2070591	RAC
Fluoranthene	ND	9.4	4.3	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 17:16	2070591	RAC
Fluorene	ND	9.4	4.1	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 17:16	2070591	RAC
Hexachlorobenzene	ND	9.4	3.7	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 17:16	2070591	RAC
Hexachlorobutadiene	ND	9.4	3.9	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 17:16	2070591	RAC
Hexachlorocyclopentadiene	ND	9.4	5.4	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 17:16	2070591	RAC
Hexachloroethane	ND	9.4	3.2	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 17:16	2070591	RAC
Indeno(1,2,3-cd)pyrene	ND	9.4	4.7	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 17:16	2070591	RAC
Isophorone	ND	9.4	4.2	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 17:16	2070591	RAC
2-Methylnaphthalene	ND	9.4	4.8	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 17:16	2070591	RAC
2-Methylphenol (o-cresol)	ND	9.4	4.7	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 17:16	2070591	RAC
3+4-Methylphenol (m+p-cresol)	ND	9.4	5.1	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 17:16	2070591	RAC
Naphthalene	ND	9.4	3.5	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 17:16	2070591	RAC
2-Nitroaniline	ND	47	5.9	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 17:16	2070591	RAC
3-Nitroaniline	ND	47	5.2	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 17:16	2070591	RAC
4-Nitroaniline	ND	47	5.6	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 17:16	2070591	RAC
Nitrobenzene	ND	9.4	3.8	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 17:16	2070591	RAC
2-Nitrophenol	ND	47	4.6	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 17:16	2070591	RAC
4-Nitrophenol	ND	47	4.0	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 17:16	2070591	RAC
N-Nitrosodimethylamine	ND	9.4	2.4	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 17:16	2070591	RAC
N-Nitrosodiphenylamine/Diphenylamine	ND	9.4	3.6	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 17:16	2070591	RAC
N-Nitrosodi-n-propylamine	ND	9.4	5.7	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 17:16	2070591	RAC
Di-n-octyl phthalate	ND	9.4	5.9	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 17:16	2070591	RAC
Pentachlorophenol	ND	19	5.7	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 17:16	2070591	RAC
Phenanthrene	ND	9.4	3.8	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 17:16	2070591	RAC
Phenol	ND	9.4	2.7	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 17:16	2070591	RAC
Pyrene	ND	9.4	4.3	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 17:16	2070591	RAC
1,2,4-Trichlorobenzene	ND	9.4	3.1	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 17:16	2070591	RAC



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Elgin IL, 60120

Attention: Mr. Bob Schoepke

July 31, 2012

Report No.: AVG0584

Project: Tampa, FL

Client ID: MW-1-071912

Lab Number ID: AVG0584-05

Date/Time Sampled: 7/19/2012 12:52:00PM

Date/Time Received: 7/20/2012 8:10:00AM

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	9.4	5.5	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 17:16	2070591	RAC
2,4,6-Trichlorophenol	ND	9.4	5.2	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 17:16	2070591	RAC
Surrogate: 2-Fluorophenol	33 %		10-88		EPA 8270D			07/24/12 09:30	07/24/12 17:16	2070591	
Surrogate: Phenol-d6	22 %		10-61		EPA 8270D			07/24/12 09:30	07/24/12 17:16	2070591	
Surrogate: Nitrobenzene-d5	56 %		28-109		EPA 8270D			07/24/12 09:30	07/24/12 17:16	2070591	
Surrogate: 2-Fluorobiphenyl	73 %		38-112		EPA 8270D			07/24/12 09:30	07/24/12 17:16	2070591	
Surrogate: 2,4,6-Tribromophenol	92 %		10-165		EPA 8270D			07/24/12 09:30	07/24/12 17:16	2070591	
Surrogate: p-Terphenyl-d14	79 %		10-142		EPA 8270D			07/24/12 09:30	07/24/12 17:16	2070591	



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Elgin IL, 60120

Attention: Mr. Bob Schoepke

July 31, 2012

Report No.: AVG0584

Project: Tampa, FL

Client ID: MW-2-071912

Lab Number ID: AVG0584-08

Date/Time Sampled: 7/19/2012 11:35:00AM

Date/Time Received: 7/20/2012 8:10:00AM

Matrix: Ground Water

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Volatile Organic Compounds by EPA 8260											
Acetone	220	100	6.1	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:23	2070542	CJH
Acrolein	ND	14	2.8	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:23	2070542	CJH
Acrylonitrile	ND	4.0	1.9	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:23	2070542	CJH
Allyl Chloride (3-Chloropropylene)	ND	10	1.1	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:23	2070542	CJH
Benzene	0.2	1.0	0.1	ug/L	EPA 8260B	J	1	07/20/12 11:30	07/20/12 14:23	2070542	CJH
Bromobenzene	ND	10	0.2	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:23	2070542	CJH
Bromochloromethane	ND	10	0.4	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:23	2070542	CJH
Bromodichloromethane	ND	1.0	0.3	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:23	2070542	CJH
Bromoform	ND	4.4	1.0	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:23	2070542	CJH
Bromomethane	ND	9.8	2.0	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:23	2070542	CJH
n-Butylbenzene	ND	10	0.8	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:23	2070542	CJH
sec-Butylbenzene	ND	10	0.2	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:23	2070542	CJH
tert-Butylbenzene	ND	10	0.8	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:23	2070542	CJH
Carbon Disulfide	ND	10	1.5	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:23	2070542	CJH
Carbon Tetrachloride	ND	2.0	0.9	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:23	2070542	CJH
Chlorobenzene	0.6	10	0.3	ug/L	EPA 8260B	J	1	07/20/12 11:30	07/20/12 14:23	2070542	CJH
1-Chlorobutane	ND	10	0.3	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:23	2070542	CJH
Chloroethane	ND	5.0	0.7	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:23	2070542	CJH
2-Chloroethyl Vinyl Ether	ND	10	0.8	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:23	2070542	CJH
Chloroform	ND	2.0	0.4	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:23	2070542	CJH
Chloromethane	ND	2.7	0.1	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:23	2070542	CJH
2-Chlorotoluene	ND	10	0.2	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:23	2070542	CJH
4-Chlorotoluene	ND	10	0.3	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:23	2070542	CJH
Dibromochloromethane	ND	1.0	0.2	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:23	2070542	CJH
1,2-Dibromo-3-chloropropane	ND	5.0	1.0	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:23	2070542	CJH
1,2-Dibromoethane	ND	2.0	0.3	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:23	2070542	CJH
Dibromomethane	ND	10	0.4	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:23	2070542	CJH
1,2-Dichlorobenzene	ND	10	0.3	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:23	2070542	CJH
1,3-Dichlorobenzene	ND	10	0.2	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:23	2070542	CJH
1,4-Dichlorobenzene	1.4	10	0.3	ug/L	EPA 8260B	J	1	07/20/12 11:30	07/20/12 14:23	2070542	CJH
trans-1,4-Dichloro-2-butene	ND	5.0	0.9	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:23	2070542	CJH
Dichlorodifluoromethane	ND	10	0.6	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:23	2070542	CJH



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Attention: Mr. Bob Schoepke

July 31, 2012

Report No.: AVG0584

Project: Tampa, FL

Client ID: MW-2-071912

Lab Number ID: AVG0584-08

Date/Time Sampled: 7/19/2012 11:35:00AM

Date/Time Received: 7/20/2012 8:10:00AM

Matrix: Ground Water

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Volatile Organic Compounds by EPA 8260											
1,1-Dichloroethane	ND	2.0	0.2	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:23	2070542	CJH
1,2-Dichloroethane	ND	2.0	0.2	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:23	2070542	CJH
1,1-Dichloroethene	ND	2.0	0.2	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:23	2070542	CJH
cis-1,2-Dichloroethene	ND	2.0	0.2	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:23	2070542	CJH
trans-1,2-Dichloroethene	ND	2.0	0.3	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:23	2070542	CJH
1,2-Dichloroethene (total)	ND	2.0	0.3	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:23	2070542	CJH
1,2-Dichloropropane	ND	2.0	0.2	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:23	2070542	CJH
1,3-Dichloropropane	ND	2.0	0.4	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:23	2070542	CJH
2,2-Dichloropropane	ND	10	1.2	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:23	2070542	CJH
1,1-Dichloropropene	ND	10	0.2	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:23	2070542	CJH
cis-1,3-Dichloropropene	ND	1.0	0.3	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:23	2070542	CJH
trans-1,3-Dichloropropene	ND	2.0	0.3	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:23	2070542	CJH
Ethylbenzene	ND	2.0	0.3	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:23	2070542	CJH
Ethyl Methacrylate	ND	10	0.9	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:23	2070542	CJH
Hexachlorobutadiene	ND	2.0	0.4	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:23	2070542	CJH
p-Isopropyltoluene	7.7	10	0.8	ug/L	EPA 8260B	J	1	07/20/12 11:30	07/20/12 14:23	2070542	CJH
Hexachloroethane	ND	4.0	2.4	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:23	2070542	CJH
Iodomethane	ND	10	1.8	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:23	2070542	CJH
Isopropylbenzene	ND	10	0.8	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:23	2070542	CJH
Methacrylonitrile	ND	5.0	0.5	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:23	2070542	CJH
Methyl Acrylate	ND	10	1.5	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:23	2070542	CJH
Methyl Butyl Ketone (2-Hexanone)	ND	10	1.3	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:23	2070542	CJH
Methylene Chloride	ND	5.0	0.2	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:23	2070542	CJH
Methyl Ethyl Ketone (2-Butanone)	4.5	100	1.3	ug/L	EPA 8260B	J	1	07/20/12 11:30	07/20/12 14:23	2070542	CJH
Methyl Methacrylate	ND	10	1.0	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:23	2070542	CJH
4-Methyl-2-pentanone (MIBK)	ND	10	1.3	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:23	2070542	CJH
Methyl-tert-Butyl Ether	ND	10	0.4	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:23	2070542	CJH
Naphthalene	ND	10	0.9	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:23	2070542	CJH
2-Nitropropane	ND	10	3.9	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:23	2070542	CJH
Propionitrile (Ethyl Cyanide)	ND	20	3.6	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:23	2070542	CJH
n-Propylbenzene	ND	10	0.9	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:23	2070542	CJH
Styrene	ND	5.0	0.7	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:23	2070542	CJH



ANALYTICAL SERVICES, INC.

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

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

Attention: Mr. Bob Schoepke

July 31, 2012

Report No.: AVG0584

Project: Tampa, FL

Client ID: MW-2-071912

Lab Number ID: AVG0584-08

Date/Time Sampled: 7/18/2012 11:35:00AM

Date/Time Received: 7/20/2012 8:10:00AM

Matrix: Ground Water

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Volatile Organic Compounds by EPA 8260											
1,1,1,2-Tetrachloroethane	ND	1.3	0.5	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:23	2070542	CJH
1,1,2,2-Tetrachloroethane	ND	1.0	0.2	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:23	2070542	CJH
Tetrachloroethane	ND	2.0	0.2	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:23	2070542	CJH
Toluene	7.3	2.0	0.2	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:23	2070542	CJH
1,2,3-Trichlorobenzene	ND	10	0.6	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:23	2070542	CJH
1,2,4-Trichlorobenzene	ND	10	0.5	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:23	2070542	CJH
1,1,1-Trichloroethane	ND	2.0	0.4	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:23	2070542	CJH
1,1,2-Trichloroethane	ND	2.0	0.4	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:23	2070542	CJH
Trichloroethane	ND	2.0	0.2	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:23	2070542	CJH
Trichlorofluoromethane	ND	10	0.2	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:23	2070542	CJH
1,2,3-Trichloropropane	ND	1.0	0.9	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:23	2070542	CJH
1,2,4-Trimethylbenzene	ND	10	0.8	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:23	2070542	CJH
1,3,5-Trimethylbenzene	ND	10	0.9	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:23	2070542	CJH
Vinyl Acetate	ND	10	0.3	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:23	2070542	CJH
Vinyl Chloride	ND	1.0	0.2	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:23	2070542	CJH
m+p-Xylene	ND	5.0	0.4	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:23	2070542	CJH
o-Xylene	ND	5.0	0.8	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:23	2070542	CJH
Xylenes, total	ND	5.0	0.8	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:23	2070542	CJH
Surrogate: Dibromofluoromethane	94 %	75-123		EPA 8260B		07/20/12 11:30		07/20/12 14:23		2070542	
Surrogate: 1,2-Dichloroethane-d4	96 %	72-120		EPA 8260B		07/20/12 11:30		07/20/12 14:23		2070542	
Surrogate: Toluene-d8	99 %	75-120		EPA 8260B		07/20/12 11:30		07/20/12 14:23		2070542	
Surrogate: 4-Bromofluorobenzene	98 %	80-120		EPA 8260B		07/20/12 11:30		07/20/12 14:23		2070542	



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

July 31, 2012

Report No.: AVG0584

Project: Tampa, FL

Client ID: MW-2-071912

Lab Number ID: AVG0584-06

Date/Time Sampled: 7/19/2012 11:35:00AM

Date/Time Received: 7/20/2012 8:10:00AM

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	9.4	4.4	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 17:41	2070591	RAC
Acenaphthylene	ND	9.4	4.3	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 17:41	2070591	RAC
Anthracene	ND	9.4	4.1	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 17:41	2070591	RAC
Benzo(a)anthracene	ND	9.4	3.8	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 17:41	2070591	RAC
Benzo(a)pyrene	ND	9.4	4.6	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 17:41	2070591	RAC
Benzo(b)fluoranthene	ND	9.4	4.1	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 17:41	2070591	RAC
Benzo(ghi)perylene	ND	9.4	5.2	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 17:41	2070591	RAC
Benzo(k)fluoranthene	ND	9.4	4.7	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 17:41	2070591	RAC
Benzoic acid	100	47	2.9	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 17:41	2070591	RAC
Benzyl alcohol	ND	19	4.8	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 17:41	2070591	RAC
Benzyl butyl phthalate	ND	9.4	5.9	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 17:41	2070591	RAC
4-Bromophenyl phenyl ether	ND	9.4	4.7	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 17:41	2070591	RAC
Di-n-butyl phthalate	ND	9.4	4.5	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 17:41	2070591	RAC
4-Chloroaniline	ND	19	3.9	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 17:41	2070591	RAC
Bis(2-chloroethoxy)methane	ND	9.4	4.1	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 17:41	2070591	RAC
Bis(2-chloroethyl)ether	ND	9.4	3.1	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 17:41	2070591	RAC
Bis(2-chloroisopropyl)ether	ND	9.4	3.5	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 17:41	2070591	RAC
4-Chloro-3-methylphenol	ND	9.4	5.4	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 17:41	2070591	RAC
2-Chloronaphthalene	ND	9.4	4.0	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 17:41	2070591	RAC
2-Chlorophenol	ND	9.4	3.9	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 17:41	2070591	RAC
4-Chlorophenyl phenyl ether	ND	9.4	3.9	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 17:41	2070591	RAC
Chrysene	ND	9.4	3.7	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 17:41	2070591	RAC
Dibenzo(a,h)anthracene	ND	9.4	4.2	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 17:41	2070591	RAC
Dibenzofuran	ND	9.4	4.3	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 17:41	2070591	RAC
1,2-Dichlorobenzene	ND	9.4	3.1	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 17:41	2070591	RAC
1,3-Dichlorobenzene	ND	9.4	2.7	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 17:41	2070591	RAC
1,4-Dichlorobenzene	ND	9.4	2.7	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 17:41	2070591	RAC
3,3'-Dichlorobenzidine	ND	19	4.7	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 17:41	2070591	RAC
2,4-Dichlorophenol	ND	9.4	5.0	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 17:41	2070591	RAC
Diethyl phthalate	5.1	9.4	3.7	ug/L	EPA 8270D	J	1	07/24/12 09:30	07/24/12 17:41	2070591	RAC
2,4-Dimethylphenol	ND	9.4	4.2	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 17:41	2070591	RAC
Dimethyl phthalate	ND	9.4	3.8	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 17:41	2070591	RAC



ANALYTICAL SERVICES, INC.

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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

July 31, 2012

Report No.: AVG0584

Project: Tampa, FL

Client ID: MW-2-071912

Lab Number ID: AVG0584-06

Date/Time Sampled: 7/19/2012 11:35:00AM

Date/Time Received: 7/20/2012 8:10:00AM

Matrix: Ground Water

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Int.
Semivolatile Organic Compounds by EPA 8270											
4,6-Dinitro-2-methylphenol	ND	47	5.4	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 17:41	2070591	RAC
2,4-Dinitrophenol	ND	47	6.8	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 17:41	2070591	RAC
2,4-Dinitrotoluene	ND	19	4.4	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 17:41	2070591	RAC
2,6-Dinitrotoluene	ND	19	4.4	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 17:41	2070591	RAC
Bis(2-ethylhexyl)phthalate	ND	9.4	5.6	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 17:41	2070591	RAC
Fluoranthene	ND	9.4	4.3	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 17:41	2070591	RAC
Fluorene	ND	9.4	4.1	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 17:41	2070591	RAC
Hexachlorobenzene	ND	9.4	3.7	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 17:41	2070591	RAC
Hexachlorobutadiene	ND	9.4	3.9	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 17:41	2070591	RAC
Hexachlorocyclopentadiene	ND	9.4	5.4	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 17:41	2070591	RAC
Hexachloroethane	ND	9.4	3.2	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 17:41	2070591	RAC
Indeno(1,2,3-cd)pyrene	ND	9.4	4.7	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 17:41	2070591	RAC
Isophorone	ND	9.4	4.2	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 17:41	2070591	RAC
2-Methylnaphthalene	ND	9.4	4.8	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 17:41	2070591	RAC
2-Methylphenol (o-cresol)	ND	9.4	4.7	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 17:41	2070591	RAC
3+4-Methylphenol (m+p-cresol)	100	19	10	ug/L	EPA 8270D		2	07/24/12 09:30	07/26/12 13:55	2070591	RAC
Naphthalene	ND	9.4	3.5	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 17:41	2070591	RAC
2-Nitroaniline	ND	47	5.9	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 17:41	2070591	RAC
3-Nitroaniline	ND	47	5.2	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 17:41	2070591	RAC
4-Nitroaniline	ND	47	5.6	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 17:41	2070591	RAC
Nitrobenzene	ND	9.4	3.8	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 17:41	2070591	RAC
2-Nitrophenol	ND	47	4.6	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 17:41	2070591	RAC
4-Nitrophenol	ND	47	4.0	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 17:41	2070591	RAC
N-Nitrosodimethylamine	ND	9.4	2.4	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 17:41	2070591	RAC
N-Nitrosodiphenylamine/Diphenylamine	ND	9.4	3.6	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 17:41	2070591	RAC
N-Nitrosodi-n-propylamine	ND	9.4	5.7	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 17:41	2070591	RAC
Di-n-octyl phthalate	ND	9.4	5.9	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 17:41	2070591	RAC
Pentachlorophenol	ND	19	5.7	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 17:41	2070591	RAC
Phenanthrene	ND	9.4	3.8	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 17:41	2070591	RAC
Phenol	ND	9.4	2.7	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 17:41	2070591	RAC
Pyrene	ND	9.4	4.3	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 17:41	2070591	RAC
1,2,4-Trichlorobenzene	ND	9.4	3.1	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 17:41	2070591	RAC



ANALYTICAL SERVICES, INC.

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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

July 31, 2012

Report No.: AVG0584

Project: Tampa, FL

Client ID: MW-2-071912

Lab Number ID: AVG0584-06

Date/Time Sampled: 7/19/2012 11:35:00AM

Date/Time Received: 7/20/2012 8:10:00AM

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	9.4	5.5	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 17:41	2070591	RAC
2,4,6-Trichlorophenol	ND	9.4	5.2	ug/L	EPA 8270D		1	07/24/12 09:30	07/24/12 17:41	2070591	RAC
Surrogate: 2-Fluorophenol	30 %		10-88		EPA 8270D			07/24/12 09:30	07/24/12 17:41	2070591	
Surrogate: Phenol-d6	19 %		10-61		EPA 8270D			07/24/12 09:30	07/24/12 17:41	2070591	
Surrogate: Nitrobenzene-d5	60 %		28-109		EPA 8270D			07/24/12 09:30	07/24/12 17:41	2070591	
Surrogate: 2-Fluorobiphenyl	67 %		38-112		EPA 8270D			07/24/12 09:30	07/24/12 17:41	2070591	
Surrogate: 2,4,6-Tribromophenol	86 %		10-165		EPA 8270D			07/24/12 09:30	07/24/12 17:41	2070591	
Surrogate: p-Terphenyl-d14	62 %		10-142		EPA 8270D			07/24/12 09:30	07/24/12 17:41	2070591	



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

Attention: Mr. Bob Schoepke

July 31, 2012

Report No.: AVG0584

Project: Tampa, FL

Client ID: Trip Blank

Lab Number ID: AVG0584-07

Date/Time Sampled: 7/19/2012 12:00:00AM

Date/Time Received: 7/20/2012 8:10:00AM

Matrix: Water

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Volatile Organic Compounds by EPA 8260											
Acetone	ND	100	6.1	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:51	2070542	CJH
Acrolein	ND	14	2.8	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:51	2070542	CJH
Acrylonitrile	ND	4.0	1.9	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:51	2070542	CJH
Allyl Chloride (3-Chloropropylene)	ND	10	1.1	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:51	2070542	CJH
Benzene	ND	1.0	0.1	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:51	2070542	CJH
Bromobenzene	ND	10	0.2	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:51	2070542	CJH
Bromochloromethane	ND	10	0.4	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:51	2070542	CJH
Bromodichloromethane	ND	1.0	0.3	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:51	2070542	CJH
Bromoform	ND	4.4	1.0	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:51	2070542	CJH
Bromomethane	ND	9.8	2.0	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:51	2070542	CJH
n-Butylbenzene	ND	10	0.8	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:51	2070542	CJH
sec-Butylbenzene	ND	10	0.2	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:51	2070542	CJH
tert-Butylbenzene	ND	10	0.8	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:51	2070542	CJH
Carbon Disulfide	ND	10	1.5	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:51	2070542	CJH
Carbon Tetrachloride	ND	2.0	0.9	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:51	2070542	CJH
Chlorobenzene	ND	10	0.3	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:51	2070542	CJH
1-Chlorobutane	ND	10	0.3	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:51	2070542	CJH
Chloroethane	ND	5.0	0.7	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:51	2070542	CJH
2-Chloroethyl Vinyl Ether	ND	10	0.8	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:51	2070542	CJH
Chloroform	ND	2.0	0.4	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:51	2070542	CJH
Chloromethane	ND	2.7	0.1	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:51	2070542	CJH
2-Chlorotoluene	ND	10	0.2	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:51	2070542	CJH
4-Chlorotoluene	ND	10	0.3	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:51	2070542	CJH
Dibromochloromethane	ND	1.0	0.2	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:51	2070542	CJH
1,2-Dibromo-3-chloropropane	ND	5.0	1.0	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:51	2070542	CJH
1,2-Dibromoethane	ND	2.0	0.3	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:51	2070542	CJH
Dibromomethane	ND	10	0.4	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:51	2070542	CJH
1,2-Dichlorobenzene	ND	10	0.3	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:51	2070542	CJH
1,3-Dichlorobenzene	ND	10	0.2	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:51	2070542	CJH
1,4-Dichlorobenzene	ND	10	0.3	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:51	2070542	CJH
trans-1,4-Dichloro-2-butene	ND	5.0	0.9	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:51	2070542	CJH
Dichlorodifluoromethane	ND	10	0.6	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:51	2070542	CJH



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

July 31, 2012

Report No.: AVG0584

Project: Tampa, FL

Client ID: Trip Blank

Lab Number ID: AVG0584-07

Date/Time Sampled: 7/19/2012 12:00:00AM

Date/Time Received: 7/20/2012 8:10:00AM

Matrix: Water

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Volatile Organic Compounds by EPA 8260											
1,1-Dichloroethane	ND	2.0	0.2	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:51	2070542	CJH
1,2-Dichloroethane	ND	2.0	0.2	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:51	2070542	CJH
1,1-Dichloroethene	ND	2.0	0.2	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:51	2070542	CJH
cis-1,2-Dichloroethene	ND	2.0	0.2	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:51	2070542	CJH
trans-1,2-Dichloroethene	ND	2.0	0.3	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:51	2070542	CJH
1,2-Dichloroethane (total)	ND	2.0	0.3	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:51	2070542	CJH
1,2-Dichloropropane	ND	2.0	0.2	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:51	2070542	CJH
1,3-Dichloropropane	ND	2.0	0.4	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:51	2070542	CJH
2,2-Dichloropropane	ND	10	1.2	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:51	2070542	CJH
1,1-Dichloropropene	ND	10	0.2	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:51	2070542	CJH
cis-1,3-Dichloropropene	ND	1.0	0.3	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:51	2070542	CJH
trans-1,3-Dichloropropene	ND	2.0	0.3	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:51	2070542	CJH
Ethylbenzene	ND	2.0	0.3	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:51	2070542	CJH
Ethyl Methacrylate	ND	10	0.9	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:51	2070542	CJH
Hexachlorobutadiene	ND	2.0	0.4	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:51	2070542	CJH
p-Isopropyltoluene	ND	10	0.8	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:51	2070542	CJH
Hexachloroethane	ND	4.0	2.4	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:51	2070542	CJH
Iodomethane	ND	10	1.8	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:51	2070542	CJH
Isopropylbenzene	ND	10	0.8	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:51	2070542	CJH
Methacrylonitrile	ND	5.0	0.5	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:51	2070542	CJH
Methyl Acrylate	ND	10	1.5	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:51	2070542	CJH
Methyl Butyl Ketone (2-Hexanone)	ND	10	1.3	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:51	2070542	CJH
Methylene Chloride	ND	5.0	0.2	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:51	2070542	CJH
Methyl Ethyl Ketone (2-Butanone)	ND	100	1.3	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:51	2070542	CJH
Methyl Methacrylate	ND	10	1.0	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:51	2070542	CJH
4-Methyl-2-pentanone (MIBK)	ND	10	1.3	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:51	2070542	CJH
Methyl-tert-Butyl Ether	ND	10	0.4	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:51	2070542	CJH
Naphthalene	ND	10	0.9	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:51	2070542	CJH
2-Nitropropane	ND	10	3.9	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:51	2070542	CJH
Propionitrile (Ethyl Cyanide)	ND	20	3.6	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:51	2070542	CJH
n-Propylbenzene	ND	10	0.9	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:51	2070542	CJH
Styrene	ND	5.0	0.7	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:51	2070542	CJH



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

Attention: Mr. Bob Schoepke

July 31, 2012

Report No.: AVG0584

Project: Tampa, FL

Client ID: Trip Blank

Lab Number ID: AVG0584-07

Date/Time Sampled: 7/19/2012 12:00:00AM

Date/Time Received: 7/20/2012 8:10:00AM

Matrix: Water

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Volatile Organic Compounds by EPA 8260											
1,1,1,2-Tetrachloroethane	ND	1.3	0.5	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:51	2070542	CJH
1,1,2,2-Tetrachloroethane	ND	1.0	0.2	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:51	2070542	CJH
Tetrachloroethane	ND	2.0	0.2	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:51	2070542	CJH
Toluene	ND	2.0	0.2	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:51	2070542	CJH
1,2,3-Trichlorobenzene	ND	10	0.6	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:51	2070542	CJH
1,2,4-Trichlorobenzene	ND	10	0.5	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:51	2070542	CJH
1,1,1-Trichloroethane	ND	2.0	0.4	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:51	2070542	CJH
1,1,2-Trichloroethane	ND	2.0	0.4	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:51	2070542	CJH
Trichloroethane	ND	2.0	0.2	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:51	2070542	CJH
Trichlorofluoromethane	ND	10	0.2	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:51	2070542	CJH
1,2,3-Trichloropropane	ND	1.0	0.9	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:51	2070542	CJH
1,2,4-Trimethylbenzene	ND	10	0.8	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:51	2070542	CJH
1,3,5-Trimethylbenzene	ND	10	0.9	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:51	2070542	CJH
Vinyl Acetate	ND	10	0.3	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:51	2070542	CJH
Vinyl Chloride	ND	1.0	0.2	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:51	2070542	CJH
m+p-Xylene	ND	5.0	0.4	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:51	2070542	CJH
o-Xylene	ND	5.0	0.8	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:51	2070542	CJH
Xylenes, total	ND	5.0	0.8	ug/L	EPA 8260B		1	07/20/12 11:30	07/20/12 14:51	2070542	CJH
Surrogate: Dibromofluoromethane	92 %	75-123		EPA 8260B				07/20/12 11:30	07/20/12 14:51	2070542	
Surrogate: 1,2-Dichloroethane-d4	97 %	72-120		EPA 8260B				07/20/12 11:30	07/20/12 14:51	2070542	
Surrogate: Toluene-d8	100 %	75-120		EPA 8260B				07/20/12 11:30	07/20/12 14:51	2070542	
Surrogate: 4-Bromofluorobenzene	97 %	80-120		EPA 8260B				07/20/12 11:30	07/20/12 14:51	2070542	



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

Attention: Mr. Bob Schoepke

July 31, 2012

Report No.: AVG0584

Volatile Organic Compounds by EPA 8260 - Quality Control

Analyte	Result	RL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2070542 - EPA 5030B											
Blank (2070542-BLK1)						Prepared & Analyzed: 07/20/12					
Acetone	ND	100	6.1	ug/L							
Acrolein	ND	14	2.8	ug/L							
Acrylonitrile	ND	4.0	1.9	ug/L							
Allyl Chloride (3-Chloropropylene)	ND	10	1.1	ug/L							
Benzene	ND	1.0	0.1	ug/L							
Bromobenzene	ND	10	0.2	ug/L							
Bromochloromethane	ND	10	0.4	ug/L							
Bromodichloromethane	ND	1.0	0.3	ug/L							
Bromoform	ND	4.4	1.0	ug/L							
Bromomethane	ND	9.8	2.0	ug/L							
n-Butylbenzene	ND	10	0.8	ug/L							
sec-Butylbenzene	ND	10	0.2	ug/L							
tert-Butylbenzene	ND	10	0.8	ug/L							
Carbon Disulfide	ND	10	1.5	ug/L							
Carbon Tetrachloride	ND	2.0	0.9	ug/L							
Chlorobenzene	ND	10	0.3	ug/L							
1-Chlorobutane	ND	10	0.3	ug/L							
Chloroethane	ND	5.0	0.7	ug/L							
2-Chloroethyl Vinyl Ether	ND	10	0.8	ug/L							
Chloroform	ND	2.0	0.4	ug/L							
Chloromethane	ND	2.7	0.1	ug/L							
2-Chlorotoluene	ND	10	0.2	ug/L							
4-Chlorotoluene	ND	10	0.3	ug/L							
Dibromochloromethane	ND	1.0	0.2	ug/L							
1,2-Dibromo-3-chloropropane	ND	5.0	1.0	ug/L							
1,2-Dibromoethane	ND	2.0	0.3	ug/L							
Dibromomethane	ND	10	0.4	ug/L							
1,2-Dichlorobenzene	ND	10	0.3	ug/L							
1,3-Dichlorobenzene	ND	10	0.2	ug/L							
1,4-Dichlorobenzene	ND	10	0.3	ug/L							
trans-1,4-Dichloro-2-butene	ND	5.0	0.9	ug/L							
Dichlorodifluoromethane	ND	10	0.6	ug/L							
1,1-Dichloroethane	ND	2.0	0.2	ug/L							
1,2-Dichloroethane	ND	2.0	0.2	ug/L							
1,1-Dichloroethene	ND	2.0	0.2	ug/L							
cis-1,2-Dichloroethene	ND	2.0	0.2	ug/L							
trans-1,2-Dichloroethene	ND	2.0	0.3	ug/L							
1,2-Dichloroethene (total)	ND	2.0	0.3	ug/L							
1,2-Dichloropropane	ND	2.0	0.2	ug/L							



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July 31, 2012

Report No.: **AVG0584**

Volatile Organic Compounds by EPA 8260 - Quality Control

Analyte	Result	RL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2070542 - EPA 5030B											
Blank (2070542-BLK1)						Prepared & Analyzed: 07/20/12					
1,3-Dichloropropane	ND	2.0	0.4	ug/L							
2,2-Dichloropropane	ND	10	1.2	ug/L							
1,1-Dichloropropane	ND	10	0.2	ug/L							
cis-1,3-Dichloropropene	ND	1.0	0.3	ug/L							
trans-1,3-Dichloropropene	ND	2.0	0.3	ug/L							
Ethylbenzene	ND	2.0	0.3	ug/L							
Ethyl Methacrylate	ND	10	0.9	ug/L							
Hexachlorobutadiene	ND	2.0	0.4	ug/L							
p-Isopropyltoluene	ND	10	0.8	ug/L							
Hexachloroethane	ND	4.0	2.4	ug/L							
Iodomethane	ND	10	1.8	ug/L							
Isopropylbenzene	ND	10	0.8	ug/L							
Methacrylonitrile	ND	5.0	0.5	ug/L							
Methyl Acrylate	ND	10	1.5	ug/L							
Methyl Butyl Ketone (2-Hexanone)	ND	10	1.3	ug/L							
Methylene Chloride	ND	5.0	0.2	ug/L							
Methyl Ethyl Ketone (2-Butanone)	ND	100	1.3	ug/L							
Methyl Methacrylate	ND	10	1.0	ug/L							
4-Methyl-2-pentanone (MIBK)	ND	10	1.3	ug/L							
Methyl-tert-Butyl Ether	ND	10	0.4	ug/L							
Naphthalene	ND	10	0.9	ug/L							
2-Nitropropane	ND	10	3.9	ug/L							
Propionitrile (Ethyl Cyanide)	ND	20	3.6	ug/L							
n-Propylbenzene	ND	10	0.9	ug/L							
Styrene	ND	5.0	0.7	ug/L							
1,1,1,2-Tetrachloroethane	ND	1.3	0.5	ug/L							
1,1,2,2-Tetrachloroethane	ND	1.0	0.2	ug/L							
Tetrachloroethane	ND	2.0	0.2	ug/L							
Toluene	ND	2.0	0.2	ug/L							
1,2,3-Trichlorobenzene	ND	10	0.6	ug/L							
1,2,4-Trichlorobenzene	ND	10	0.5	ug/L							
1,1,1-Trichloroethane	ND	2.0	0.4	ug/L							
1,1,2-Trichloroethane	ND	2.0	0.4	ug/L							
Trichloroethane	ND	2.0	0.2	ug/L							
Trichlorofluoromethane	ND	10	0.2	ug/L							
1,2,3-Trichloropropane	ND	1.0	0.9	ug/L							
1,2,4-Trimethylbenzene	ND	10	0.8	ug/L							
1,3,5-Trimethylbenzene	ND	10	0.9	ug/L							
Vinyl Acetate	ND	10	0.3	ug/L							



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July 31, 2012

Report No.: **AVG0584**

Volatile Organic Compounds by EPA 8260 - Quality Control

Analyte	Result	RL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2070542 - EPA 5030B											
Blank (2070542-BLK1)						Prepared & Analyzed: 07/20/12					
Vinyl Chloride	ND	1.0	0.2	ug/L							
m+p-Xylene	ND	5.0	0.4	ug/L							
o-Xylene	ND	5.0	0.8	ug/L							
Xylenes, total	ND	5.0	0.8	ug/L							
Surrogate: Dibromofluoromethane	48			ug/L	50.000		95	75-123			
Surrogate: 1,2-Dichloroethane-d4	48			ug/L	50.000		96	72-120			
Surrogate: Toluene-d8	49			ug/L	50.000		99	75-120			
Surrogate: 4-Bromofluorobenzene	50			ug/L	50.000		99	80-120			
LCS (2070542-BS1)						Prepared & Analyzed: 07/20/12					
Benzene	51			ug/L	50.000		102	80-120			
Chlorobenzene	52			ug/L	50.000		103	80-120			
1,1-Dichloroethene	42			ug/L	50.000		83	77-121			
Toluene	47			ug/L	50.000		93	78-120			
Trichloroethene	49			ug/L	50.000		99	80-122			
Surrogate: Dibromofluoromethane	47			ug/L	50.000		93	75-123			
Surrogate: 1,2-Dichloroethane-d4	48			ug/L	50.000		95	72-120			
Surrogate: Toluene-d8	50			ug/L	50.000		99	75-120			
Surrogate: 4-Bromofluorobenzene	49			ug/L	50.000		98	80-120			
Matrix Spike (2070542-MS1)						Source: AVG0584-01	Prepared & Analyzed: 07/20/12				
Benzene	52			ug/L	50.000	ND	104	80-123			
Chlorobenzene	51			ug/L	50.000	0.2	101	75-120			
1,1-Dichloroethene	48			ug/L	50.000	ND	95	80-120			
Toluene	48			ug/L	50.000	ND	97	80-120			
Trichloroethene	53			ug/L	50.000	ND	105	80-125			
Surrogate: Dibromofluoromethane	47			ug/L	50.000		94	75-123			
Surrogate: 1,2-Dichloroethane-d4	48			ug/L	50.000		96	72-120			
Surrogate: Toluene-d8	50			ug/L	50.000		100	75-120			
Surrogate: 4-Bromofluorobenzene	48			ug/L	50.000		97	80-120			



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July 31, 2012

Report No.: **AVG0584**

Volatile Organic Compounds by EPA 8260 - Quality Control

Analyte	Result	RL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2070542 - EPA 5030B											
Matrix Spike Dup (2070542-MSD1)				Source: AVG0584-01			Prepared & Analyzed: 07/20/12				
Benzene	49			ug/L	50.000	ND	98	80-123	6	9	
Chlorobenzene	49			ug/L	50.000	0.2	97	75-120	4	13	
1,1-Dichloroethene	44			ug/L	50.000	ND	88	80-120	8	9	
Toluene	46			ug/L	50.000	ND	92	80-120	4	9	
Trichloroethene	50			ug/L	50.000	ND	101	80-125	4	11	
Surrogate: Dibromofluoromethane	45			ug/L	50.000		90	75-123			
Surrogate: 1,2-Dichloroethane-d4	48			ug/L	50.000		96	72-120			
Surrogate: Toluene-d8	49			ug/L	50.000		99	75-120			
Surrogate: 4-Bromofluorobenzene	49			ug/L	50.000		99	80-120			



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

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

Attention: Mr. Bob Schoepke

July 31, 2012

Report No.: **AVG0584**

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 2070591 - EPA 3510C											
Blank (2070591-BLK1)						Prepared & Analyzed: 07/24/12					
Acenaphthene	ND	10	4.7	ug/L							
Acenaphthylene	ND	10	4.6	ug/L							
Anthracene	ND	10	4.3	ug/L							
Benzo(a)anthracene	ND	10	4.1	ug/L							
Benzo(a)pyrene	ND	10	4.8	ug/L							
Benzo(b)fluoranthene	ND	10	4.4	ug/L							
Benzo(ghi)perylene	ND	10	5.5	ug/L							
Benzo(k)fluoranthene	ND	10	5.0	ug/L							
Benzoic acid	ND	50	3.1	ug/L							
Benzyl alcohol	ND	20	5.1	ug/L							
Benzyl butyl phthalate	ND	10	6.3	ug/L							
4-Bromophenyl phenyl ether	ND	10	5.0	ug/L							
Di-n-butyl phthalate	ND	10	4.8	ug/L							
4-Chloroaniline	ND	20	4.1	ug/L							
Bis(2-chloroethoxy)methane	ND	10	4.4	ug/L							
Bis(2-chloroethyl)ether	ND	10	3.3	ug/L							
Bis(2-chloroisopropyl)ether	ND	10	3.7	ug/L							
4-Chloro-3-methylphenol	ND	10	5.7	ug/L							
2-Chloronaphthalene	ND	10	4.2	ug/L							
2-Chlorophenol	ND	10	4.1	ug/L							
4-Chlorophenyl phenyl ether	ND	10	4.2	ug/L							
Chrysene	ND	10	4.0	ug/L							
Dibenzo(a,h)anthracene	ND	10	4.5	ug/L							
Dibenzofuran	ND	10	4.5	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	2.8	ug/L							
3,3'-Dichlorobenzidine	ND	20	5.0	ug/L							
2,4-Dichlorophenol	ND	10	5.3	ug/L							
Diethyl phthalate	ND	10	3.9	ug/L							
2,4-Dimethylphenol	ND	10	4.4	ug/L							
Dimethyl phthalate	ND	10	4.0	ug/L							
4,6-Dinitro-2-methylphenol	ND	50	5.8	ug/L							
2,4-Dinitrophenol	ND	50	7.2	ug/L							
2,4-Dinitrotoluene	ND	20	4.7	ug/L							
2,6-Dinitrotoluene	ND	20	4.6	ug/L							
Bis(2-ethylhexyl)phthalate	ND	10	5.9	ug/L							
Fluoranthene	ND	10	4.5	ug/L							
Fluorene	ND	10	4.4	ug/L							



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Analyte	Result	RL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2070591 - EPA 3510C											
Blank (2070591-BLK1)						Prepared & Analyzed: 07/24/12					
Hexachlorobenzene	ND	10	3.9	ug/L							
Hexachlorobutadiene	ND	10	4.2	ug/L							
Hexachlorocyclopentadiene	ND	10	5.8	ug/L							
Hexachloroethane	ND	10	3.4	ug/L							
Indeno(1,2,3-cd)pyrene	ND	10	5.0	ug/L							
Isophorone	ND	10	4.4	ug/L							
2-Methylnaphthalene	ND	10	5.1	ug/L							
2-Methylphenol (o-cresol)	ND	10	5.0	ug/L							
3+4-Methylphenol (m+p-cresol)	ND	10	5.4	ug/L							
Naphthalene	ND	10	3.7	ug/L							
2-Nitroaniline	ND	50	6.3	ug/L							
3-Nitroaniline	ND	50	5.5	ug/L							
4-Nitroaniline	ND	50	5.9	ug/L							
Nitrobenzene	ND	10	4.1	ug/L							
2-Nitrophenol	ND	50	4.9	ug/L							
4-Nitrophenol	ND	50	4.2	ug/L							
N-Nitrosodimethylamine	ND	10	2.5	ug/L							
N-Nitrosodiphenylamine/Diphenylamine	ND	10	3.8	ug/L							
N-Nitrosodi-n-propylamine	ND	10	6.1	ug/L							
Di-n-octyl phthalate	ND	10	6.3	ug/L							
Pentachlorophenol	ND	20	6.0	ug/L							
Phenanthrene	ND	10	4.0	ug/L							
Phenol	ND	10	2.9	ug/L							
Pyrene	ND	10	4.5	ug/L							
1,2,4-Trichlorobenzene	ND	10	3.3	ug/L							
2,4,5-Trichlorophenol	ND	10	5.9	ug/L							
2,4,6-Trichlorophenol	ND	10	5.5	ug/L							
Surrogate: 2-Fluorophenol	29.69			ug/L	100.00		30	10-88			
Surrogate: Phenol-d6	19.55			ug/L	100.00		20	10-61			
Surrogate: Nitrobenzene-d5	28.51			ug/L	50.000		57	28-109			
Surrogate: 2-Fluorobiphenyl	31.46			ug/L	50.000		63	38-112			
Surrogate: 2,4,6-Tribromophenol	69.67			ug/L	100.00		70	10-165			
Surrogate: p-Terphenyl-d14	36.67			ug/L	50.000		73	10-142			



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July 31, 2012

Report No.: AVG0584

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 2070591 - EPA 3510C											
LCS (2070591-BS1)						Prepared & Analyzed: 07/24/12					
Acenaphthene	34	10	4.7	ug/L	50.000		68	44-115			
4-Chloro-3-methylphenol	62	10	5.7	ug/L	100.00		62	38-123			
2-Chlorophenol	53	10	4.1	ug/L	100.00		53	35-111			
1,4-Dichlorobenzene	27	10	2.8	ug/L	50.000		53	37-94			
2,4-Dinitrotoluene	29	20	4.7	ug/L	50.000		58	28-118			
4-Nitrophenol	19	50	4.2	ug/L	100.00		19	10-52			J
N-Nitrosodi-n-propylamine	35	10	6.1	ug/L	50.000		70	40-110			
Pentachlorophenol	75	20	6.0	ug/L	100.00		75	31-134			
Phenol	21	10	2.9	ug/L	100.00		21	13-47			
Pyrene	41	10	4.5	ug/L	50.000		82	48-136			
1,2,4-Trichlorobenzene	27	10	3.3	ug/L	50.000		54	37-103			
Surrogate: 2-Fluorophenol	33.51			ug/L	100.00		34	10-88			
Surrogate: Phenol-d6	22.56			ug/L	100.00		23	10-61			
Surrogate: Nitrobenzene-d5	28.04			ug/L	50.000		58	28-109			
Surrogate: 2-Fluorobiphenyl	31.41			ug/L	50.000		63	38-112			
Surrogate: 2,4,6-Tribromophenol	76.83			ug/L	100.00		77	10-165			
Surrogate: p-Terphenyl-d14	39.24			ug/L	50.000		78	10-142			
Matrix Spike (2070591-MS1)						Source: AVG0584-01	Prepared & Analyzed: 07/24/12				
Acenaphthene	27	10	4.7	ug/L	50.000	ND	54	48-108			
4-Chloro-3-methylphenol	49	10	5.7	ug/L	100.00	ND	49	36-124			
2-Chlorophenol	43	10	4.1	ug/L	100.00	ND	43	42-105			
1,4-Dichlorobenzene	20	10	2.8	ug/L	50.000	ND	41	39-90			
2,4-Dinitrotoluene	23	20	4.7	ug/L	50.000	ND	48	29-119			
4-Nitrophenol	31	50	4.2	ug/L	100.00	ND	31	10-53			J
N-Nitrosodi-n-propylamine	25	10	6.1	ug/L	50.000	ND	50	41-106			
Pentachlorophenol	62	20	6.0	ug/L	100.00	ND	62	42-137			
Phenol	27	10	2.9	ug/L	100.00	ND	27	14-43			
Pyrene	37	10	4.5	ug/L	50.000	ND	74	51-131			
1,2,4-Trichlorobenzene	22	10	3.3	ug/L	50.000	ND	44	40-99			
Surrogate: 2-Fluorophenol	35.94			ug/L	100.00		36	10-88			
Surrogate: Phenol-d6	28.83			ug/L	100.00		29	10-61			
Surrogate: Nitrobenzene-d5	20.98			ug/L	50.000		42	28-109			
Surrogate: 2-Fluorobiphenyl	23.91			ug/L	50.000		48	38-112			
Surrogate: 2,4,6-Tribromophenol	61.06			ug/L	100.00		61	10-165			
Surrogate: p-Terphenyl-d14	35.39			ug/L	50.000		71	10-142			



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July 31, 2012

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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 2070591 - EPA 3510C											
Matrix Spike Dup (2070591-MSD1)				Source: AVG0584-01			Prepared & Analyzed: 07/24/12				
Acenaphthene	31	10	4.7	ug/L	50.000	ND	62	48-108	14	35	
4-Chloro-3-methylphenol	57	10	5.7	ug/L	100.00	ND	57	36-124	15	31	
2-Chlorophenol	50	10	4.1	ug/L	100.00	ND	50	42-105	15	36	
1,4-Dichlorobenzene	24	10	2.8	ug/L	50.000	ND	48	39-90	16	35	
2,4-Dinitrotoluene	26	20	4.7	ug/L	50.000	ND	52	29-119	13	39	
4-Nitrophenol	40	50	4.2	ug/L	100.00	ND	40	10-53	25	34	J
N-Nitrosodi-n-propylamine	29	10	6.1	ug/L	50.000	ND	58	41-106	14	36	
Pentachlorophenol	76	20	6.0	ug/L	100.00	ND	76	42-137	20	38	
Phenol	33	10	2.9	ug/L	100.00	ND	33	14-43	20	38	
Pyrene	40	10	4.5	ug/L	50.000	ND	81	51-131	9	27	
1,2,4-Trichlorobenzene	25	10	3.3	ug/L	50.000	ND	51	40-99	14	35	
Surrogate: 2-Fluorophenol	40.07			ug/L	100.00		40	10-88			
Surrogate: Phenol-d6	33.77			ug/L	100.00		34	10-61			
Surrogate: Nitrobenzene-d5	24.35			ug/L	50.000		49	28-109			
Surrogate: 2-Fluorobiphenyl	27.89			ug/L	50.000		56	38-112			
Surrogate: 2,4,6-Tribromophenol	69.53			ug/L	100.00		70	10-165			
Surrogate: p-Terphenyl-d14	37.36			ug/L	50.000		75	10-142			



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Attention: Mr. Bob Schoepke

July 31, 2012

Laboratory Certifications

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



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July 31, 2012

Legend

Definition of Laboratory Terms

- ND** - Not Detected at levels equal to or greater than the MDL
- BRL** - Not Detected at levels equal to or greater than the RL
- RL** - Reporting Limit **MDL** - Method Detection Limit
- SOP** - Method run per ASI Standard Operating Procedure
- CFU** - Colony Forming Units
- DF** - Dilution Factor **TIC** - Tentatively Identified Compound
- *** - Analyte not included in the NELAC list of certified analytes.

Sample Information

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

Phthalic acid and phthalic anhydride are reported as dimethyl phthalate

Maleic acid and maleic anhydride are reported as dimethyl malate

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

Definition of Qualifiers

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

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



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LOG-IN CHECKLIST

Printed: 7/31/2012 11:27:50AM

Attn: Mr. Bob Schoepke

Client: Safety-Kleen Corporation - Elgin

Project: Tampa, FL

Date Received: 07/20/12 08:10

Work Order: AVG0584

Logged In By: Mohammad M. Rahman

OBSERVATIONS

#Samples: 7

#Containers: 33

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

Comments:

The Trip Blank was not listed on the COC. The sample Type was not listed on the COC. MMR



ANALYTICAL SERVICES, INC.

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LOG-IN CHECKLIST

Printed: 2/28/2012 2:54:47PM

Attn: Mr. Bob Schoepke

Client: Safety-Kleen Corporation - Elgin
Project: Tampa, FL
Date Received: 02/09/12 10:00

Work Order: AVB0298
Logged In By: Charles Hawks

OBSERVATIONS

#Samples: 7 #Containers: 54
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	NO
Custody seal Intact	YES
Temperature in Compliance	YES
Sufficient Sample Volume for Analysis	YES
Zero Headspace Maintained for VOA Analyses	YES
Samples labeled preserved (If Applicable)	YES
Samples received within Allowable Hold Times	YES
Samples Received on Ice	YES
Preservation Confirmed	YES

Comments:

The sample MW-6 listed Dissolved Metals, total Fe, total Mn, Cl, SO₄, and TDS as parameters. However, per the client's request, these parameters are not to be analyzed. The trip blank was not listed on the COC. CFH

APPENDIX 5E

**GROUNDWATER
ELEVATION CONTOUR MAPS**

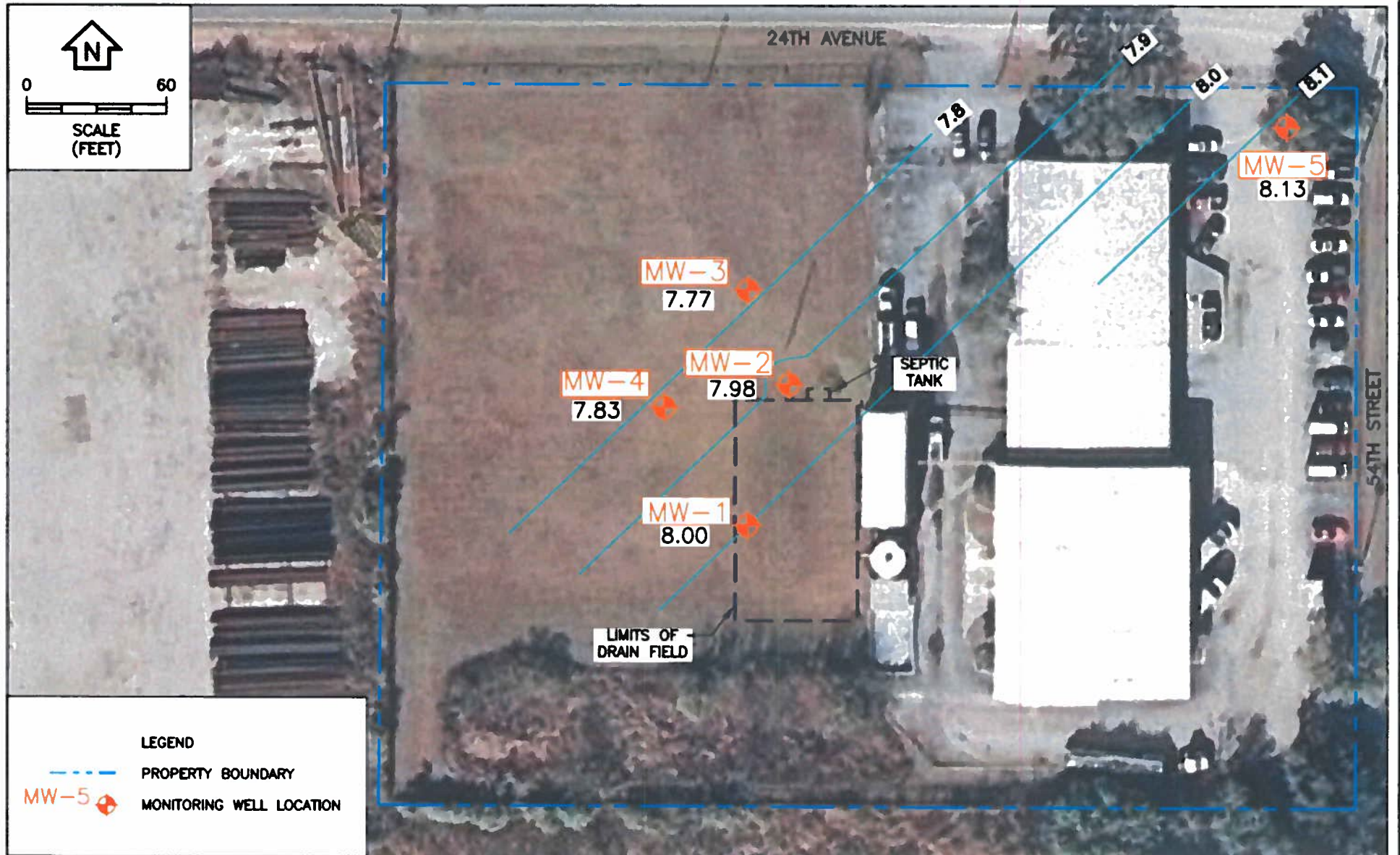


FIGURE .
MAP OF WATER TABLE ELEVATIONS ON 2/8/12 (IN FEET)
SAFETY-KLEEN
TAMPA, FLORIDA

Sources: Hillsborough County Property Appraiser's Office, 2011; SWFWMD Aerial Photograph, 2011; ECT 2012.

ECT
Environmental Consulting & Technology, Inc.

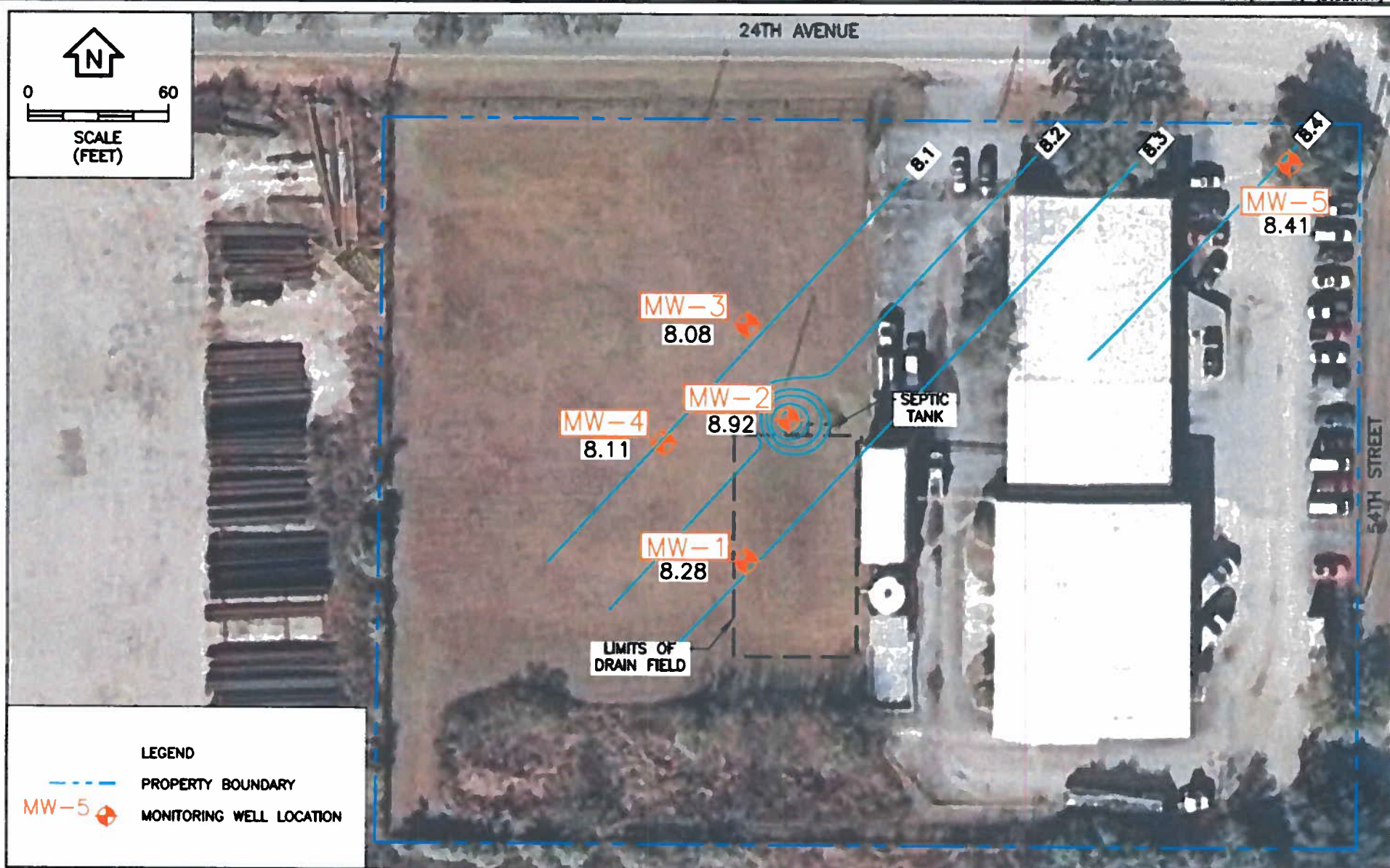


FIGURE
MAP OF WATER TABLE ELEVATIONS ON 4/9/12 (IN FEET)
SAFETY-KLEEN
TAMPA, FLORIDA

Sources: Hillsborough County Property Appraiser's Office, 2011; SWFWMD Aerial Photograph, 2011; ECT 2012.

ECT
Environmental Consulting & Technology, Inc.

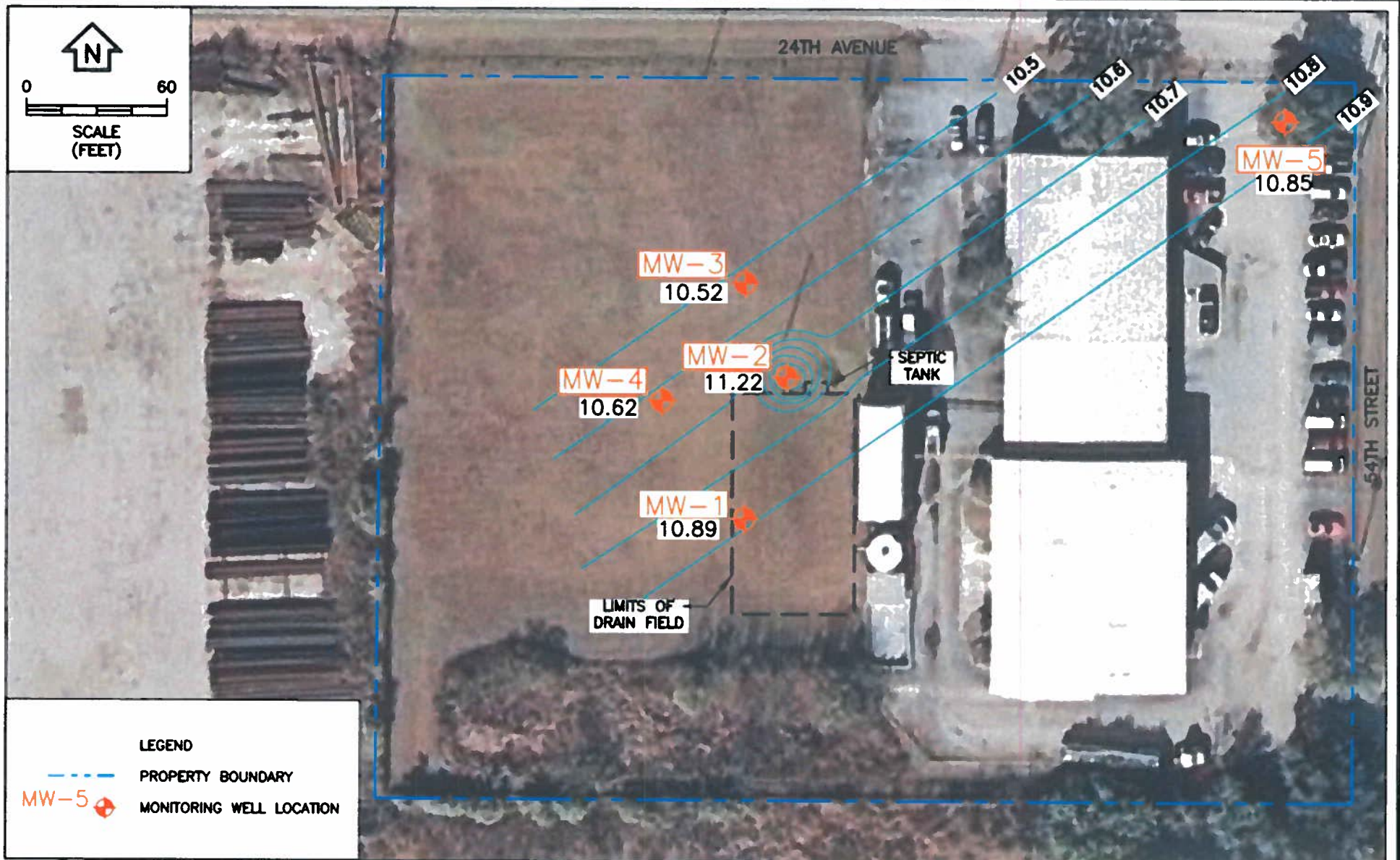


FIGURE .
MAP OF WATER TABLE ELEVATIONS ON 7/2/12 (IN FEET)
SAFETY-KLEEN
TAMPA, FLORIDA

Sources: Hillsborough County Property Appraiser's Office, 2011; SWFWMD Aerial Photograph, 2011; ECT 2012.

ECT
Environmental Consulting & Technology, Inc.

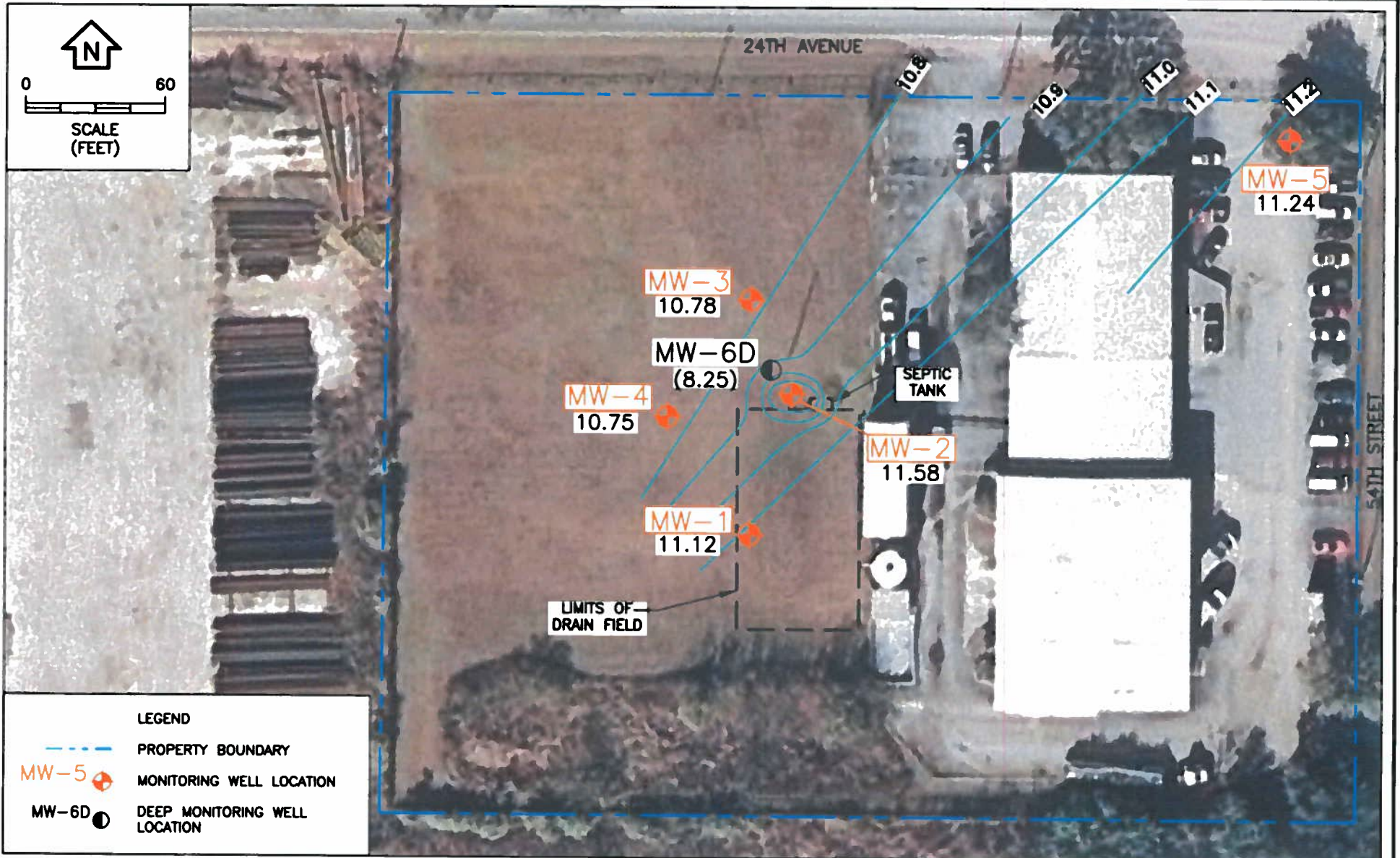


FIGURE
MAP OF WATER TABLE ELEVATIONS ON 7/19/12 (IN FEET NGVD)
SAFETY-KLEEN
TAMPA, FLORIDA

Sources: Hillsborough County Property Appraiser's Office, 2011; SWFWMD Aerial Photograph, 2011; ECT 2012.

ECT
Environmental Consulting & Technology, Inc.

APPENDIX 5F

AQUIFER SLUG TESTS – DATA EVALUATIONS

Well: MW-2
 Site: Safety Klean Systems, Inc.
 Client: Safety Klean Systems, Inc.

Type of Test: Slug Out
 Method of Analysis: Bouwer & Rice (1976, 1989)

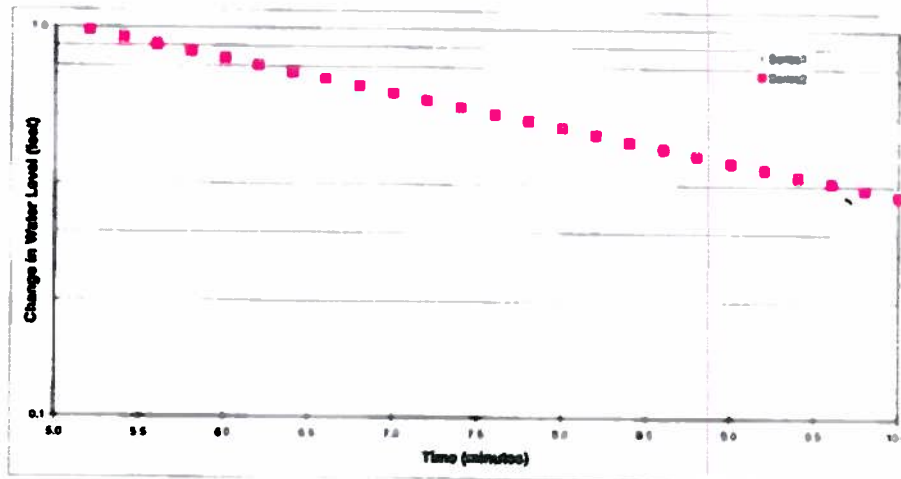
Test By: Keith Morrison
 Test Date: July 19, 2012
 Analysis By: Keith Morrison

WELL & AQUIFER INPUT DATA

r_c = 0.08 Radius of well casing (ft)
 n = 0.30 Porosity of filter pack
 r_w = 0.33 Radius of borehole (ft)
 L_w = 11.17 Height of water table above bottom of well (ft)
 H = 16.76 Height of water table above base of aquifer (or $1.5 \cdot L_w$)
 L_s = 10.00 Saturated screen length (ft)

TIME - DRAWDOWN DATA

Time (minutes)	Changes in Water Levels	
	Observed	Predicted
5.2	0.97	0.98
5.4	0.93	0.94
5.6	0.90	0.91
5.8	0.87	0.87
6.0	0.83	0.84
6.2	0.80	0.80
6.4	0.77	0.77
6.6	0.74	0.74
6.8	0.72	0.71
7.0	0.69	0.68
7.2	0.66	0.66
7.4	0.63	0.63
7.6	0.61	0.61
7.8	0.59	0.58
8.0	0.57	0.56
8.2	0.54	0.54
8.4	0.52	0.52
8.6	0.50	0.50
8.8	0.48	0.48
9.0	0.46	0.46
9.2	0.45	0.44
9.4	0.43	0.42
9.6	0.41	0.41
9.8	0.39	0.39
10.0	0.38	0.37



GRAPHICAL INPUT DATA

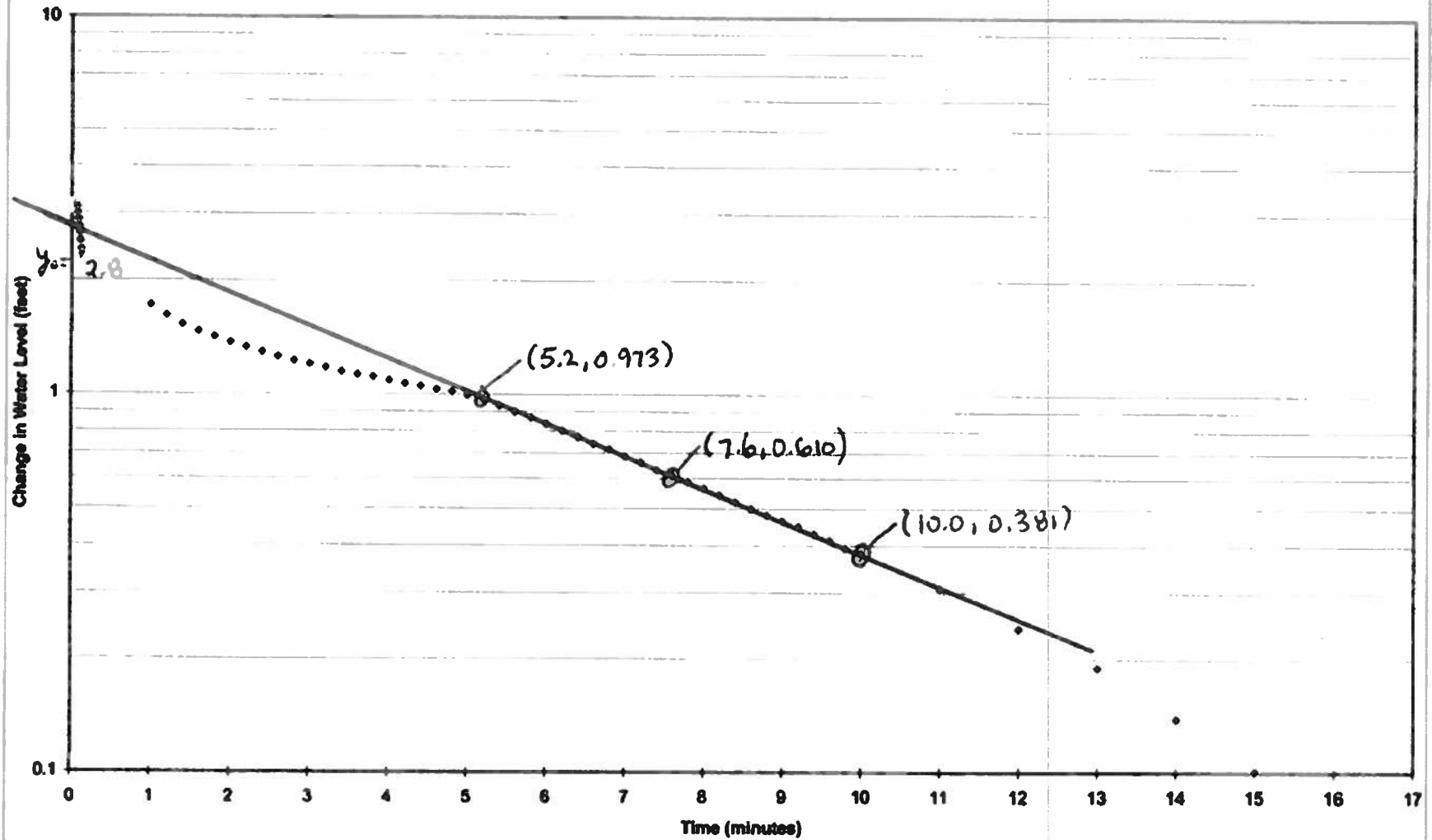
y_0 = 2.8 Maximum displacement or change in water level (ft)
 y_1 = 0.61 Change in water level at time t (minutes)
 t = 7.6 Time at y_1 (minutes)

CALCULATED VALUES

A = 3.30 Well geometry factor from Bouwer & Rice
 B = 0.59 Well geometry factor from Bouwer & Rice
 C = 2.18 Well geometry factor from Bouwer & Rice
 r_e = 0.20 Effective radius of well (ft)
 $\ln(R_w/r_e)$ = 2.40 If Partial penetrating Well
 = NA If Fully Penetrating Well
 $K1$ = 9.21E-04 Hydraulic Conductivity (feet/minute)
 = 1.3 Hydraulic Conductivity (feet/day)

Well: MW-2 (K1)

Test: Slug Out



Well: MW-2
 Site: Safety Klean Systems, Inc.
 Client: Safety Klean Systems, Inc.

Type of Test: Slug Out
 Method of Analysis: Bouwer & Rice (1976, 1980)

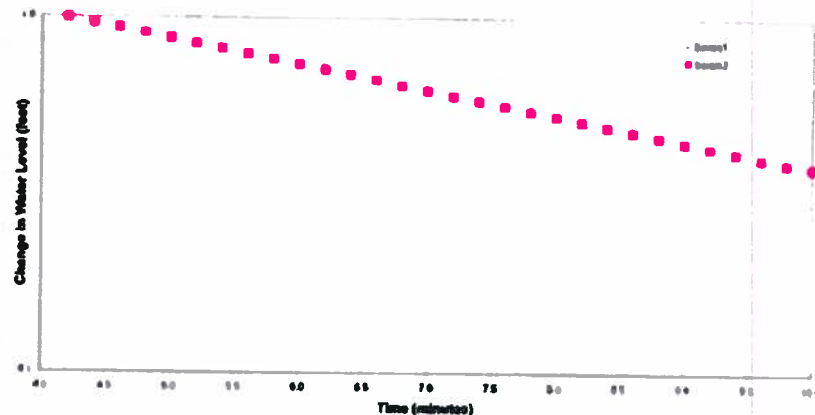
Test By: Keith Morrison
 Test Date: July 19, 2012
 Analysis By: Keith Morrison

WELL & AQUIFER INPUT DATA

r_w = 0.06 Radius of well casing (ft)
 n = 0.30 Porosity of filter pack
 r_b = 0.33 Radius of borehole (ft)
 L_w = 11.00 Height of water table above bottom of well (ft)
 H = 16.50 Height of water table above base of aquifer (or $1.5 \cdot L_w$)
 L_s = 10.00 Saturated screen length (ft)

TIME - DRAWDOWN DATA

Time (minutes)	Changes in Water Levels	
	Observed	Predicted
4.2	0.99	1.00
4.4	0.97	0.97
4.6	0.94	0.93
4.8	0.91	0.90
5.0	0.87	0.87
5.2	0.85	0.85
5.4	0.82	0.82
5.6	0.79	0.79
5.8	0.76	0.77
6.0	0.74	0.74
6.2	0.72	0.72
6.4	0.69	0.69
6.6	0.67	0.67
6.8	0.65	0.65
7.0	0.63	0.63
7.2	0.61	0.61
7.4	0.59	0.59
7.6	0.57	0.57
7.8	0.55	0.55
8.0	0.53	0.53
8.2	0.51	0.51
8.4	0.50	0.50
8.6	0.48	0.48
8.8	0.46	0.47
9.0	0.45	0.45
9.2	0.44	0.44
9.4	0.42	0.42
9.6	0.41	0.41
9.8	0.40	0.39
10.0	0.38	0.38



GRAPHICAL INPUT DATA

y_o = 2.0 Maximum displacement or change in water level (ft)
 y_1 = 0.607 Change in water level at time t (minutes)
 t = 7.2 Time at y_1 (minutes)

CALCULATED VALUES

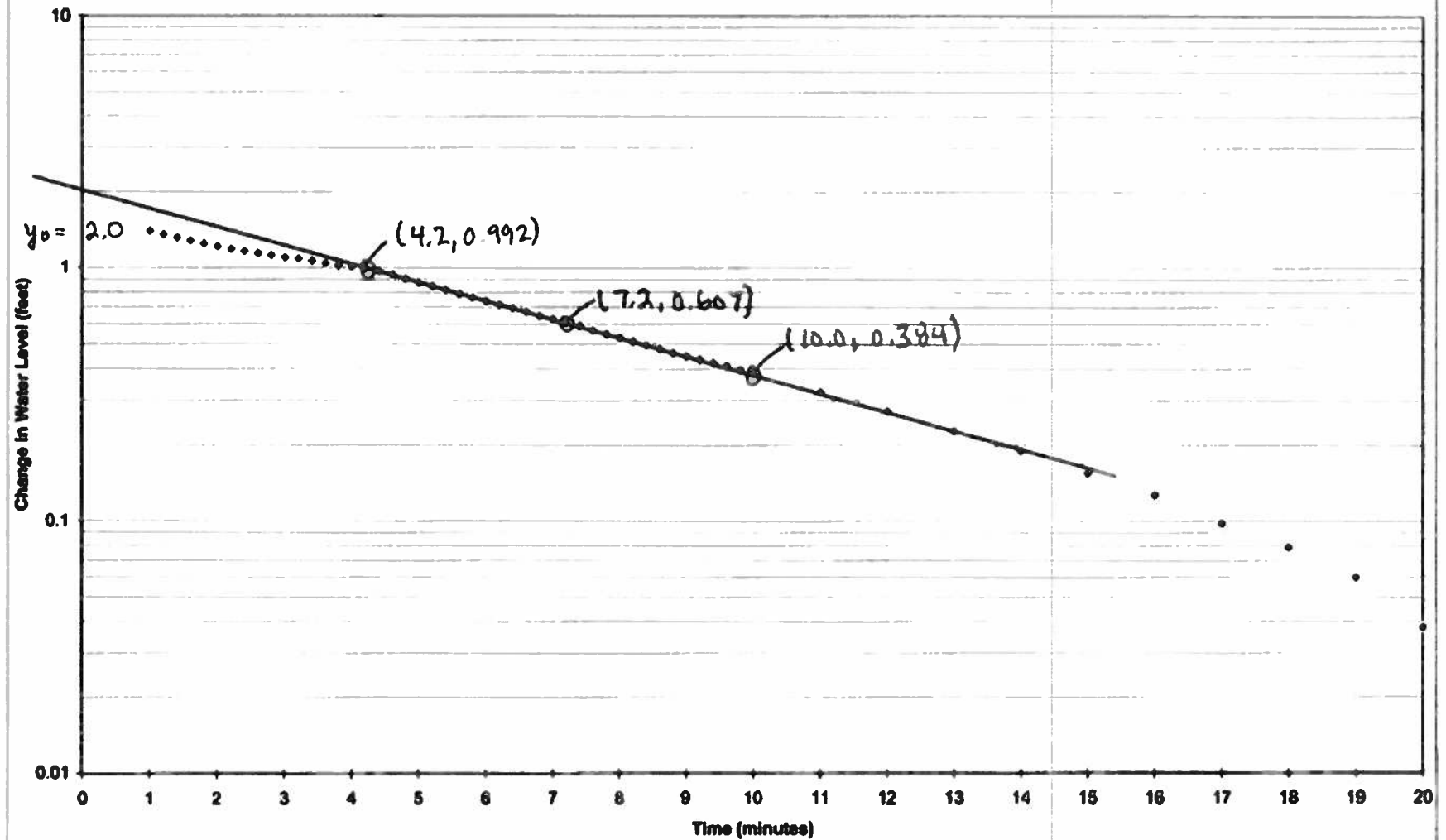
A = 3.30 Well geometry factor from Bouwer & Rice
 B = 0.59 Well geometry factor from Bouwer & Rice
 C = 2.18 Well geometry factor from Bouwer & Rice

r_e = 0.20 Effective radius of well (ft)
 $\ln(R_w/r_e)$ = 2.40 If Partial penetrating Well
 = NA If Fully Penetrating Well

$K2$ = 7.58E-04 Hydraulic Conductivity (feet/minute)
 1.1 Hydraulic Conductivity (foot/day)

Well: MW-2 (K2)

Test: Slug Out



Well: MW-3
 Site: Safety Kleen Systems, Inc.
 Client: Safety Kleen Systems, Inc.

Type of Test: Slug Out
 Method of Analysis: Bouwer & Rice (1976, 1989)

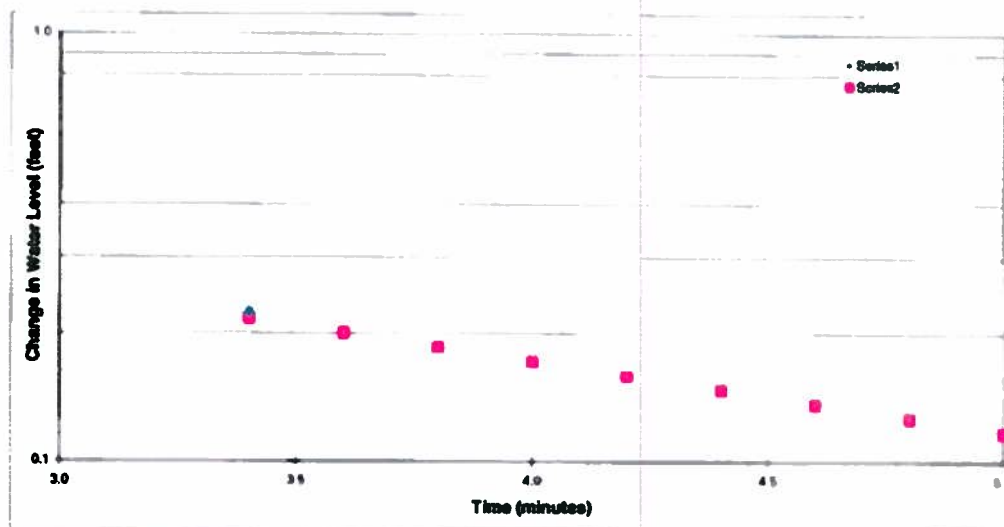
Test By: Keith Morrison
 Test Date: July 19, 2012
 Analysis By: Keith Morrison

WELL & AQUIFER INPUT DATA

r_c = 0.08 Radius of well casing (ft)
 n = 0.30 Porosity of filler pack
 r_w = 0.33 Radius of borehole (ft)
 L_w = 11.50 Height of water table above bottom of well (ft)
 H = 17.25 Height of water table above base of aquifer (or $1.5 \cdot L_w$)
 L_s = 10.00 Saturated screen length (ft)

TIME - DRAWDOWN DATA

Time (minutes)	Changes in Water Levels	
	Observed	Predicted
3.4	0.23	0.22
3.6	0.20	0.20
3.8	0.19	0.19
4.0	0.17	0.17
4.2	0.16	0.16
4.4	0.15	0.15
4.6	0.14	0.14
4.8	0.13	0.13
5.0	0.12	0.12



GRAPHICAL INPUT DATA

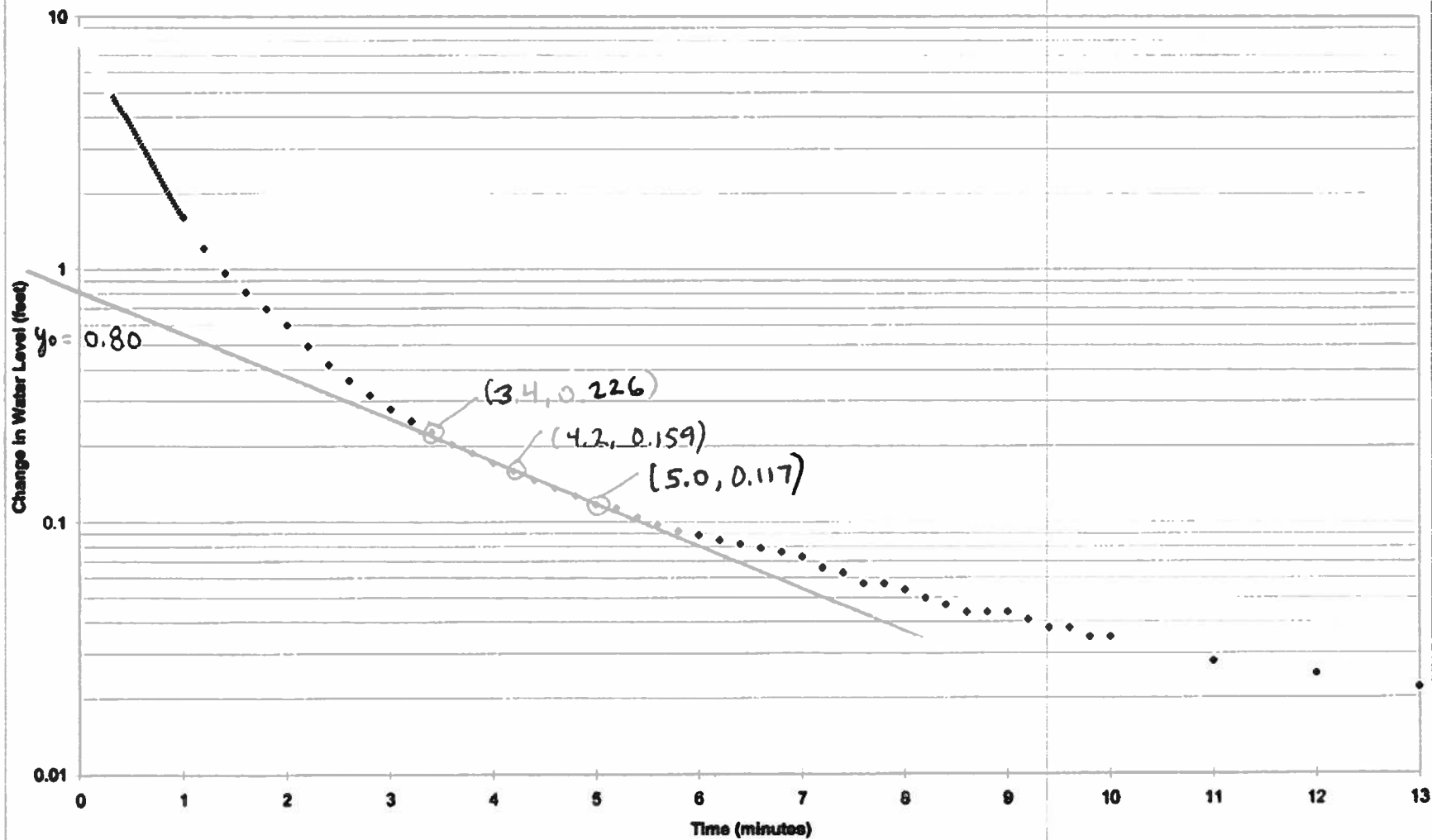
y_0 = 0.8 Maximum displacement or change in water level (ft)
 y_1 = 0.159 Change in water level at time t (minutes)
 t = 4.2 Time at y_1 (minutes)

CALCULATED VALUES

A = 3.30 Well geometry factor from Bouwer & Rice
 B = 0.59 Well geometry factor from Bouwer & Rice
 C = 2.18 Well geometry factor from Bouwer & Rice
 r_e = 0.20 Effective radius of well (ft)
 $\ln(R_e/r_w)$ = 2.42 If Partial penetrating Well
 = NA If Fully Penetrating Well
 $K1$ = 1.77E-03 Hydraulic Conductivity (feet/minute)
 = 2.6 Hydraulic Conductivity (feet/day)

Well: MW-3 (K1)

Test: Slug Out



Well: MW-3
 Site: Safety Kleen Systems, Inc.
 Client: Safety Kleen Systems, Inc.

Type of Test: Slug Out
 Method of Analysis: Bouwer & Rice (1976, 1989)

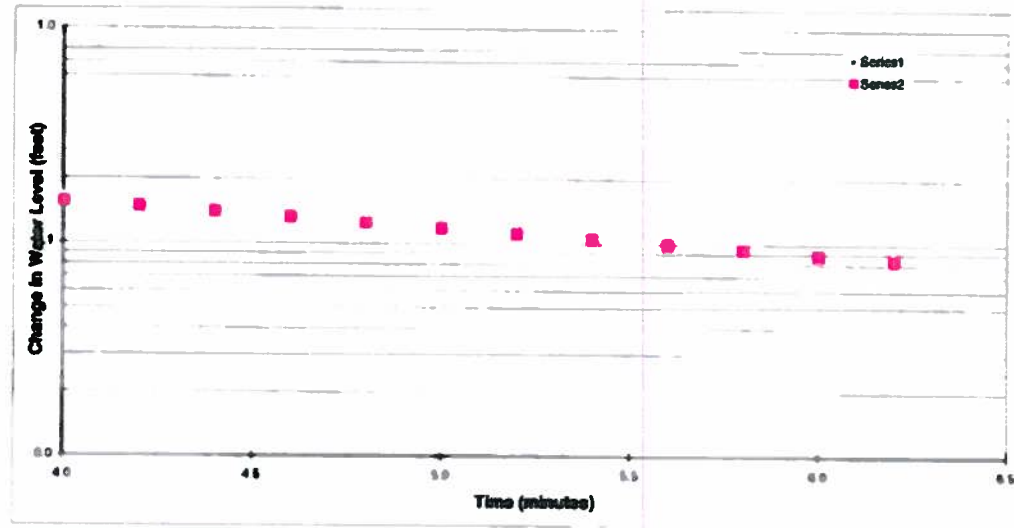
Test By: Keith Morrison
 Test Date: July 19, 2012
 Analysis By: Keith Morrison

WELL & AQUIFER INPUT DATA

r_c = 0.08 Radius of well casing (ft)
 n = 0.30 Porosity of filler pack
 r_w = 0.33 Radius of borehole (ft)
 L_w = 11.48 Height of water table above bottom of well (ft)
 H = 17.22 Height of water table above base of aquifer (or $1.5 \cdot L_w$)
 L_s = 10.00 Saturated screen length (ft)

TIME - DRAWDOWN DATA

Time (minutes)	Changes in Water Levels	
	Observed	Predicted
4.0	0.16	0.16
4.2	0.15	0.15
4.4	0.14	0.14
4.6	0.13	0.13
4.8	0.12	0.12
5.0	0.12	0.12
5.2	0.11	0.11
5.4	0.11	0.10
5.6	0.10	0.10
5.8	0.10	0.09
6.0	0.09	0.09
6.2	0.09	0.08



GRAPHICAL INPUT DATA

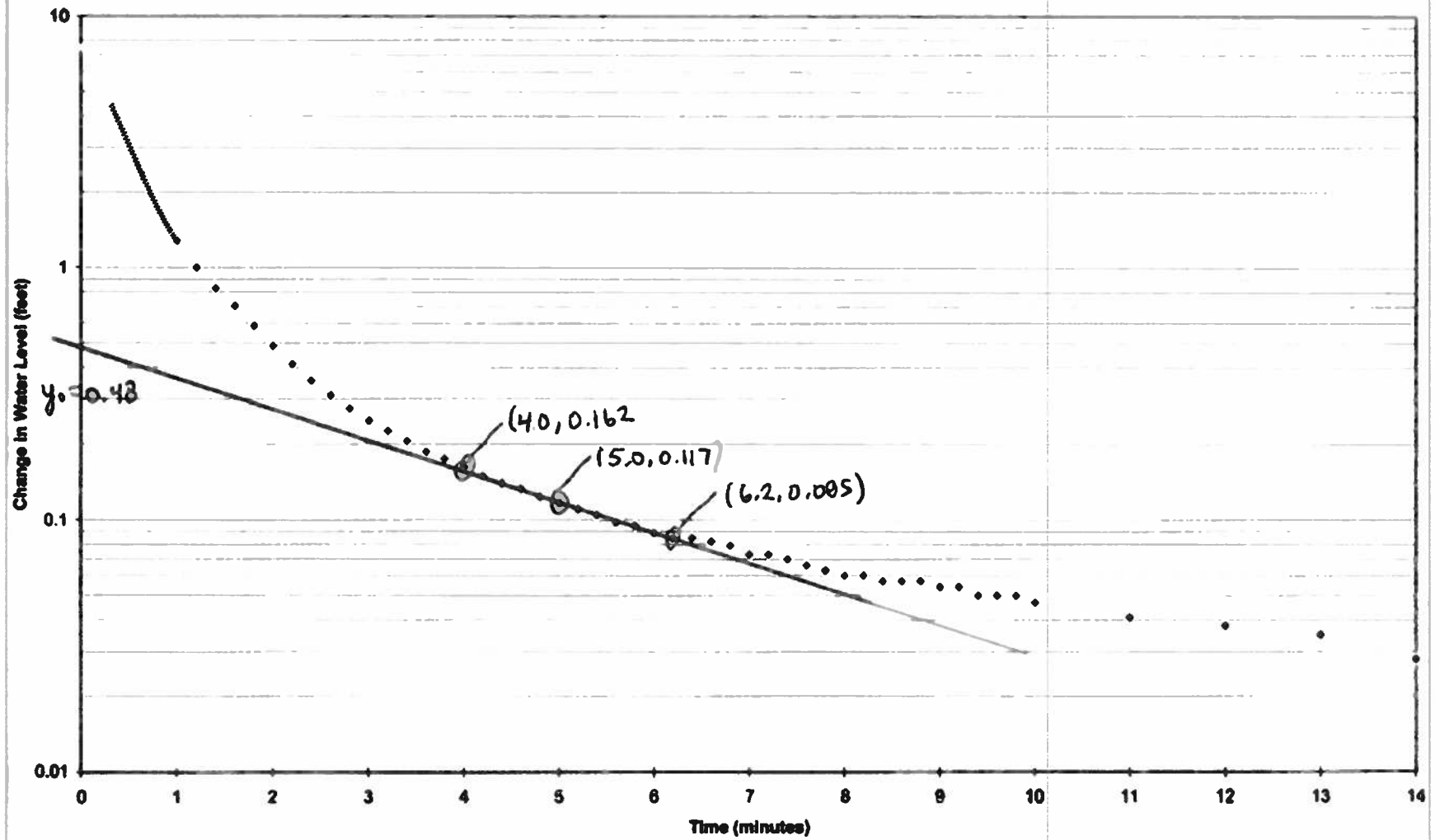
y_0 = 0.48 Maximum displacement or change in water level (ft)
 y_1 = 0.117 Change in water level at time t (minutes)
 t = 5.0 Time at y_1 (minutes)

CALCULATED VALUES

A = 3.30 Well geometry factor from Bouwer & Rice
 B = 0.59 Well geometry factor from Bouwer & Rice
 C = 2.18 Well geometry factor from Bouwer & Rice
 r_e = 0.20 Effective radius of well (ft)
 $\ln(R_w/r_w)$ = 2.42 If Partial penetrating Well
 = NA If Fully Penetrating Well

$K2$ = 1.30E-03 Hydraulic Conductivity (feet/minute)
 1.9 Hydraulic Conductivity (feet/day)

Well: MW-3 (K2)
Test: Slug Out



Well: MW-4
 Site: Safety Kleen Systems, Inc.
 Client: Safety Kleen Systems, Inc.

Type of Test: Slug Out
 Method of Analysis: Bouwer & Rice (1976, 1989)

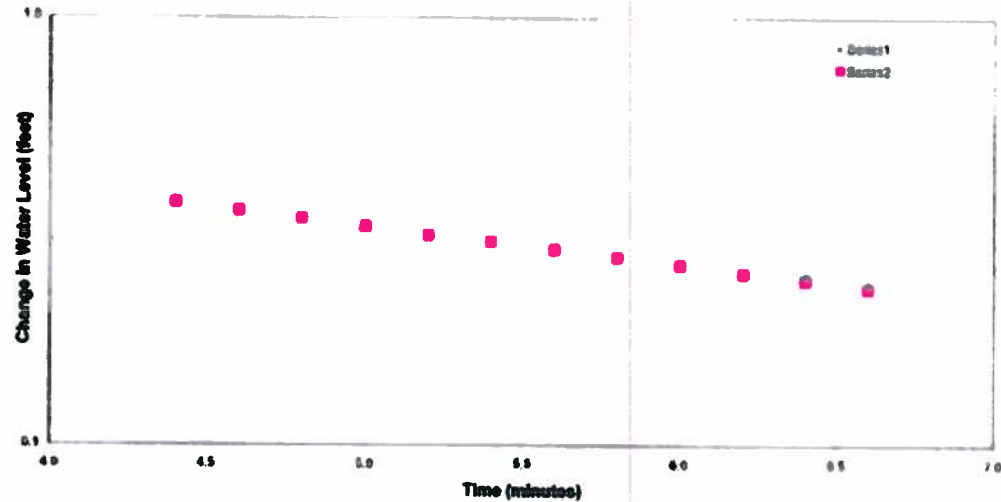
Test By: Keith Morrison
 Test Date: July 19, 2012
 Analysis By: Keith Morrison

WELL & AQUIFER INPUT DATA

r_c = 0.08 Radius of well casing (ft)
 n = 0.30 Porosity of filter pack
 r_w = 0.33 Radius of borehole (ft)
 L_w = 11.50 Height of water table above bottom of well (ft)
 H = 17.25 Height of water table above base of aquifer (or $1.5 \cdot L_w$)
 L_s = 10.00 Saturated screen length (ft)

TIME - DRAWDOWN DATA

Time (minutes)	Changes in Water Levels	
	Observed	Predicted
4.4	0.37	0.37
4.6	0.35	0.35
4.8	0.34	0.34
5.0	0.32	0.32
5.2	0.31	0.31
5.4	0.30	0.30
5.6	0.29	0.29
5.8	0.28	0.27
6.0	0.27	0.26
6.2	0.25	0.25
6.4	0.25	0.24
6.6	0.24	0.23



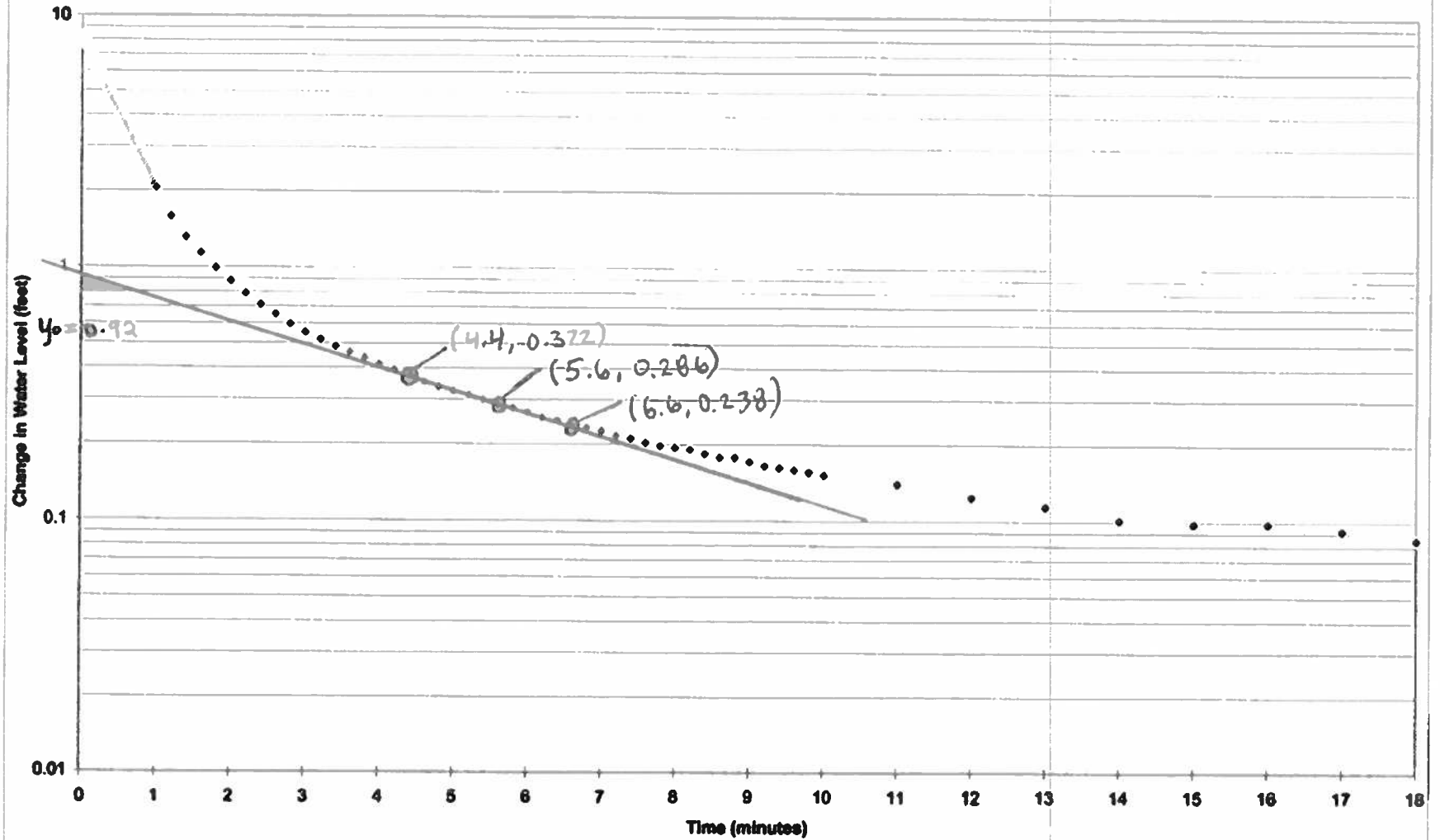
GRAPHICAL INPUT DATA

y_o = 0.92 Maximum displacement or change in water level (ft)
 y_1 = 0.286 Change in water level at time t (minutes)
 t = 5.6 Time at y_1 (minutes)

CALCULATED VALUES

A = 3.30 Well geometry factor from Bouwer & Rice
 B = 0.59 Well geometry factor from Bouwer & Rice
 C = 2.18 Well geometry factor from Bouwer & Rice
 r_o = 0.20 Effective radius of well (ft)
 $\ln(R_w/r_w)$ = 2.42 If Partial penetrating Well
 = NA If Fully Penetrating Well
 $K1$ = 9.63E-04 Hydraulic Conductivity (feet/minute)
 = 1.4 Hydraulic Conductivity (feet/day)

Well: MW-4 (K1)
Test: Slug Out



Well: MW-4
 Site: Safety Kleen Systems, Inc.
 Client: Safety Kleen Systems, Inc.

Type of Test: Slug Out
 Method of Analysis: Bouwer & Rice (1976, 1989)

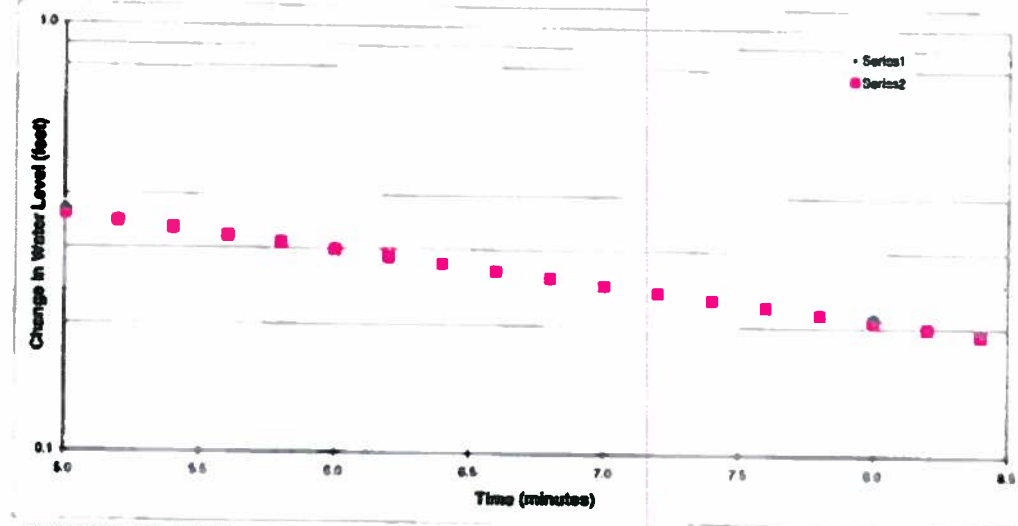
Test By: Keith Morrison
 Test Date: July 19, 2012
 Analysis By: Keith Morrison

WELL & AQUIFER INPUT DATA

r_c = 0.08 Radius of well casing (ft)
 n = 0.30 Porosity of filter pack
 r_w = 0.33 Radius of borehole (ft)
 L_w = 11.49 Height of water table above bottom of well (ft)
 H = 17.24 Height of water table above base of aquifer (or $1.5 \cdot L_w$)
 L_s = 10.00 Saturated screen length (ft)

TIME - DRAWDOWN DATA

Time (minutes)	Changes in Water Levels	
	Observed	Predicted
5.0	0.37	0.36
5.2	0.35	0.35
5.4	0.34	0.33
5.6	0.32	0.32
5.8	0.31	0.31
6.0	0.30	0.30
6.2	0.29	0.29
6.4	0.28	0.28
6.6	0.27	0.27
6.8	0.26	0.26
7.0	0.25	0.25
7.2	0.24	0.24
7.4	0.24	0.23
7.6	0.23	0.22
7.8	0.22	0.21
8.0	0.21	0.21
8.2	0.20	0.20
8.4	0.20	0.19



GRAPHICAL INPUT DATA

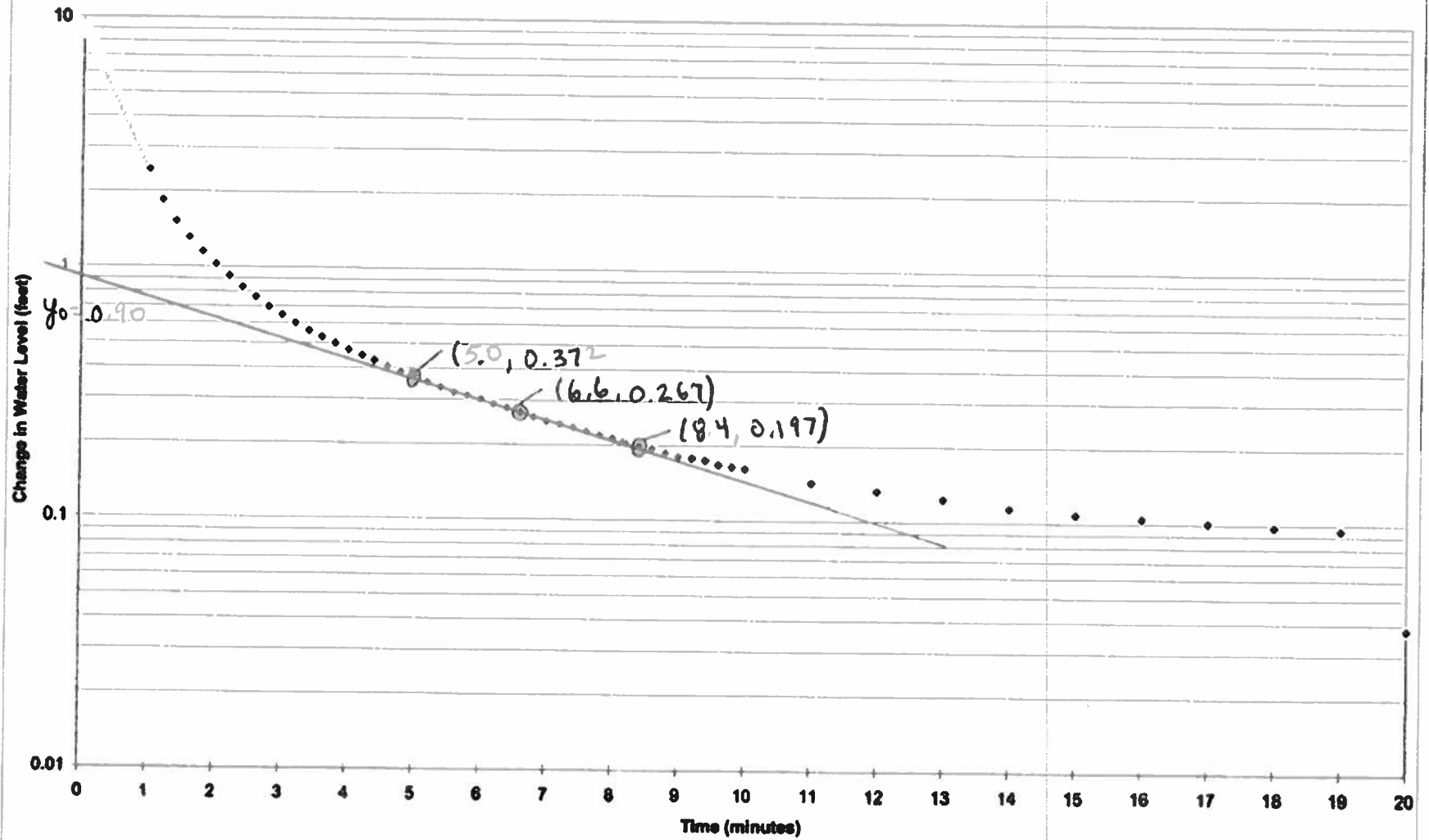
y_0 = 0.90 Maximum displacement or change in water level (ft)
 y_1 = 0.267 Change in water level at time t (minutes)
 t = 6.6 Time at y_1 (minutes)

CALCULATED VALUES

A = 3.30 Well geometry factor from Bouwer & Rice
 B = 0.59 Well geometry factor from Bouwer & Rice
 C = 2.18 Well geometry factor from Bouwer & Rice
 r_e = 0.20 Effective radius of well (ft)
 $\ln(R_p/r_w)$ = 2.42 if Partial penetrating Well
 = NA if Fully Penetrating Well

$K2$ = $8.49E-04$ Hydraulic Conductivity (feet/minute)
 1.2 Hydraulic Conductivity (feet/day)

Well: MW-4 (K2)
Test: Slug Out



Well: MW-6D
 Site: Safety Klean Systems, Inc.
 Client: Safety Klean Systems, Inc.

Type of Test: Pump Out
 Method of Analysis: Bouwer & Rice (1976, 1989)

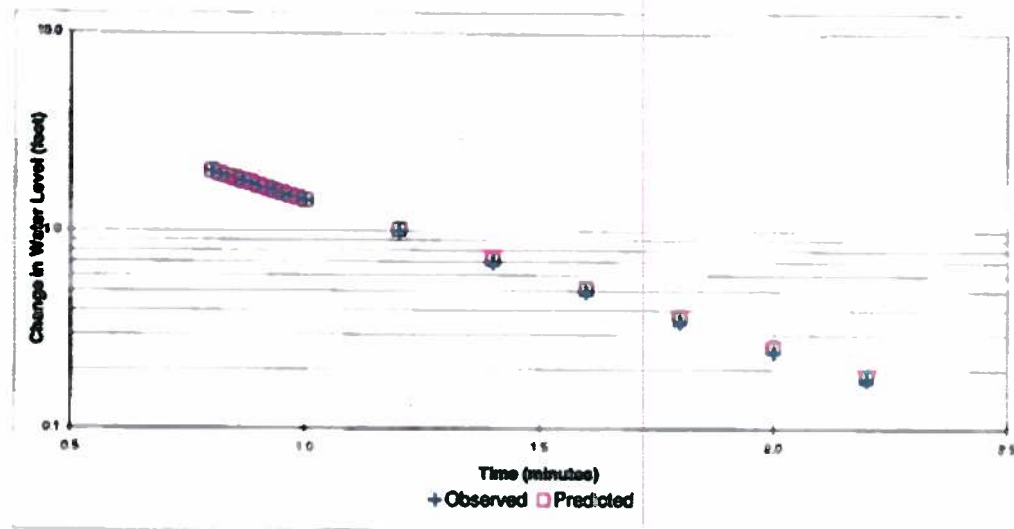
Test By: Keith Morrison
 Test Date: July 19, 2012
 Analysis By: Keith Morrison

WELL & AQUIFER INPUT DATA

r_c = 0.08 Radius of well casing (ft)
 n = 0.30 Porosity of filler pack
 r_w = 0.25 Radius of borehole (ft)
 L_w = 44.51 Height of water table above bottom of well (ft)
 H = 66.77 Height of water table above base of aquifer (or $1.5 \cdot L_w$)
 L_s = 5.00 Saturated screen length (ft)

TIME - DRAWDOWN DATA

Time (minutes)	Changes in Water Levels	
	Observed	Predicted
0.80	1.99	2.00
0.82	1.94	1.94
0.83	1.89	1.89
0.85	1.83	1.83
0.87	1.78	1.78
0.88	1.73	1.73
0.90	1.68	1.68
0.92	1.64	1.64
0.93	1.59	1.59
0.95	1.55	1.55
0.97	1.51	1.50
0.98	1.46	1.46
1.00	1.42	1.42
1.20	0.99	1.01
1.40	0.70	0.72
1.60	0.49	0.51
1.80	0.35	0.36
2.00	0.25	0.26
2.20	0.18	0.18



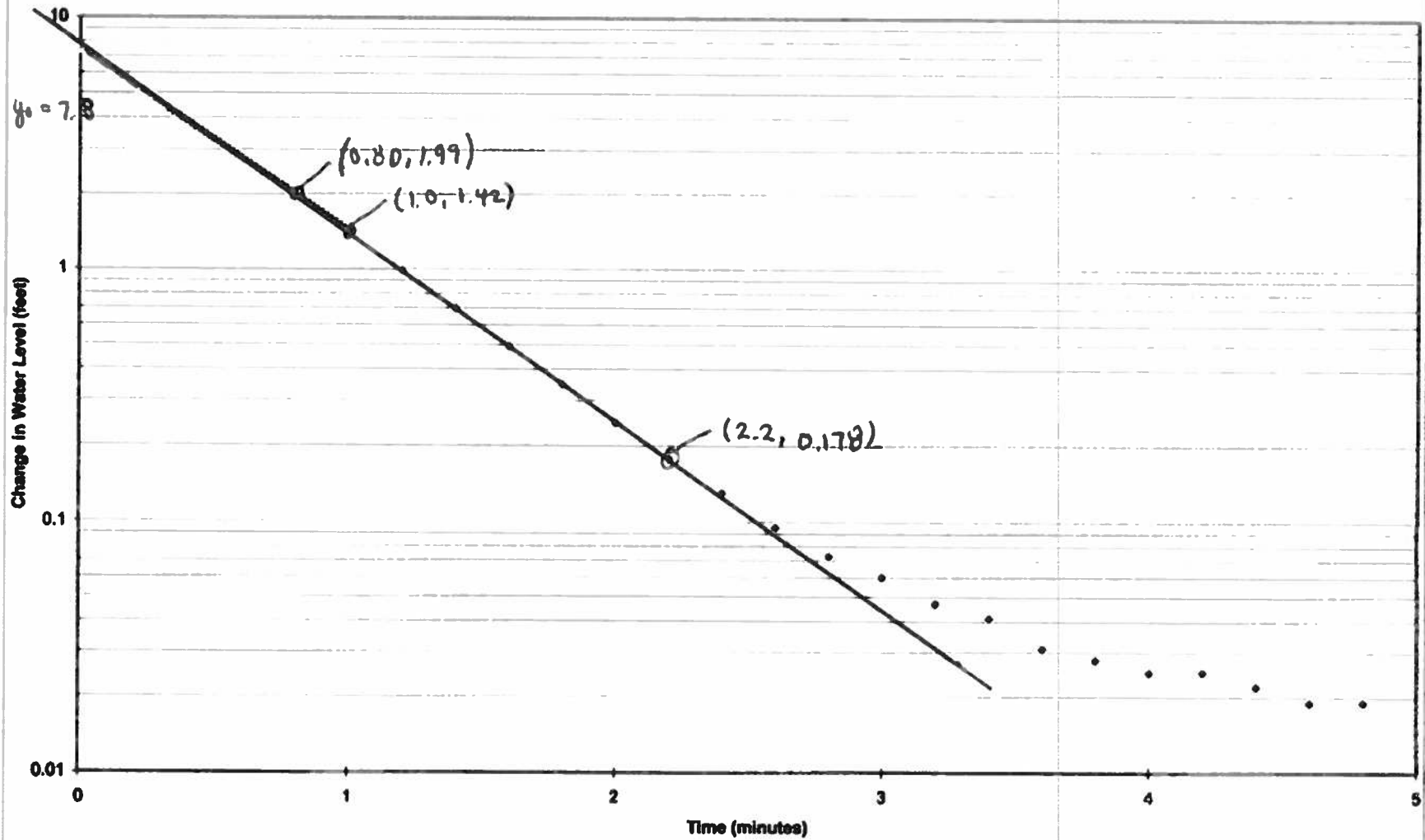
GRAPHICAL INPUT DATA

y_0 = 7.8 Maximum displacement or change in water level (ft)
 y_1 = 1.42 Change in water level at time t (minutes)
 t = 1.0 Time at y_1 (minutes)

CALCULATED VALUES

A = 2.79 Well geometry factor from Bouwer & Rice
 B = 0.46 Well geometry factor from Bouwer & Rice
 C = 1.76 Well geometry factor from Bouwer & Rice
 r_e = 0.15 Effective radius of well (ft)
 $\ln(R_e/r_w)$ = 2.72 If Partial penetrating Well
 = NA If Fully Penetrating Well
 $K1$ = $1.09E-02$ Hydraulic Conductivity (feet/minute)
 15.7 Hydraulic Conductivity (feet/day)

Well: MW-6D (K1)
Test: Slug Out



Well: MW-6D
 Site: Safety Kleen Systems, Inc.
 Client: Safety Kleen Systems, Inc.

Type of Test Pump Out
 Method of Analysis Bouwer & Rice (1976, 1980)

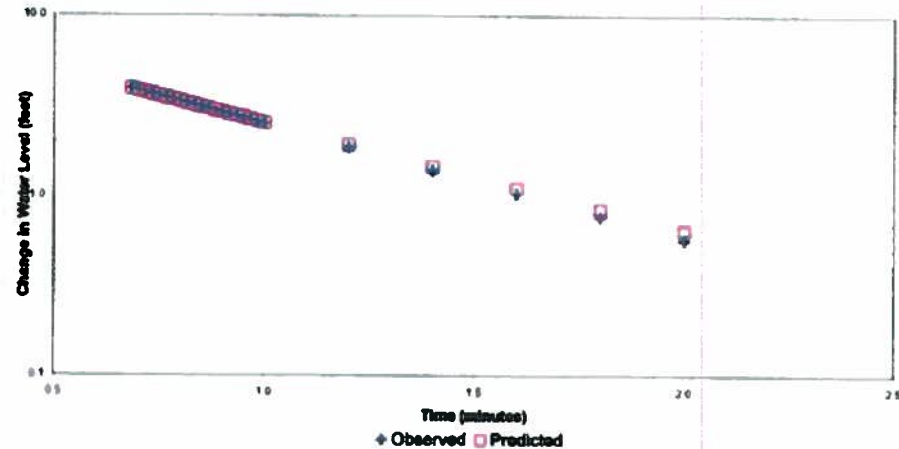
Test By: Keith Morrison
 Test Date: July 19, 2012
 Analysis By: Keith Morrison

WELL & AQUIFER INPUT DATA

r_c = 0.08 Radius of well casing (ft)
 n = 0.30 Porosity of filter pack
 r_w = 0.25 Radius of borehole (ft)
 L_w = 44.51 Height of water table above bottom of well (ft)
 H = 66.77 Height of water table above base of aquifer (or $1.5 \cdot L_w$)
 L_s = 5.00 Saturated screen length (ft)

TIME - DRAWDOWN DATA

Time (minutes)	Changes in Water Levels	
	Observed	Predicted
0.68	3.98	3.94
0.70	3.89	3.85
0.72	3.79	3.76
0.73	3.71	3.68
0.75	3.62	3.59
0.77	3.54	3.51
0.78	3.45	3.43
0.80	3.37	3.35
0.82	3.29	3.28
0.83	3.21	3.20
0.85	3.14	3.13
0.87	3.07	3.06
0.88	3.00	2.99
0.90	2.92	2.92
0.92	2.85	2.85
0.93	2.78	2.79
0.95	2.72	2.72
0.97	2.65	2.66
0.98	2.59	2.60
1.0	2.53	2.54
1.2	1.87	1.93
1.4	1.40	1.46
1.6	1.03	1.11
1.8	0.76	0.84
2.0	0.57	0.64



GRAPHICAL INPUT DATA

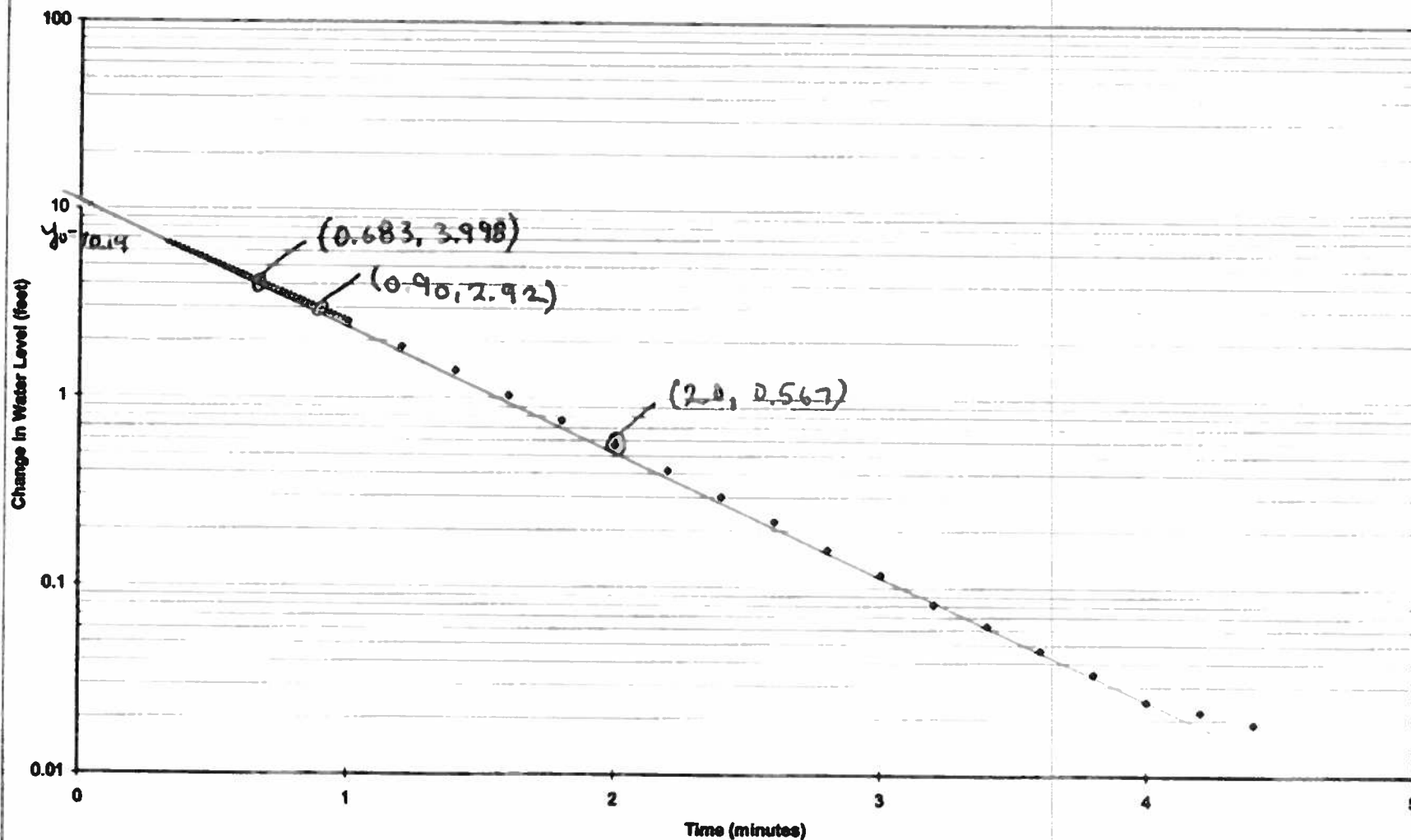
y_o = 10.14 Maximum displacement or change in water level (ft)
 y_1 = 2.92 Change in water level at time t (minutes)
 t = 0.9 Time at y_1 (minutes)

CALCULATED VALUES

A = 2.79 Well geometry factor from Bouwer & Rice
 B = 0.46 Well geometry factor from Bouwer & Rice
 C = 1.76 Well geometry factor from Bouwer & Rice
 r_e = 0.15 Effective radius of well (ft)
 $\ln(R_w/r_w)$ = 2.72 If Partial penetrating Well
 = NA If Fully Penetrating Well
 K_2 = $8.87E-03$ Hydraulic Conductivity (feet/minute)
 12.8 Hydraulic Conductivity (feet/day)

Well: MW-6D (K2)

Test: Slug Out



APPENDIX 5G

AQUIFER FRACTION ORGANIC CARBON LABORATORY ANALYTICAL REPORT

Environmental Conservation Laboratories, Inc.

10775 Central Port Drive

Orlando FL, 32824

Phone: 407.526.5314 FAX: 407.850.6945



www.encolabs.com

Tuesday, July 24, 2012

Environmental Consulting & Tech. (EN029)

Attn: Keith Morrison

1408 N. Westshore Blvd. Suite 115

Tampa, FL 33607

RE: Laboratory Results for

Project Number: 120043-0100, Project Name/Desc: SK-Tampa

ENCO Workorder(s): A203850

Dear Keith Morrison,

Enclosed is a copy of your laboratory report for test samples received by our laboratory on Tuesday, July 17, 2012.

Unless otherwise noted in an attached project narrative, all samples were received in acceptable condition and processed in accordance with the referenced methods/procedures. Results for these procedures apply only to the samples as submitted.

The analytical results contained in this report are in compliance with NELAC standards, except as noted in the project narrative. This report shall not be reproduced except in full, without the written approval of the Laboratory.

This report contains only those analyses performed by Environmental Conservation Laboratories. Unless otherwise noted, all analyses were performed at ENCO Orlando. Data from outside organizations will be reported under separate cover.

If you have any questions or require further information, please do not hesitate to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read "Ron Wambles".

Ronald Wambles

Project Manager

Enclosure(s)

SAMPLE SUMMARY/LABORATORY CHRONICLE

Client ID: 85-MW-6D-8ft b/s-071012		Lab ID: A203050-01		Sampled: 07/16/12 09:18		Received: 07/17/12 09:00	
Parameter	Hold Date/Time(s)	Prep Date/Time(s)		Analysis Date/Time(s)			
Walkley Black Method	08/15/12	07/23/12	07:06	7/23/2012 07:15			

Client ID: 58-MW-6D-10R b/s-071012		Lab ID: A203050-02		Sampled: 07/16/12 09:28		Received: 07/17/12 09:00	
Parameter	Hold Date/Time(s)	Prep Date/Time(s)		Analysis Date/Time(s)			
Walkley Black Method	08/15/12	07/23/12	07:06	7/23/2012 07:15			

Client ID: 85-MW-6D-15ft b/s-071012		Lab ID: A203050-03		Sampled: 07/16/12 09:30		Received: 07/17/12 09:00	
Parameter	Hold Date/Time(s)	Prep Date/Time(s)		Analysis Date/Time(s)			
Walkley Black Method	08/15/12	07/23/12	07:06	7/23/2012 07:15			

SAMPLE DETECTION SUMMARY

Client ID: SS-MW-6D-9R b/s-071612				Lab ID: A203080-01			
Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Total Organic Carbon	7600		660	660	mg/kg dry	Walkley Black Method	

Client ID: SS-MW-6D-10R b/s-071612				Lab ID: A203080-02			
Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Total Organic Carbon	6000		750	750	mg/kg dry	Walkley Black Method	

Client ID: SS-MW-6D-19R b/s-071612				Lab ID: A203080-03			
Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Total Organic Carbon	1500		600	600	mg/kg dry	Walkley Black Method	

ANALYTICAL RESULTS

Description: SS-MW-6D-5ft b/s-071612

Lab Sample ID: A203850-01

Received: 07/17/12 08:00

Matrix: Soil

Sampled: 07/16/12 09:15

Work Order: A203850

Project: SK-Tampa

Sampled By: Keith Morrison

% Solids: 75.42

Classical Chemistry Parameters

^ - ENCO Orlando certified analyte (NELAC E83182)

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	LOL	Batch	Method	Analyzed	By	Notes
Total Organic Carbon [ECL-0165] ^	7600		mg/kg dry	1	660	660	2G23007	Nalkey Black Methox	07/23/12 07:15	NP	

Description: SS-MW-6D-10ft b/s-071612

Matrix: Soil

Project: SK-Tampa

Lab Sample ID: A203850-02

Sampled: 07/16/12 09:25

Sampled By: Keith Morrison

Received: 07/17/12 08:00

Work Order: A203850

% Solids: 66.35

Classical Chemistry Parameters

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	POI	Batch	Method	Analyzed	By	Notes
Total Organic Carbon [ECL-0165] ^	6000		mg/kg dry	1	750	750	2G23007	Nalkey Black Methox	07/23/12 07:15	NP	

Description: SS-MW-6D-15ft b/s-071612

Matrix: Soil

Project: SK-Tampa

Lab Sample ID: A203850-03

Sampled: 07/16/12 09:30

Sampled By: Keith Morrison

Received: 07/17/12 08:00

Work Order: A203850

% Solids: 83.27

Classical Chemistry Parameters

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Result	Flag	Units	DF	MDL	LOL	Batch	Method	Analyzed	By	Notes
Total Organic Carbon [601-01-63] ^	1500		mg/kg dry	1	600	600	2G23007	Walkley Black Methox	07/23/12 07:15	NP	

QUALITY CONTROL

Classical Chemistry Parameters - Quality Control

Batch 2G23007 - NO PREP

Blank (2G23007-BLK1)

Prepared: 07/23/2012 07:06 Analyzed: 07/23/2012 07:15

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Total Organic Carbon	500	U	500	mg/kg wet							

LCS (2G23007-BL1)

Prepared: 07/23/2012 07:06 Analyzed: 07/23/2012 07:15

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Total Organic Carbon	8100		500	mg/kg wet	9990		80.6	50-150			

Matrix Spike (2G23007-MS1)

Prepared: 07/23/2012 07:06 Analyzed: 07/23/2012 07:15

Source: A203850-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Total Organic Carbon	18000		660	mg/kg dry	13100	7600	79.9	50-150			

Matrix Spike Dup (2G23007-MSD1)

Prepared: 07/23/2012 07:06 Analyzed: 07/23/2012 07:15

Source: A203850-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Total Organic Carbon	19000		660	mg/kg dry	12700	7600	86.5	50-150	2.94	25	

FLAGS/NOTES AND DEFINITIONS

PQL	PQL: Practical Quantitation Limit.
B	Results are based upon membrane filter colony counts that are outside the method indicated ideal range.
I	The reported value is between the laboratory method detection limit (MDL) and the practical quantitation limit (PQL).
J	Estimated value.
K	Off-scale low; Actual value is known to be less than the value given.
L	Off-scale high; Actual value is known to be greater than value given.
M	Presence of analyte is verified but not quantified; the actual value is less than the MRL but greater than the MDL.
N	Presumptive evidence of presence of material.
O	Sampled, but analysis lost or not performed.
Q	Sample exceeded the accepted holding time.
T	Value reported is less than the laboratory method detection limit. The value is reported for informational purposes only and shall not be used in statistical analysis.
U	Indicates that the compound was analyzed for but not detected.
V	Indicates that the analyte was detected in both the sample and the associated method blank.
Y	The laboratory analysis was from an improperly preserved sample. The data may not be accurate.
Z	Too many colonies were present (TNTC); the numeric value represents the filtration volume.
?	Data are rejected and should not be used. Some or all of the quality control data for the analyte were outside criteria, and the presence or absence of the analyte cannot be determined from the data.
*	Not reported due to interference.

APPENDIX 6A

IRON RELATED LABORATORY REPORTS AND PHOTOGRAPHS



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: AUK0547

March 07, 2012

Project: Tampa, FL

Project #:110859-0100

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:

A handwritten signature in cursive script that reads "Elizabeth Bryant". The signature is written in black ink and is positioned above a horizontal line.

Project Manager

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



ANALYTICAL SERVICES, INC.

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

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

Attention: Mr. Bob Schoepke

March 07, 2012

ANALYTICAL REPORT FOR SAMPLES

<u>Sample ID</u>	<u>Laboratory ID</u>	<u>Matrix</u>	<u>Date Sampled</u>	<u>Date Received</u>
Septic Tank	AUK0547-01	Waste Water	11/16/11 09:20	11/17/11 09:45



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

March 07, 2012

Case Narrative

Revised report 03/07/12:
Per client request, report Fe and Mn on Septic Tank (AUK0547-01) sample only.



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

March 07, 2012

Report No.: AUK0547

Project: Tampa, FL

Client ID: Septic Tank

Lab Number ID: AUK0547-01

Date/Time Sampled: 11/16/2011 9:20:00AM

Date/Time Received: 11/17/2011 9:45:00AM

Matrix: Waste Water

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Metals, Total											
Iron	0.554	0.040	0.001	mg/L	EPA 6010C		1	11/29/11 09:25	11/29/11 16:55	1110695	FBS
Manganese	0.033	0.040	0.001	mg/L	EPA 6010C	J	1	11/29/11 09:25	11/29/11 16:55	1110695	FBS



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March 07, 2012

Report No.: AUK0547

Metals, Total - Quality Control

Analyte	Result	RL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1110695 - EPA 3010A											
Blank (1110695-BLK1)						Prepared & Analyzed: 11/29/11					
Iron	ND	0.040	0.005	mg/L							
Manganese	ND	0.040	0.001	mg/L							
LCS (1110695-BS1)						Prepared & Analyzed: 11/29/11					
Iron	1.03	0.040	0.005	mg/L	1.0000		103	80-120			
Manganese	1.01	0.040	0.001	mg/L	1.0000		101	80-120			
Matrix Spike (1110695-MS1)						Source: AUK0550-01		Prepared & Analyzed: 11/29/11			
Iron	1.12	0.040	0.005	mg/L	1.0000	0.095	103	75-125			
Manganese	1.22	0.040	0.001	mg/L	1.0000	0.214	101	75-125			
Matrix Spike Dup (1110695-MSD1)						Source: AUK0550-01		Prepared & Analyzed: 11/29/11			
Iron	1.13	0.040	0.005	mg/L	1.0000	0.095	104	75-125	0.9	20	
Manganese	1.22	0.040	0.001	mg/L	1.0000	0.214	101	75-125	0.08	20	
Post Spike (1110695-PS1)						Source: AUK0550-01		Prepared & Analyzed: 11/29/11			
Iron	1.13			mg/L	1.0000	0.095	103	80-120			
Manganese	1.20			mg/L	1.0000	0.214	99	80-120			



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Attention: Mr. Bob Schoepke

March 07, 2012

Laboratory Certifications

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



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Attention: Mr. Bob Schoepke

March 07, 2012

Legend

Definition of Laboratory Terms

- ND** - Not Detected at levels equal to or greater than the MDL
BRL - Not Detected at levels equal to or greater than the RL
RL - Reporting Limit **MDL** - Method Detection Limit
SOP - Method run per ASI Standard Operating Procedure
CFU - Colony Forming Units
DF - Dilution Factor **TIC** - Tentatively Identified Compound
* - Analyte not included in the NELAC list of certified analytes.

Sample Information

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

Phthalic acid and phthalic anhydride are reported as dimethyl phthalate

Maleic acid and maleic anhydride are reported as dimethyl malate

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

Definition of Qualifiers

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

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

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March 07, 2012

198536

CHAIN OF CUSTODY RECORD

ANALYTICAL SERVICES, INC.
 GENERAL - SPECIAL INVESTIGATIONS & LABORATORY ANALYSIS
 110 TECHNOLOGY PARKWAY, SUITE 200, GAITHERSBURG, MD 20878
 (703) 254-0200 • FAX (703) 254-0201 • www.asi-usa.com

PAGE 1 OF 1

DATE: 08/11/05		CASE NO: 10055-0100		ANALYST: J. J. J.		CLIENT: S. K. K.		PROJECT: S. K. K.	
DATE	TIME	WORK	CONC	DATE	TIME	WORK	CONC	DATE	TIME
08/11/05	9:20	W		08/11/05	9:20	W		08/11/05	9:20
08/11/05	11:30	W		08/11/05	11:30	W		08/11/05	11:30
08/11/05	1:00	W		08/11/05	1:00	W		08/11/05	1:00
08/11/05	2:30	W		08/11/05	2:30	W		08/11/05	2:30
08/11/05	4:00	W		08/11/05	4:00	W		08/11/05	4:00
08/11/05	5:30	W		08/11/05	5:30	W		08/11/05	5:30
08/11/05	7:00	W		08/11/05	7:00	W		08/11/05	7:00
08/11/05	8:30	W		08/11/05	8:30	W		08/11/05	8:30
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08/11/05	1:00	W		08/11/05	1:00	W		08/11/05	1:00
08/11/05	2:30	W		08/11/05	2:30	W		08/11/05	2:30
08/11/05	4:00	W		08/11/05	4:00	W		08/11/05	4:00
08/11/05	5:30	W		08/11/05	5:30	W		08/11/05	5:30
08/11/05	7:00	W		08/11/05	7:00	W		08/11/05	7:00
08/11/05	8:30	W		08/11/05	8:30	W		08/11/05	8:30
08/11/05	10:00	W		08/11/05	10:00	W		08/11/05	10:00
08/11/05	11:30	W		08/11/05	11:30	W		08/11/05	11:30
08/11/05	1:00	W		08/11/05	1:00	W		08/11/05	1:00
08/11/05	2:30	W		08/11/05	2:30	W		08/11/05	2:30
08/11/05	4:00	W		08/11/05	4:00	W		08/11/05	4:00
08/11/05	5:30	W		08/11/05	5:30	W		08/11/05	5:30
08/11/05	7:00	W		08/11/05	7:00	W		08/11/05	7:00
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08/11/05	11:30	W		08/11/05	11:30	W		08/11/05	11:30
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08/11/05	2:30	W		08/11/05	2:30	W		08/11/05	2:30
08/11/05	4:00	W		08/11/05	4:00	W		08/11/05	4:00
08/11/05	5:30	W		08/11/05	5:30	W		08/11/05	5:30
08/11/05	7:00	W		08/11/05	7:00	W		08/11/05	7:00
08/11/05	8:30	W		08/11/05	8:30	W		08/11/05	8:30
08/11/05	10:00	W		08/11/05	10:00	W		08/11/05	10:00
08/11/05	11:30	W		08/11/05	11:30	W		08/11/05	11:30
08/11/05	1:00	W		08/11/05	1:0				



ANALYTICAL SERVICES, INC.

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

LOG-IN CHECKLIST

Printed: 3/7/2012 11:43:08AM

Attn: Mr. Bob Schoepke

Client: Safety-Kleen Corporation - Elgin
Project: Tampa, FL
Date Received: 11/17/11 09:45

Work Order: AUK0547
Logged In By: Charles Hawks

OBSERVATIONS

#Samples: 3 #Containers: 15
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:



Rocks (possible hard pan) encountered in soil boring for MW-4 at five feet below land surface.



Monitoring well pad MW-2 right after septic tank water breached land surface bringing up monitoring well filter pack to land surface.



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Laboratory Report

Prepared For:

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

Attention: Mr. Bob Schoepke

Report Number: AVC0625

March 29, 2012

Project: Tampa, FL

Project #:120043-0100

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.



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Elgin IL, 60120

Attention: Mr. Bob Schoepke

March 29, 2012

ANALYTICAL REPORT FOR SAMPLES

<u>Sample ID</u>	<u>Laboratory ID</u>	<u>Matrix</u>	<u>Date Sampled</u>	<u>Date Received</u>
Washed Rocks from Soil from WM-4 5ft bl AVC0625-01		Solid	03/19/12 11:50	03/20/12 10:15



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Elgin IL, 60120

Attention: Mr. Bob Schoepke

March 29, 2012

Report No.: AVC0625

Project: Tampa, FL

Client ID: Washed Rocks from Soil from WM-4 5ft bis

Lab Number ID: AVC0625-01

Date/Time Sampled: 3/19/2012 11:50:00AM

Date/Time Received: 3/20/2012 10:15:00AM

Matrix: Solid

Analyte	Result	RL	MDL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Metals, Total											
Iron	3390	3.92	0.07	mg/kg wet	EPA 6010C		1	03/22/12 12:30	03/23/12 12:12	2030658	FBS
Manganese	114	3.92	0.09	mg/kg wet	EPA 6010C		1	03/22/12 12:30	03/23/12 12:12	2030658	FBS



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Elgin IL, 60120

Attention: Mr. Bob Schoepke

March 29, 2012

Report No.: AVC0625

Metals, Total - Quality Control

Analyte	Result	RL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2030658 - EPA 3050B											
Blank (2030658-BLK1)						Prepared: 03/22/12 Analyzed: 03/23/12					
Iron	ND	4.00	0.07	mg/kg wet							
Manganese	ND	4.00	0.10	mg/kg wet							
LCS (2030658-BB1)						Prepared: 03/22/12 Analyzed: 03/23/12					
Iron	116	4.00	0.07	mg/kg wet	100.00		116	80-120			
Manganese	100	4.00	0.10	mg/kg wet	100.00		100	80-120			
Matrix Spike (2030658-MS1)						Source: AVC0712-01		Prepared: 03/22/12 Analyzed: 03/23/12			
Iron	25300	4.74	0.09	mg/kg dry	118.52	34100	NR	75-125			QM-02
Manganese	453	4.74	0.11	mg/kg dry	118.52	376	65	75-125			QM-05
Matrix Spike Dup (2030658-MSD1)						Source: AVC0712-01		Prepared: 03/22/12 Analyzed: 03/23/12			
Iron	26900	4.74	0.09	mg/kg dry	118.52	34100	NR	75-125	6	20	QM-02
Manganese	660	4.74	0.11	mg/kg dry	118.52	376	240	75-125	37	20	QM-05, QR-03
Post Spike (2030658-PS1)						Source: AVC0712-01		Prepared: 03/22/12 Analyzed: 03/23/12			
Iron	181			mg/L	1.0000	288	NR	80-120			QM-02
Manganese	3.32			mg/L	1.0000	3.18	15	80-120			QM-05



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March 29, 2012

Laboratory Certifications

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



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Attention: Mr. Bob Schoepke

March 29, 2012

Legend

Definition of Laboratory Terms

- ND** - Not Detected at levels equal to or greater than the MDL
BRL - Not Detected at levels equal to or greater than the RL
RL - Reporting Limit **MDL** - Method Detection Limit
SOP - Method run per ASI Standard Operating Procedure
CFU - Colony Forming Units
DF - Dilution Factor **TIC** - Tentatively Identified Compound
* - Analyte not included in the NELAC list of certified analytes.

Sample Information

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

Phthalic acid and phthalic anhydride are reported as dimethyl phthalate

Maleic acid and maleic anhydride are reported as dimethyl malate

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

Definition of Qualifiers

- 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.
- QM-02** The spike recovery is outside acceptance limits due to insignificant spike amount as compared to sample concentration.

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



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LOG-IN CHECKLIST

Printed: 3/29/2012 12:20:23PM

Attn: Mr. Bob Schoepke

Client: Safety-Kleen Corporation - Elgin
Project: Tampa, FL
Date Received: 03/20/12 10:15

Work Order: AVC0625
Logged In By: Charles Hawks

OBSERVATIONS

#Samples: 1

#Containers: 1

Minimum Temp(C): 18.0

Maximum Temp(C): 18.0

Custody Seal(s) Used: No

CHECKLIST ITEMS

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

Comments:

The sample was analyzed on an as received basis. CFH