Tidewater Gardens Site
450 Walke Street
Norfolk, Virginia

Limited Phase II Environmental Site Assessment

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1 INTRODUCTION

SCS Engineers (SCS) has completed a limited Phase II Environmental Site Assessment (ESA) for the Tidewater Gardens Site addressed as 450 Walke Street and bounded by the U.S. Postal Service (USPS) facility and Tidewater Elementary School (north), Tidewater Drive (east), I-264 (south) and Fenchurch Street (west) in Norfolk, Virginia (Site Location Map; **Figure 1** in **Appendix A**). The property parcels that make up the Subject Site are described in the Norfolk Tax Records as Parcel IDs 1437245994 and 1437254453 (450 Walke Street).

The parcels (totaling approximately 40 acres) are currently developed with the Tidewater Gardens multi-family residential apartments. The property includes 82 separate structures, and a portion of the YMCA – William A. Hunton facility (the auditorium). Additionally, the property includes cross streets, parking areas, landscaped areas/open green space, and a stormwater retention area and pump station. A Site Vicinity Map is provided as **Figure 2** in **Appendix A**.

A Phase I ESA of the Subject Site was completed by SCS in December 2019; a summary is provided as **Section 1.1.1** of this report. As three Recognized Environmental Conditions (RECs) were identified, SCS recommended that a limited Phase II ESA be conducted.

The field work for the limited Phase II ESA was performed by SCS in March 2020. The assessment included advancing eleven direct-push borings to collect both soil and groundwater samples.

1.1 PROPERTY HISTORY & BACKGROUND

1.1.1 Phase I ESA Summary

The following is a summary of the December 2019 Phase I ESA findings.

According to historical record sources, the Subject Site is comprised of several city blocks, which consist of residential structures (single family, duplex, and apartments) and numerous roadways from 1887 to present. Significant changes in site usage occurred in 1889, when two commercial entities: GS Briggs & Co. Coal and Wood Yard, and JR Binns Wood Yard occupied the northeastern portion of the Subject Site. Two coal piles are illustrated (on historic Sanborn Fire Insurance maps) on-site, the use of which is unknown (i.e., raw material stored or burned). It is also unknown how long these businesses operated on-site, but by 1910, the entities are no longer illustrated. During the 1950s, the Subject Site was redeveloped as the Tidewater Gardens, a garden-style apartment complex containing 82 buildings; including 78 residential housing buildings, a separate office and maintenance facility, a pump house, and a portion of the YMCA.

Recognized Environmental Conditions (RECs)

- Historical information sources indicate multiple UST use on the Subject Site from at least 1990 to the present. According to previous environmental records, during the removal of USTs, evidence of a leak (free product observed) was noted and the Virginia Department of Environmental Quality (VDEQ) assigned pollution complaint (PC) case 1991-0528 to the reported release. Initial abatement measures occurred, which lead to the VDEQ issuing a no further action (NFA) letter in August 1994 (i.e., case closed). However, residual contamination above the VDEQ's level of concern of 100 mg/kg was allowed to remain in

place. Based on subsurface contamination on-site above the VDEQ's level of concern, this historic release on-site is considered a REC.

- Two 10,000-gallon USTs are currently in use at the Subject Site, located at the maintenance facility. These tanks are double-walled and made of fiberglass-reinforced plastic, with an automatic gauging system. Although there is no indication (at the time of the Phase I ESA) of current environmental issues (leaks, spills, etc.), recent inspection reports were unavailable for review. Based on the lack of current subsurface data, threat of a future release, and age (over 20 years) of the tanks, the use of these USTs on-site is considered a REC.

- The identification and proximity of three off-site and up-gradient establishments (the USPS, Tidewater Elementary School, and the former Runnymede Corporation) are considered environmental concerns. These facilities were listed on the LUST database for releases to the environment. Based on documentation obtained from the VDEQ, contaminates were left in place and/or residual contamination was identified after initial abatement measures at these facilities. To evaluate whether the off-site establishments have adversely impacted the Subject Site, additional environmental investigation would be needed.

Historical Recognized Environmental Conditions (HRECs)

- Historical RECs were not identified during completion of the December 2019 Phase I ESA.

Controlled Recognized Environmental Conditions (CRECs)

- Controlled RECs were not identified during completion of the December 2019 Phase I ESA.

Vapor Encroachment Condition:

- Based on the information obtained for the Phase I ESA, the potential for impacts from off-site sources is considered to be moderate, and off-site sources (USPS, Tidewater Elementary, and the former Runnymede Corporation) represent a potential VEC to the Subject Site.

1.2 INVESTIGATION OBJECTIVES

Due to the past uses of potential environmental concern on the Subject Site and adjoining properties, SCS recommended that a limited subsurface assessment be conducted to evaluate the potential for soil and groundwater to have been impacted by currently regulated substances. Our recommendations included advancement of eleven direct-push borings to an approximate depth of 10 to 12 feet below ground surface (bgs).

This limited Phase II ESA was conducted in general conformance with the methods described in the Field Sampling Plan (FSP) for Limited Phase II Environmental Site Assessment for Petroleum Sites by SCS Engineers dated February 19, 2020. The use of the methods described in the FSP provides a framework for employing good commercial and customary practices in conducting Phase II ESAs.

Regulatory screening and reporting levels were used when comparing the Subject Site's detected soil and groundwater constituent concentrations. Screening and reporting levels serve as indicators of potential problems that generally require further investigation. The Virginia Voluntary Remediation Program (VRP) Tier II Screening Levels - Residential Table 2.0 dated June 2019, the EPA Region III

Screening Levels (RSLs) Summary Table - Residential Soil November 2019, as well as the VDEQ Storage Tank Program reporting levels were used to evaluate the detected constituent concentrations.

1.3 LIMITATIONS

It should be understood our findings and conclusions presented will not be scientific certainties, but rather opinions based on our professional judgment concerning the significance of the data reviewed or obtained during the course of the study. SCS does not and cannot represent that the Subject Site contains no hazardous or toxic materials, products, or other latent conditions beyond that observed by SCS during limited Phase II ESA activities. Further, the services herein shall in no way be construed, designed, or intended to be relied upon as legal interpretation or advice.

This report has been prepared solely for the City of Norfolk (City) for its use and reliance in understanding the soil and groundwater conditions at the Subject Site. Reliance on this report by any other party may involve assumptions whose extent and nature lead to a distorted meaning and impact of the findings and opinions related herein. With the consent of the City and SCS, we may be available to discuss findings and opinions related specifically to other parties' unique risk management concerns related to the Subject Site.

2 PHYSICAL SETTING INFORMATION

2.1 TOPOGRAPHY AND SURFACE WATER CHARACTERISTICS

A topographic map for the Subject Site's vicinity was reviewed and is summarized in the following table:

Reported Elevation	Approximately 8 feet above mean sea level.
Reported Slope Direction	The topography of the Subject Property slopes generally south towards lower elevations. Overall, regional shallow groundwater flow is to the south towards the Eastern Branch of the Elizabeth River.
Source	United States Geological Survey 7.5 Minute Topographic Maps, Norfolk South, Virginia, 2013.

2.2 REGIONAL GEOLOGY

The Subject Site is located in the Atlantic Coastal Plain physiographic province, which consists of an eastward-thickening wedge of stratified, unconsolidated to semi-consolidated alluvial and marine deposits. The sediments consist primarily of sand, clay, silt, and gravel with various amounts of shell material that range in age from Cretaceous to Holocene. Underlying the Coastal Plain sediments is a basement rock surface composed of igneous and metamorphic rocks that range in age from Precambrian to Paleozoic. The consolidated rock basement surface forms the basal limit of the Coastal Plain hydrogeologic system, greater than 2,000 feet below the ground surface. Near-surface soil conditions at the Subject Site may have been altered by construction and other activities associated with present day development.

According to the Environmental Data Resources' (EDR's) Report Geocheck Physical Setting Source (in the December 2019 Phase I ESA), the lithology in the vicinity of the Subject Site is described as being from the Cenozoic Era, the Quarternary System, and the Pleistocene Series. The Subject Site is reported to be underlain by Urban Land soils.

2.3 REGIONAL GROUNDWATER CONDITIONS

According to topographic map interpretation, the direction of flow of shallow groundwater in the vicinity of the Subject Site is inferred to be to the south toward lower elevations. The average regional groundwater flow direction is assumed to be to the south/southwest towards the Eastern Branch of the Elizabeth River.

3 FIELD ACTIVITIES

3.1 BORING ADVANCEMENT AND SOIL SAMPLING

Drilling activities were performed on March 2 and 3, 2020, using direct-push services provided by Fishburne Drilling of Chesapeake, Virginia. Soil borings (B-1 through B-11; **Figure 3** in **Appendix A**) were advanced to total depths of approximately 8 to 16 feet bgs using a Geoprobe Systems 5410 direct-push rig. The following borings were advanced at the areas of concern:

- three borings (B-6, 7 and 8) at the site boundary with the USPS and Tidewater Park Elementary School;
- two borings (B-4 and 5) at the site boundary with the former Runnymede Corporation;
- three borings (B-1, 2 and 3) at the YMCA and maintenance building (also former coal pile area);
- two borings (B-9 and 10) along Fenchurch Street; and,
- one boring (B-11) at the south end of the property near Miller Oil.

Stainless steel rods with two-inch diameter core barrels equipped with disposable acetate liners were hydraulically driven into the subsurface to obtain continuous soil samples from the ground surface to termination of probing at each boring location. Once retrieved, soil was logged by the field engineer in accordance with the Unified Soil Classification System (soil boring logs are included in **Appendix B**.)

Photo ionization detector (PID) field screening of the soil cores was conducted during sample collection using a MiniRAE 3000 volatile organic compound (VOC) monitor equipped with an 11.6 eV lamp. VOC readings above background levels were recorded during the field work and a summary of the highest readings are provided below (**Table 1**).

Table 1. PID Readings Summary

Boring No.	Depth Interval (Feet)	Highest Detected Concentration	Units
B-1	0-8	0	ppm
B-2	1-3	0.5	ppm
B-3	3-4	156	ppm
B-4	3-4	0.9	ppm
B-5	2-2.4	0.6	ppm
B-6	3-4	1	ppm
B-7	3.5-4	1.2	ppm
B-8	5-5.5	0.8	ppm
B-9	0.6-1	0.6	ppm
B-10	2.5-4	0.9	ppm
B-11	4-6	0.7	ppm

Notes:
ppm – parts per million

Note that free product was visually identified at B-3 within the soil core and a sheen was noted on the surface of the purge water during sampling of temporary groundwater monitoring well TMW-3.

Representative soil samples were collected from each of the eleven borings. The soil sample from B-3 did not include material that appeared to contain free product. Soil samples were transferred into clean, unused containers provided by the analytical laboratory. Samples were immediately placed on ice and stored at approximately 4° Celsius (C) until analysis. Nitrile gloves used during sampling were disposed of following sample collection.

The soil samples and coolers were transported to Eurofins (TestAmerica) Laboratories for chemical analysis. The samples were subsequently analyzed for TPH Gasoline-and Diesel Range Organics (Method 8015C), SVOCs (Method 8270) and VOCs (Method 8260B). The samples were analyzed and handled according to the laboratory's QA/QC Plan. Equipment and field blanks were not needed because no field decontamination of equipment was performed. Laboratory results for soil samples are presented in **Table 2.** The Eurofins analytical laboratory report and chain of custody (COC) documentation are provided in **Appendix C**.

3.2 GROUNDWATER SAMPLING

One-inch diameter Schedule 40 PVC (new with threaded flush joints) temporary groundwater monitoring wells (TMW-1 through TMW-11) were installed immediately following borehole advancement to collect groundwater samples from the upper portion of the saturated zone (shallow sample). The screened sections of the wells were placed from the bottom of the borings (8 to 16 feet bgs) to approximately 2 feet bgs (across the top of the water table) with solid PVC pipe to the ground surface. Filter sand was then placed from the bottom of the borings to approximately 6 inches above the top of the screened sections, followed by bentonite pellets (hydrated) to the ground surface. The shallow groundwater samples were subsequently collected from the wells using a peristaltic pump with dedicated tubing on March 4 and 5, 2020. The peristaltic pump tubing inlet was placed at approximately one foot from the bottom of the screened section of the wells. The relative elevations of the tops of the well casings were surveyed, and the water levels in each well were measured prior to sampling. Upon collection of groundwater samples, the temporary wells were abandoned.

Field QA/QC sampling included collection of a duplicate groundwater sample (from TMW-11). Equipment and field blanks were not needed because no field decontamination of equipment was performed. Groundwater sampling logs are included in **Appendix D**.

Upon collection, groundwater and QA/QC samples were immediately placed on ice and stored at approximately 4°C. Nitrile gloves used during sampling were disposed of following sample collection. The samples and coolers were transported to Eurofins (TestAmerica) Laboratories for chemical analysis.

Analyses included SVOCs (Method 8270D), VOCs (Method 8260B) and TPH Gasoline-and Diesel Range Organics (Method 8015B and C). The samples were analyzed and handled according to the laboratory's QA/QC Plan. Laboratory results for groundwater samples are presented in **Table 3.** The Eurofins analytical laboratory report and COC documentation are provided in **Appendix C**.

4 FINDINGS

4.1 GEOLOGY & HYDROGEOLOGY

In general, the Subject Site's geology consists of Cretaceous to Holocene age sediments that include sand, clay, silt, and gravel with various amounts of shell material. Unconsolidated subsurface materials encountered during this investigation consisted primarily of a silty sand layer underlain by a clay layer. The clay is generally gray with orange streaking and is of high plasticity. Below the clay layer is a gray-brown-tan colored silty sand, which is generally well-graded. Groundwater was generally encountered in the borings at depths ranging from 2 to 8.5 feet bgs. Soil boring logs are included in **Appendix B**.

4.2 SOIL ANALYTICAL RESULTS

Risk-based screening levels are concentrations derived from standardized equations combining exposure information assumptions with EPA toxicity data. Screening levels are considered by the Agency to be protective for humans over a lifetime; however, are generic and not always applicable to a particular site (i.e., they are calculated without site-specific information). These levels may be recalculated using site-specific data.

VOCs: VOCs including acetone, n-butylbenzene and sec-butylbenzene were detected in the soil sample collected from B-3; however, at concentrations below the screening levels. Naphthalene (as a VOC) was detected above the EPA Risk-Based RSLs at B-3.

Petroleum Hydrocarbons (TPH): As shown on **Table 2**, each of the soil samples, with the exception of B-4 exhibited detections of TPH. TPH Diesel Range Organics (DRO) exceeded the VDEQ reporting level of 100 mg/kg at B-1 and B-3 at concentrations of 350 mg/kg and 360 mg/kg, respectively. Note that TPH DRO was also detected in the method blank; however, at a lower concentration than in the soil samples.

SVOCs and PAHs: PAHs were detected in soil samples collected from B-1, B-2, B-3, B-5 and B-8. Specifically, benzo(b)fluoranthene was detected above EPA's Risk-Based RSL in these five soil samples. In addition, benzo(a)anthracene and benzo(a)pyrene were detected above EPA's Risk-Based RSLs in the samples collected from B-2. Benzo(b)fluoranthene was detected above EPA's Residential RSL in the samples collected from B-1, B-5 and B-8.

PAHs including chrysene, fluoranthene, phenanthrene and pyrene were also detected in multiple soil samples; however, at concentrations below the screening levels. Similarly, upon re-run at the method detection limit (MDL), several other PAHs were detected at estimated concentrations below the screening levels.

Low level concentrations of benzo(a)anthracene, benzo(a)pyrene, dibenz(a,h)anthracene, indeno(1,2,3-cd)pyrene and naphthalene (as an SVOC); in addition to 1- and 2-methylnapthalene were also detected in other soil samples upon re-run at the MDL, and exceeded screening levels. However, these were detected at estimated concentrations and are not included in the table below.

SVOCs including bis(2-ethylhexyl)phthalate and di-n-butyl phthalate were also detected at estimated concentrations below the screening levels. These constituents were also detected in the method blank. The laboratory has indicated that bis(2-ethylhexyl)phthalate can be a laboratory contaminant.

Table 2. Soil Sampling Results Summary

Sample No.	Depth Interval (feet)	Detected Constituent	Detected Concentration	VRP Tier II Screening Level (2)	EPA Region III Residential RSL (3)	EPA Region III Industrial RSL (4)	EPA Region III Risk-Based RSL (5)	VDEQ Reporting Level (6)	Units
B-1	1-3.5	Benzo(b)fluoranthene	**5.6**	11	1.1	21	0.3	NA	mg/Kg
		Fluoranthene	5.3	177.76	2400	30000	89	NA	mg/Kg
		Diesel Range Organics	**350 B**	NA	NA	NA	NA	100	mg/Kg
B-2	1-3	Benzo(a)anthracene	**0.45**	2.12	1.1	21	0.011	NA	mg/Kg
		Benzo(a)pyrene	**0.45**	1.1	0.11	2.1	0.029	NA	mg/Kg
		Benzo(b)fluoranthene	**0.66**	11	1.1	21	0.3	NA	mg/Kg
		Chrysene	0.52	1100	110	2100	9	NA	mg/Kg
		Fluoranthene	0.88	177.76	2400	30000	89	NA	mg/Kg
		Phenanthrene	0.52	26.13	NA	NA	NA	NA	mg/Kg
		Pyrene	0.6	26.13	1800	23000	13	NA	mg/Kg
		Diesel Range Organics	11	NA	NA	NA	NA	100	mg/Kg
B-3	2-4	Acetone	0.03	5.74	61000	670000	2.9	NA	mg/Kg
		Naphthalene	**0.0098**	0.04	3.8	17	0.00054	NA	mg/Kg
		n-Butylbenzene	0.0073	6.44	3900	58000	3.2	NA	mg/Kg
		sec-Butylbenzene	0.012	11.7	7800	120000	5.9	NA	mg/Kg
		Diesel Range Organics	**360 B**	NA	NA	NA	NA	100	mg/Kg
B-4	1-3	No Detections*	-	-	-	-	-	-	mg/Kg
B-5	1-3	Benzo(b)fluoranthene	**4.3**	11	1.1	21	0.3	NA	mg/Kg
		Chrysene	3.7	1100	110	2100	9	NA	mg/Kg
		Fluoranthene	8.6	177.76	2400	30000	89	NA	mg/Kg
		Phenanthrene	9.1	26.13	NA	NA	NA	NA	mg/Kg
		Pyrene	6.3	26.13	1800	23000	13	NA	mg/Kg
		Diesel Range Organics	42	NA	NA	NA	NA	100	mg/Kg

Sample No.	Depth Interval (feet)	Detected Constituent	Detected Concentration	VRP Tier II Screening Level (2)	EPA Region III Residential RSL (3)	EPA Region III Industrial RSL (4)	EPA Region III Risk-Based RSL (5)	VDEQ Reporting Level (6)	Units
B-6	1-4	Diesel Range Organics	8.9	NA	NA	NA	NA	100	mg/Kg
B-7	1-4	Diesel Range Organics	22	NA	NA	NA	NA	100	mg/Kg
B-8	1-5	Benzo(b)fluoranthene	**2.5**	11	1.1	21	0.3	NA	mg/Kg
		Fluoranthene	4.9	177.76	2400	30000	89	NA	mg/Kg
		Phenanthrene	3.5	26.13	NA	NA	NA	NA	mg/Kg
		Pyrene	2.7	26.13	1800	23000	13	NA	mg/Kg
		Diesel Range Organics	84	NA	NA	NA	NA	100	mg/Kg
B-9	1-3	Diesel Range Organics	23	NA	NA	NA	NA	100	mg/Kg
B-10	2-4	Diesel Range Organics	15	NA	NA	NA	NA	100	mg/Kg
B-11	4-6	Diesel Range Organics	47	NA	NA	NA	NA	100	mg/Kg

Notes:

(1) Samples collected March 2 and 3, 2020

(2) VRP Tier II Screening Levels - Residential Table 2.0 dated June 2019

(3) EPA Regional Screening Level (RSL) Summary Table (TR=1E-06, HQ=1) Residential Soil November 2019

(4) EPA RSL Summary Table (TR=1E-06, HQ=1) Industrial Soil November 2019

(5) EPA RSL Summary Table (TR=1E-06, HQ=1) Risk-Based Soil November 2019

(6) VDEQ Reporting Level Storage Tank Program Technical Manual Fourth Edition May 2011

B – Detected in the method blank
NA – Not Applicable
* No detections above the laboratory reporting limit.

4.3 GROUNDWATER ANALYTICAL RESULTS

VOCs: Concentrations of the VOCs isopropyl benzene, n-butylbenzene, sec-butylbenzene, napthalene and n-propylbenzene were detected with n-butylbenzene, sec-butylbenzene and naphthalene exceeding the respective VRP Tier II Screening Levels in groundwater samples collected from temporary groundwater monitoring well TMW-3. In addition, methyl tertiary butyl ether (MTBE) was detected in the groundwater sample collected from temporary groundwater monitoring well TMW-9; however, the concentration did not exceed the VRP Tier II Screening Levels (**Table 3**).

Petroleum Hydrocarbons (TPH): TPH DRO was detected in groundwater samples collected from temporary groundwater monitoring wells TMW-2, TMW-3, TMW-5, TMW-6, TMW-9 and TMW-11 (**Table 3**). The TPH DRO concentration in the groundwater sample collected from temporary groundwater monitoring well TMW-3 exceeded the VDEQ Reporting Level of 1,000 ug/L at a concentration of 3,400 ug/L.

SVOCs and PAHs: Concentrations of the PAHs 1-methylnaphthalene and 2-methylnaphthalene were detected above their respective VRP Tier II Screening Levels in the groundwater sample collected from TMW-3 at concentrations of 22 ug/L and 28 ug/L, respectively compared with the VRP Tier II Screening Levels of 11 ug/L and 3.6 ug/L, respectively.

In addition, SVOC bis(2-ethylhexyl)phthalate was detected just over the respective VRP Tier II Screening Level and EPA Region III RSL of 6 ug/L at temporary groundwater monitoring wells TMW-4 (10 ug/L) and TMW-10 (14 ug/L and 13 ug/L HB). The laboratory reporting limit for bis(2-ethylhexyl)phthalate was 10 ug/L, which exceeds the respective screening level. Upon re-run at the MDL, several other groundwater samples exhibited estimated concentrations of bis(2-ethylhexyl)phthalate which exceed the respective screening level including at temporary groundwater monitoring wells TMW-1 through TMW-3 and TMW-5 through TMW-7. These estimated concentrations are not included in the table. The laboratory has indicated that bis(2-ethylhexyl)phthalate can be a laboratory contaminant.

The re-run also indicated low-level detections of several additional PAHs, which did not exceed respective screening levels with the exception of benzo(a)pyrene, benzo(b)fluoranthene and indeno(1,2,3-cd)pyrene (TMW-1); and, 1,1-biphenyl (TMW-5) just over the respective VRP Tier II Screening Level and/or the EPA Region III RSL. However, these were estimated concentrations and are not included in the table.

Table 3. Groundwater Sampling Results Summary

Sample No.	Detected Constituent	Detected Concentration	VRP Tier II Screening Level (2)	EPA Region III RSL (3)	VDEQ Reporting Level (4)	Units
TMW-1	No Detections*	-	-	-	-	-
TMW-2	Diesel Range Organics	180	NA	NA	1000	ug/L
TMW-3	Isopropylbenzene	1.7	45	450	NA	ug/L
	Naphthalene	**3.6**	0.61	0.17	NA	ug/L
	n-Butylbenzene	1.1	100	1000	NA	ug/L
	n-Propylbenzene	1.7	66	660	NA	ug/L

Sample No.	Detected Constituent	Detected Concentration	VRP Tier II Screening Level (2)	EPA Region III RSL (3)	VDEQ Reporting Level (4)	Units
	sec-Butylbenzene	1.8	200	2000	NA	ug/L
	1-Methylnaphthalene	**22**	11	1.1	NA	ug/L
	2-Methylnaphthalene	**28**	3.6	36	NA	ug/L
	Diesel Range Organics	**3400**	NA	NA	1000	ug/L
TMW-4	Bis(2-ethylhexyl)phthalate	**10 B**	6	6	NA	ug/L
TMW-5	Diesel Range Organics	140	NA	NA	1000	ug/L
TMW-6	Diesel Range Organics	310	NA	NA	1000	ug/L
TMW-7	No Detections*	**-**	-	-	-	-
TMW-8	No Detections*	-	-	-	-	-
TMW-9	Methyl tertiary butyl ether	2.4	140	14	NA	ug/L
	Diesel Range Organics	180	NA	NA	1000	ug/L
TMW-10	Bis(2-ethylhexyl)phthalate	**13 HB**	6	6	NA	ug/L
TMW-11	Diesel Range Organics	170	NA	NA	1000	ug/L

Notes:
(1) Groundwater Samples collected March 4 and 5, 2020.
(2) VRP Tier II Screening Levels - Residential Table 2.0 dated June 2019
(3) EPA Tapwater or Maximum Contaminant Level (MCL), as applicable, Regional Screening Level (RSL) Summary Table (TR=1E-06, HQ=1) November 2019
(4) VDEQ Reporting Level Storage Tank Program Technical Manual Fourth Edition May 2011
B – Detected in the method blank
H – Outside of holding time
NA – Not Applicable
* No detections above the laboratory reporting limit.

4.4 QUALITY CONTROL ANALYTICAL RESULTS AND DATA VALIDATION

Laboratory QA/QC involves the routine collection and analysis of method reagent blanks, matrix spike and matrix spike duplicate (MS/MSD) samples, and laboratory control samples (LCS). A brief summary of each of these is presented below:

- Method Reagent Blank – The method reagent blank is deionized water subjected to the same reagents and manipulations to which site samples are subjected. Positive results in the method reagent blank may indicate either contamination of the chemical reagents or the glassware and implements used to store or prepare the sample and resulting solutions.

- Matrix Spike/Matrix Spike Duplicate – A matrix spike is an aliquot of a field sample with a known concentration of target parameter added to it. A matrix spike duplicate is an intra-laboratory split sample spiked with a known concentration of target parameter. Spiking for each occurs prior to sample analysis. MS/MSD samples are collected for every batch of twenty or fewer samples. Matrix spike recoveries are used to indicate what effect the

sample matrix may have on the reported concentration and/or the performance of the sample preparation and analysis.

- Laboratory Control Samples – These samples generally consist of deionized water injected with the parameters of interest for single parameter methods and selected parameters for multi-parameter methods according to the appropriate analytical method. LCS are prepared and analyzed for each batch containing twenty or fewer samples. LCS recoveries are used to monitor analytical accuracy.

There were MS/MSD and DUP recoveries outside control limits for the soil matrix, which the laboratory suspected were due to sample matrix interference and/or non-homogeneity since the LCS and LCS duplicate (LCSD) were within limits. Continuing calibration verifications (CCV) were also outside control limits for specific analytes; however, these analytes were not detected in the associated samples. Each of the soil samples were diluted for the VOC analysis to meet the base dilution for the methanol preservation method. Soil samples collected from B-1, B-3 and B-11 were also diluted due to the nature of the samples (including color and odor for the sample collected from B-3), which resulted in elevated laboratory reporting limits.

The physical properties (viscosity, color, odor) of samples collected from B-1, B-5, B-8 and B-11 required dilutions to prevent instrument damage. Samples collected from each of these borings exhibited TPH DRO and PAHs with the exception of the samples collected from B-11. The elevated laboratory reporting limits exceeded the screening levels for additional PAHs, which may have been present and not detected.

There were LCS, LCS DUP and CCV recoveries outside control limits for the aqueous matrix for specific analytes; however, these analytes were not detected in the associated samples. The LCS and LCSD recoveries were outside control limits for bis(2-ethylhexyl)phthalate, which was detected in the method blank and the groundwater samples collected from temporary groundwater monitoring wells TMW-4 and TMW-10, as described previously. However, the laboratory has indicated that bis(2-ethylhexyl)phthalate can be a laboratory contaminant.

Field and laboratory QA/QC also involved the collection and analysis of a duplicate field groundwater sample. Duplicates are two separate samples collected independently in such a manner that they equally represent the medium at a given time and location. Co-located samples provide intra-laboratory precision information for the entire measurement system, including sample collection, homogeneity, handling, shipping, storage, preparation, and analysis. Bis(2-ethylhexyl)phthalate was detected in the method blank. Table 4 summarizes the parameter detection from the method blank extraction. The concentration in the groundwater samples exceeded the method blank concentration. However, the laboratory has indicated that bis(2-ethylhexyl)phthalate can be a laboratory contaminant.

Table 4. Quality Control Detects Summary

Blank ID	Parameter	Concentration (ug/L)	RL (ug/L)
Method Blank	Bis(2-ethylhexyl)phthalate	6.25	2.5

RL = Reporting Limit
ug/L = micrograms per liter

Table 5 compares the duplicate sample to the original sample for the detected parameters. In general, a Relative Percent Difference (RPD) less than 20% is desirable. However, TPH-DRO was detected at an estimated concentration in the duplicate sample. However, there were no other detections above the respective laboratory reporting limit in either the groundwater sample or the duplicate sample.

Table 5. Duplicate Comparison Summary

Parameter	TMW-11 Concentration (ug/L)	TMW-11 DUP Concentration (ug/L)	% Difference
Diesel Range Organics (DRO)	170	110 J	43%

DUP = Duplicate sample
ug/L = micrograms per liter

To identify analytical data that may not represent valid results, data from the soil and groundwater monitoring events were validated by the laboratory and SCS in accordance with EPA guidance. Samples with parameter detections less than five times that of blank detections, but greater than the laboratory's Limit of Detection (LOD) are flagged with a "B" qualifier. Samples with common lab contaminant parameter detections less than 10 times that of blank detections, but greater than the laboratory's LOD are flagged with a "B" qualifier. B qualified detections are considered not validated as the detection may be anomalous due to sampling, laboratory, or transportation errors. Bis(2-ethylhexyl)phthalate was detected in the method blank and in the associated groundwater sample and flagged with a "B". The laboratory has indicated that bis(2ethylhexyl)phthalate can be a laboratory contaminant.

5 CONCLUSIONS

Soil: Concentrations of the VOCs acetone, n-butylbenzene and sec-butylbenzene were detected in the soil sample collected from B-3; however, at concentrations below the screening levels. Naphthalene (as a VOC) was detected above the EPA Risk-Based RSLs at B-3.

TPH was detected in each of the soil samples, with the exception of B-4. TPH DRO exceeded the VDEQ reporting level of 100 mg/Kg at B-1 and B-3 at concentrations of 350 mg/kg and 360 mg/kg, respectively. These values were reported to the VDEQ. In addition, free product was noted in some soil samples obtained from boring B-3, which is located near the maintenance building.

PAHs were detected in soil samples collected from B-1, B-2, B-3, B-5 and B-8. Specifically, benzo(b)fluoranthene was detected above EPA's Risk-Based RSL in these five samples. In addition, benzo(a)anthracene and benzo(a)pyrene were detected above EPA's Risk-Based RSLs in the samples collected from B-2. Benzo(b)fluoranthene was detected above EPA's Residential RSL in the samples collected from B-1, B-5 and B-8. Other PAHs were detected in multiple soil samples; however, at concentrations below the screening levels.

Low level concentrations of benzo(a)anthracene, benzo(a)pyrene, dibenz(a,h)anthracene, indeno(1,2,3-cd)pyrene and naphthalene (as an SVOC); in addition to 1- and 2-methylnapthalene were also detected in other soil samples upon re-run at the MDL, and exceeded screening levels however at estimated concentrations.

SVOCs including bis(2-ethylhexyl)phthalate and di-n-butyl phthalate were also detected at estimated concentrations below the screening levels. These constituents were also detected in the method blank. The laboratory has indicated that bis(2-ethylhexyl)phthalate can be a laboratory contaminant.

Groundwater: Concentrations of the VOCs isopropyl benzene, n-butylbenzene, sec-butylbenzene, naphthalene and n-propylbenzene were detected with n-butylbenzene, sec-butylbenzene and naphthalene exceeding the respective VRP Tier II Screening Levels in groundwater samples collected from temporary groundwater monitoring well TMW-3. MTBE was detected in the groundwater sample collected from temporary groundwater monitoring well TMW-9; however, at concentrations below the screening levels.

TPH DRO was detected in groundwater samples collected from temporary groundwater monitoring wells TMW-2, TMW-3, TMW-5, TMW-6, TMW-9 and TMW-11. The TPH DRO concentration in the groundwater sample collected from TMW-3 exceeded the VDEQ reporting level of 1,000 ug/L at a concentration on 3,400 ug/L, therefore, the VDEQ was notified.

PAHs including 1-methylnaphthalene and 2-methylnaphthalene were detected above their respective VRP Tier II Screening Levels in the groundwater sample collected from temporary groundwater monitoring well TMW-3. In addition, SVOC bis(2-ethylhexyl)phthalate was detected just over the respective VRP Tier II Screening Level and EPA Region III RSL of 6 ug/L at temporary groundwater monitoring wells TMW-4 and TMW-10 at concentrations of 10 ug/L and 13 ug/L, respectively. Upon re-run at the MDL, several other groundwater samples exhibited estimated concentrations of bis(2-ethylhexyl)phthalate which exceed the respective screening level including at temporary groundwater monitoring wells TMW-1 through TMW-3 and TMW-5 through TMW-7. However, the laboratory has indicated that bis(2-ethylhexyl)phthalate can be a laboratory contaminant.

The re-run also indicated low-level detections of several additional PAHs, which did not exceed respective screening levels with the exception of benzo(a)pyrene, benzo(b)fluoranthene and indeno(1,2,3-cd)pyrene (TMW-1); and, 1,1-biphenyl (TMW-5) just over the respective VRP Tier II Screening Level and/or the EPA Region III RSL.

Analysis of relative groundwater levels obtained before sampling each temporary groundwater monitoring well indicated that shallow groundwater flow is toward the south/southwest (see **Figure 4** in **Appendix A**).

6 REFERENCES

All Appropriate Inquiry: Final

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APPENDIX A - FIGURES

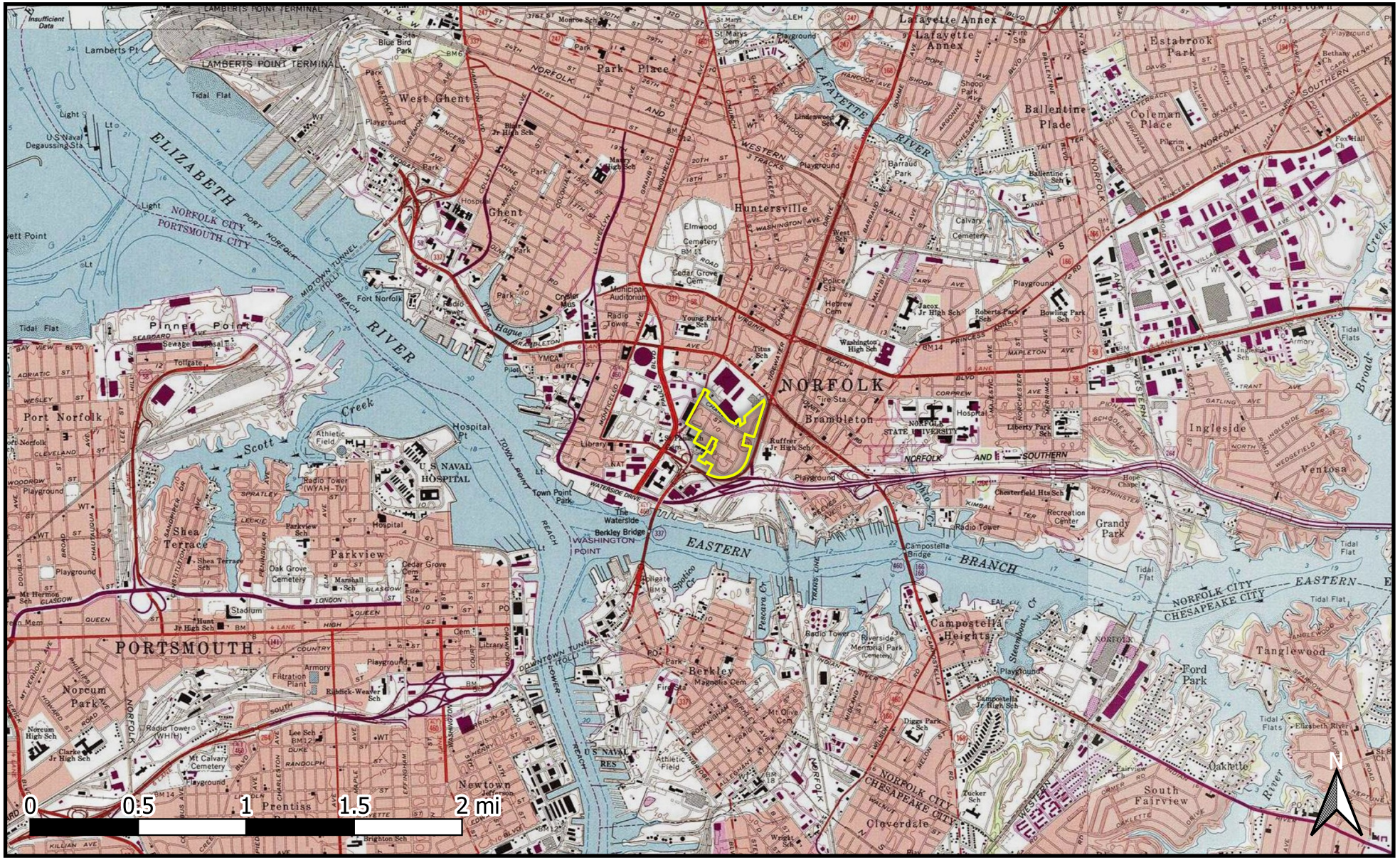

Figure 1. Site Location Map

Tidewater Gardens

SCS File No. 02218113.11

Source: USGS Norfolk South, VA Topographic Quadrangle (1986)

SCS ENGINEERS

Figure 2. Site Vicinity Map
Tidewater Gardens
SCS File No. 02218113.11

Subject Site

Source: Google Satellite Imagery (2019)

SCS ENGINEERS

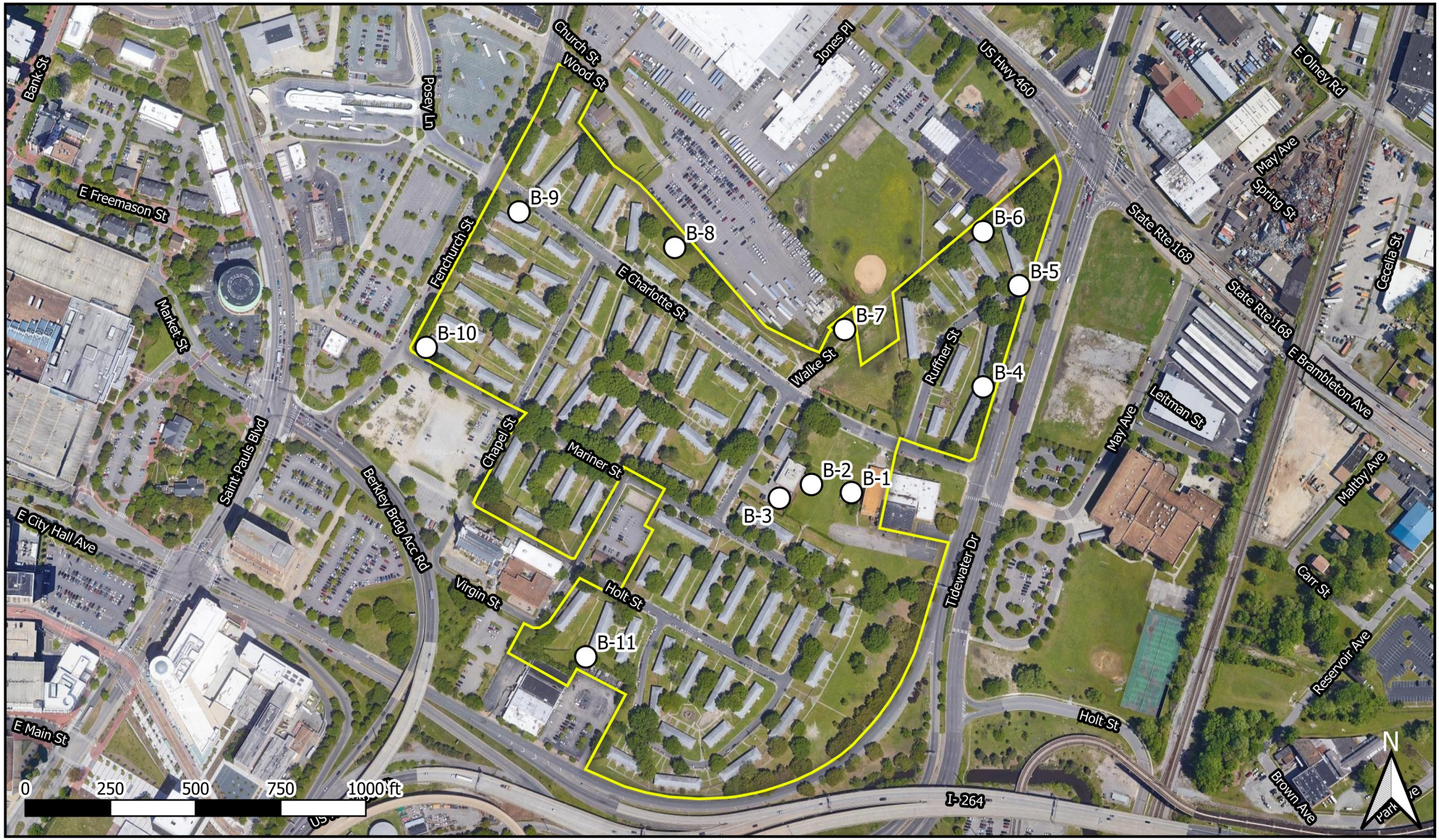

Figure 3. Soil Boring Location Map

Tidewater Gardens

SCS File No. 02218113.11

Subject Site Boring Location

Source: Google Satellite Imagery (2019)

SCS ENGINEERS

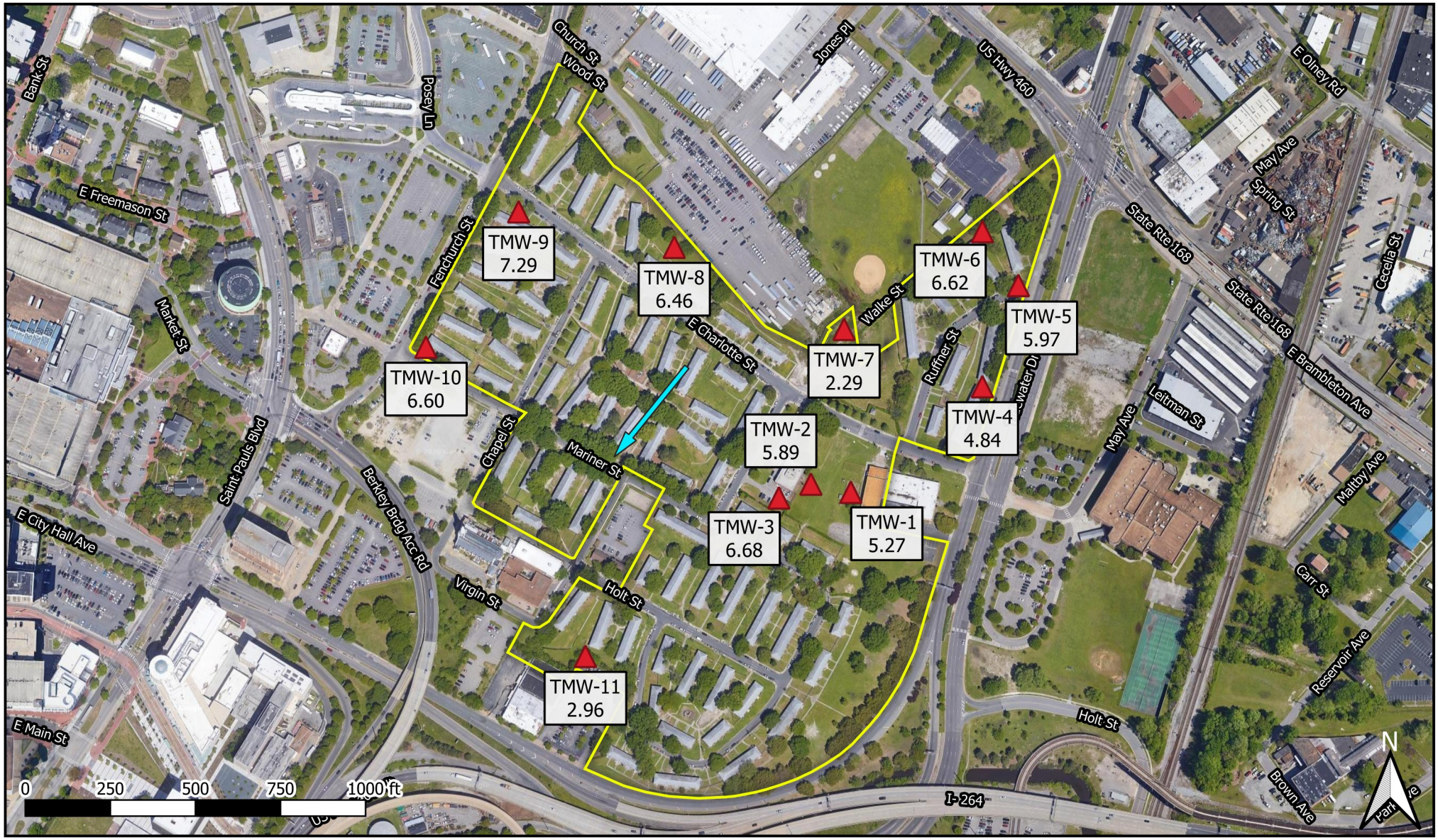

Figure 4. Temporary Groundwater Well Location Map

Tidewater Gardens
SCS File No. 02218113.11

Subject Site

Groundwater Flow Direction

Temporary Well Locations

1.68 Relative Groundwater Elevation

Source: Google Satellite Imagery (2019)

APPENDIX B – SOIL BORING LOGS

Soil Boring: B-1

Project: Tidewater Gardens	**Project No.:** 02218113.11
Date: 3/2/2020	**Location:** Norfolk, VA
Driller: Fishburne	**Elevation:** N/A

DEPTHS Depth (feet)	SOIL DESCRIPTION	NOTES
0-1	No Return	Background PID = 0.0 ppm
1-2	Sand, black, fill material	
2-3	As Above	
3-4	Sand, light gray, fill material	Water Table at 3.7'
4-5	As Above	
5-6	As Above	
6-7	Clay, gray with tan streaks, trace silt, high plasticity	
7-8	Clayey sand, dark gray, coarse grained with some gravel and rock, trace silt	Bottom of boring at 8'
8-9		
9-10		
10-11		
11-12		

Notes: No PID readings. Collected sample B-1-1 (1-2') and B-1-2 (2-3.5')

Soil Boring: B-2

Project: Tidewater Gardens	**Project No.:** 02218113.11
Date: 3/2/2020	**Location:** Norfolk, VA
Driller: Fishburne	**Elevation:** N/A

DEPTHS Depth (feet)	SOIL DESCRIPTION	NOTES
0-1	No Return	Background PID = 0.0 ppm
1-2	Sand, black, fill material	0.5 ppm
2-3	As Above	
3-4	As Above	Water Table at 3.10'
4-5	Sandy clay, light gray, fill material	
5-6	Silty sand, dark gray, coarse grained, some clay, moist	
6-7	Sandy clay, tan, medium plasticity, some silt	
7-8	Sand, black, fill material	
8-9	As Above	
9-10	As Above	
10-11	Sand, light gray, fine grained, well sorted, some silt, trace clay	
11-12	Clay, orange/tan streaks, dark gray, high plasticity	Bottom of boring at 12'

Notes: Collected samples B-2-1 (1-2') and B-2-2 (2-3')

Soil Boring: B-3

Project: Tidewater Gardens	**Project No.:** 02218113.11
Date: 3/3/2020	**Location:** Norfolk, VA
Driller: Fishburne	**Elevation:** N/A

DEPTHS Depth (feet)	SOIL DESCRIPTION	NOTES
0-1	No Return	Background PID = 0.0 ppm
1-2	No Return	Water Table at 2.2'
2-3	Sand, brown/tan, coarse grained with gravel, fill material	
3-4	Sand, dark gray/black, oily sheen, fill material	156 ppm strong petroleum odor
4-5	As Above	116 ppm
5-6	As Above	
6-7	As Above	
7-8	Clay, tan streaks, dark gray, high plasticity	4.3 ppm
8-9	As Above - free product visible	
9-10	As Above	
10-11	As Above	
11-12	As Above	Bottom of boring at 12'

Notes: Soils had strong petroleum odor, with what appeared to be free product. Oily sheen within purge water upon developing TMW-3. Collected samples B-3-1 (2-3') and B-3-2 (3-4')

Soil Boring: B-4

Project: Tidewater Gardens	**Project No.:** 02218113.11
Date: 3/2/2020	**Location:** Norfolk, VA
Driller: Fishburne	**Elevation:** N/A

DEPTHS Depth (feet)	SOIL DESCRIPTION	NOTES
0-1	No Return	Background PID = 0.1 ppm
1-2	Silty sand, gray/brown, fine grained, well sorted, trace clay, dry	0.3 ppm
2-3	Sand and gravel, brown, coarse grained, some clay	0.5 ppm
3-4	Sand, black, fill material, wet	Water Table at 3.6' 0.9 ppm
4-5	No Return	
5-6	No Return	
6-7	No Return	
7-8	Sand, black, fill material	
8-9	As Above	
9-10	As Above	
10-11	As Above	
11-12	Silty clay, gray, some sand, high plasticity	Bottom of boring at 13'

Notes: Collected samples B-4-1 (1-2') and B-4-2 (2-3')

Soil Boring: B-5

Project: Tidewater Gardens	**Project No.:** 02218113.11
Date: 3/2/2020	**Location:** Norfolk, VA
Driller: Fishburne	**Elevation:** N/A

DEPTHS Depth (feet)	SOIL DESCRIPTION	NOTES
0-1	Sand, black, fill material, dry	Background PID = 0.0 ppm
1-2	Silty sand with orange mottles, gray/tan, medium to coarse grained, trace clay	0.2 ppm
2-3	Sand, black, fill material, dry	0.6 ppm
3-4	Silty sandy clay, dark gray, medium plasticity, moist	Water Table at 3.2'
4-5	No Return	0.4 ppm
5-6	No Return	
6-7	Silty clay, gray, organic material, medium plasticity, some sand	
7-8	As Above	
8-9	As Above	0.0 ppm
9-10	As Above, trending to light gray and high plasticity	
10-11	Sand, light gray, medium grained, well sorted, wet	
11-12	As Above	Bottom of boring at 12'

Notes: Collected samples B-5-1 (1-2') and B-5-2 (2-3')

Soil Boring: B-6

Project: Tidewater Gardens	**Project No.:** 02218113.11
Date: 3/2/2020	**Location:** Norfolk, VA
Driller: Fishburne	**Elevation:** N/A

DEPTHS Depth (feet)	SOIL DESCRIPTION	NOTES
0-1	Silty sand, gray, fine grained, well sorted, trace clay, dry	Background PID = 0.0 ppm
1-2	Silty sand, tan, fine grained, well sorted, trace clay, dry	0.7 ppm
2-3	As Above, trending to wet	0.3 ppm
3-4	Sand and gravel, black, fill material	1.0 ppm
4-5	As Above	Water Table at 4.8'
5-6	Silty sand, tan, fine grained, well sorted, wet	
6-7	Sandy silt with clay increasing with depth, dark gray, fine grained, well sorted into medium plasticity	
7-8	Wood material with dark gray soils surrounding, not enough to classify	
8-9	silty clay, light gray trending to dark gray, some organic material, high plasticity	
9-10	As Above	Bottom of boring at 9.5'
10-11		
11-12		

Notes: Collected samples B-6-1 (1-2') and B-6-2 (2-4')

Soil Boring: B-7

Project: Tidewater Gardens	**Project No.:** 02218113.11
Date: 3/2/2020	**Location:** Norfolk, VA
Driller: Fishburne	**Elevation:** N/A

DEPTHS Depth (feet)	SOIL DESCRIPTION	NOTES
0-1	No Return	Background PID = 0.0 ppm
1-2	Silty sand, brown, medium grained, well sorted, dry	0.6 ppm
2-3	Sand and gravel, black, fill material	0.7 ppm
3-4	Sandy silt, gray, orange mottles, fine grained, well sorted, some clay, moist	0.7 ppm
4-5	Sand and gravel, black, fill material	1.2 ppm
5-6	As Above	
6-7	As Above	0.7 ppm
7-8	Clay, light gray, orange/tan streaks, high plasticity	Bottom of boring at 8'
8-9		
9-10		
10-11		
11-12		

Notes: Collected samples B-7-1 (1-2') and B-7-2 (2-4')

Soil Boring: B-8

Project: Tidewater Gardens	**Project No.:** 02218113.11
Date: 3/3/2020	**Location:** Norfolk, VA
Driller: Fishburne	**Elevation:** N/A

DEPTHS Depth (feet)	SOIL DESCRIPTION	NOTES
0-1	No Return	Background PID = 0.0 ppm
1-2	Silty sand and gravel, black, fill material, moist	0.2 ppm
2-3	Silty sand with clay increasing with depth, gray, fine grained, well sorted, wet	0.3 ppm
3-4	Silty clay, gray, trace sand, high plasticity	Water Table at 3.10' 0.7 ppm
4-5	As Above	
5-6	Silty organic material, red/brown, trace sand, wet	0.8 ppm
6-7	Silty sand, light gray, fine grained, well sorted	
7-8	As Above	
8-9	Silty sand, tan, fine grained, well sorted	Bottom of boring at 8.5'
9-10		
10-11		
11-2		

Notes: All soils moist to wet. Collected samples B-8-1 (1-3') and B-8-2 (3-5')

Soil Boring: B-9

Project: Tidewater Gardens	**Project No.:** 02218113.11
Date: 3/3/2020	**Location:** Norfolk, VA
Driller: Fishburne	**Elevation:** N/A

DEPTHS Depth (feet)	SOIL DESCRIPTION	NOTES
0-1	Sand, black, fill material	Background PID = 0.0 ppm 0.6 ppm
1-2	Sand, gravel, and shells, brown, fill material	0.4 ppm
2-3	Silty sand, brown/tan with orange mottles, fine grained, well sorted, trace clay	0.5 ppm
3-4	As Above	Water Table at 4'
4-5	As Above	
5-6	Silty sand, light gray trending to orangy/tan with orange mottles, medium grained, well sorted, wet	
6-7	As Above	
7-8	Sand, orange/tan, medium grained, well sorted	
8-9	As Above	Bottom of boring at 9'
9-10		
10-11		
11-2		

Notes: Collected samples B-9-1 (1-2') and B-9-2 (2-3')

Soil Boring: B-10

Project: Tidewater Gardens	**Project No.:** 02218113.11
Date: 3/3/2020	**Location:** Norfolk, VA
Driller: Fishburne	**Elevation:** N/A

DEPTHS Depth (feet)	**SOIL DESCRIPTION**	**NOTES**
0-1	No Return	Background PID = 0.0 ppm
1-2	Silty Sandy with clay increasing with depth, dark brown/black, dry	0.6 ppm
2-3	Sand and gravel, tan/orange and black, fill material	0.4 ppm
3-4	Silty clay, brown/tan, medium plasticity, trace sand, moist	0.7 ppm
4-5	As Above	0.9 ppm
5-6	Silty sand, brown/tan with orange mottles, medium grained, well sorted, trace clay	0.9 ppm
6-7	As Above	
7-8	As Above	
8-9	Sand, orange/brown with a 1" section of light gray, medium grained, well sorted, wet	Water Table at 8.5'
9-10	As Above	
10-11	As Above	
11-2	As Above	Bottom of boring at 16'

Notes: Collected samples B-10-1 (2-3') and B-10-2 (3-4')

Soil Boring: B-11

Project: Tidewater Gardens	**Project No.:** 02218113.11
Date: 3/2/2020	**Location:** Norfolk, VA
Driller: Fishburne	**Elevation:** N/A

DEPTHS Depth (feet)	SOIL DESCRIPTION	NOTES
0-1	No Return	Background PID = 0.0 ppm
1-2	Sand and clay, brown, fill material	0.4 ppm
2-3	As Above	Water Table at 3'
3-4	Clayey sand, black, fill material	
4-5	Brick and asphalt fill material	0.7 ppm
5-6	Sand and gravel, brown/gray, coarse grained, well sorted, wet	
6-7	Brick and asphalt fill material	0.5 ppm
7-8	As Above	
8-9	Sand, black, fill material	
9-10	As Above	
10-11	As Above	
11-12	Sand, dark gray, fill material	
12-13	Clay, dark gray, high plasticity	Bottom of boring at 13'

Notes: Collected samples B-11-1 (4-5') and B-11-2 (5-6')

APPENDIX C - LABORATORY REPORTS

eurofins | Environment Testing TestAmerica

ANALYTICAL REPORT

Eurofins TestAmerica, Pensacola
3355 McLemore Drive
Pensacola, FL 32514
Tel: (850)474-1001

Laboratory Job ID: 400-184834-1
Client Project/Site: Tidewater Gardens
Revision: 1

For:
SCS Engineers
2877 Guardian Lane
Suite 1-F
Virginia Beach, Virginia 23452

Attn: Keith Matteson

Mark Swafford

Authorized for release by:
4/21/2020 3:13:50 PM

Mark Swafford, Project Manager II
(850)471-6207
mark.swafford@testamericainc.com

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Definitions/Glossary

Client: SCS Engineers
Project/Site: Tidewater Gardens

Job ID: 400-184834-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS Semi VOA

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
E	Result exceeded calibration range.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC Semi VOA

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
B	Compound was found in the blank and sample.
E	Result exceeded calibration range.

General Chemistry

Qualifier	Qualifier Description
F3	Duplicate RPD exceeds the control limit

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 400-184834-1

Laboratory: Eurofins TestAmerica, Pensacola

Narrative

Job Narrative
400-184834-1

Comments
The report was revised change the format to report to the MDL.

No additional comments.

Receipt
The samples were received on 3/4/2020 9:30 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 0.5º C.

GC/MS VOA
Method 8260B: The matrix spike duplicate (MSD) recoveries for preparation batch 400-481807 and analytical batch 400-481763 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC/MS Semi VOA
Method 8270D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 400-481286 and analytical batch 400-481665 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8270D: The matrix spike / matrix spike duplicate / sample duplicate (MS/MSD/DUP) precision for preparation batch 400-481286 and analytical batch 400-481665 was outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory control sample duplicate (LCS/LCSD) precision was within acceptance limits.

Method 8270D: The following sample was diluted due to the nature of the sample matrix: B-3 (400-184834-3). Elevated reporting limits (RLs) are provided.

Method 8270D: The continuing calibration verification (CCV) associated with batch 400-481665 recovered above the upper control limit for Bis(2-ethylhexyl) phthalate, Di-n-butyl phthalate, Butyl benzyl phthalate, Pyrene and Di-n-octyl phthalate. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method 8270D: The continuing calibration verification (CCV) associated with batch 400-481665 recovered outside acceptance criteria, low biased, for Hexachlorocyclopentadiene. A reporting limit (RL) standard was analyzed, and the target analyte was detected. Since the associated samples were non-detect for this analyte, the data have been reported.

Method 8270D: Physical properties (viscosity, color, odor) of the following sample(s) extract preclude concentrated analysis which would jeopardize instrumentation: B-1 (400-184834-1), B-5 (400-184834-5), B-8 (400-184834-8) and B-11 (400-184834-11) . Minimal dilution with elevated RLs is reported.

Method 8270D: The continuing calibration verification (CCV) associated with batch 400-481773 recovered outside acceptance criteria, low biased, for Caprolactam. A reporting limit (RL) standard was analyzed, and the target analyte was detected. Since the associated samples were non-detect for this analyte, the data have been reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC VOA
Method 8015C: The following samples were diluted because the base dilution for methanol preserved soil analysis is 1:50: B-1 (400-184834-1), B-2 (400-184834-2), B-3 (400-184834-3), B-4 (400-184834-4), B-5 (400-184834-5), B-6 (400-184834-6), B-7 (400-184834-7), B-8 (400-184834-8), B-9 (400-184834-9), B-10 (400-184834-10) and B-11 (400-184834-11).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Job ID: 400-184834-1 (Continued)

Laboratory: Eurofins TestAmerica, Pensacola (Continued)

GC Semi VOA

Method 8015C: The method blank for preparation batch 400-480603 and analytical batch 400-480905 contained Diesel Range Organics [C10-C28] above the reporting limit (RL). Associated sample(s) were not re-extracted and/or re-analyzed because results were greater than 10X the value found in the method blank.

Method 8015C: The following sample was diluted due to color and odor: B-3 (400-184834-3). Elevated reporting limits (RL) are provided.

Method 8015C: Surrogate recovery for the following sample was outside control limits: (400-184839-A-1-C). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015C: The following sample was diluted due to the nature of the sample matrix: B-1 (400-184834-1). Elevated reporting limits (RLs) are provided.

Method 8015C: The following sample was diluted due to the nature of the sample matrix: B-11 (400-184834-11). Elevated reporting limits (RLs) are provided.

Method 8015C: Method required MS/MSD and/or duplicate QC were prepared and analyzed at required batch frequency for preparation batch 400-481261 and analytical batch 400-481656 using samples from other sites, and are not reported with this project.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Organic Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: SCS Engineers
Project/Site: Tidewater Gardens

Job ID: 400-184834-1

Client Sample ID: B-1 — Lab Sample ID: 400-184834-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	0.0015	J	0.0063	0.0013	mg/Kg	1	☼	8260B	Total/NA
Anthracene	0.44	J	4.1	0.41	mg/Kg	10	☼	8270D	Total/NA
Benzo[a]anthracene	3.3	J	4.1	0.41	mg/Kg	10	☼	8270D	Total/NA
Benzo[a]pyrene	3.9	J	4.1	0.41	mg/Kg	10	☼	8270D	Total/NA
Benzo[b]fluoranthene	5.6		4.1	0.41	mg/Kg	10	☼	8270D	Total/NA
Benzo[g,h,i]perylene	2.1	J	4.1	0.41	mg/Kg	10	☼	8270D	Total/NA
Benzo[k]fluoranthene	1.7	J	4.1	0.41	mg/Kg	10	☼	8270D	Total/NA
Chrysene	3.8	J	4.1	0.41	mg/Kg	10	☼	8270D	Total/NA
Dibenz(a,h)anthracene	1.1	J	4.1	0.41	mg/Kg	10	☼	8270D	Total/NA
Fluoranthene	5.3		4.1	0.41	mg/Kg	10	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	2.1	J	4.1	0.41	mg/Kg	10	☼	8270D	Total/NA
Phenanthrene	2.3	J	4.1	0.41	mg/Kg	10	☼	8270D	Total/NA
Pyrene	3.6	J	4.1	0.41	mg/Kg	10	☼	8270D	Total/NA
Diesel Range Organics [C10-C28]	350	B	31	12	mg/Kg	5	☼	8015C	Total/NA

Client Sample ID: B-2 — Lab Sample ID: 400-184834-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1-Methylnaphthalene	0.046	J	0.39	0.039	mg/Kg	1	☼	8270D	Total/NA
2-Methylnaphthalene	0.066	J	0.39	0.039	mg/Kg	1	☼	8270D	Total/NA
Acenaphthene	0.045	J	0.39	0.039	mg/Kg	1	☼	8270D	Total/NA
Anthracene	0.12	J	0.39	0.039	mg/Kg	1	☼	8270D	Total/NA
Benzo[a]anthracene	0.45		0.39	0.039	mg/Kg	1	☼	8270D	Total/NA
Benzo[a]pyrene	0.45		0.39	0.039	mg/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	0.66		0.39	0.039	mg/Kg	1	☼	8270D	Total/NA
Benzo[g,h,i]perylene	0.27	J	0.39	0.039	mg/Kg	1	☼	8270D	Total/NA
Benzo[k]fluoranthene	0.27	J	0.39	0.039	mg/Kg	1	☼	8270D	Total/NA
Bis(2-ethylhexyl) phthalate	0.14	J B	0.39	0.039	mg/Kg	1	☼	8270D	Total/NA
Carbazole	0.073	J	0.39	0.039	mg/Kg	1	☼	8270D	Total/NA
Chrysene	0.52		0.39	0.039	mg/Kg	1	☼	8270D	Total/NA
Dibenz(a,h)anthracene	0.11	J	0.39	0.039	mg/Kg	1	☼	8270D	Total/NA
Di-n-butyl phthalate	0.053	J B	0.39	0.039	mg/Kg	1	☼	8270D	Total/NA
Fluoranthene	0.88		0.39	0.039	mg/Kg	1	☼	8270D	Total/NA
Hexadecane	0.041	J	0.39	0.039	mg/Kg	1	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	0.25	J	0.39	0.039	mg/Kg	1	☼	8270D	Total/NA
Naphthalene	0.045	J	0.39	0.039	mg/Kg	1	☼	8270D	Total/NA
n-Octadecane	0.059	J	0.39	0.039	mg/Kg	1	☼	8270D	Total/NA
Phenanthrene	0.52		0.39	0.039	mg/Kg	1	☼	8270D	Total/NA
Pyrene	0.60		0.39	0.039	mg/Kg	1	☼	8270D	Total/NA
Diesel Range Organics [C10-C28]	11		5.7	2.3	mg/Kg	1	☼	8015C	Total/NA

Client Sample ID: B-3 — Lab Sample ID: 400-184834-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.030		0.027	0.014	mg/Kg	1	☼	8260B	Total/NA
Isopropylbenzene	0.0032	J	0.0053	0.00072	mg/Kg	1	☼	8260B	Total/NA
Naphthalene	0.0098		0.0053	0.0021	mg/Kg	1	☼	8260B	Total/NA
n-Butylbenzene	0.0073		0.0053	0.0010	mg/Kg	1	☼	8260B	Total/NA
N-Propylbenzene	0.0028	J	0.0053	0.00096	mg/Kg	1	☼	8260B	Total/NA
sec-Butylbenzene	0.012		0.0053	0.0010	mg/Kg	1	☼	8260B	Total/NA
1-Methylnaphthalene	0.83	J	1.8	0.18	mg/Kg	5	☼	8270D	Total/NA
2-Methylnaphthalene	1.0	J	1.8	0.18	mg/Kg	5	☼	8270D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: B-3 (Continued) — Lab Sample ID: 400-184834-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthene	0.18	J	1.8	0.18	mg/Kg	5	☼	8270D	Total/NA
Anthracene	0.18	J	1.8	0.18	mg/Kg	5	☼	8270D	Total/NA
Benzo[a]anthracene	0.37	J	1.8	0.18	mg/Kg	5	☼	8270D	Total/NA
Benzo[a]pyrene	0.50	J	1.8	0.18	mg/Kg	5	☼	8270D	Total/NA
Benzo[b]fluoranthene	0.46	J	1.8	0.18	mg/Kg	5	☼	8270D	Total/NA
Benzo[g,h,i]perylene	0.26	J	1.8	0.18	mg/Kg	5	☼	8270D	Total/NA
Chrysene	0.39	J	1.8	0.18	mg/Kg	5	☼	8270D	Total/NA
Dibenz(a,h)anthracene	0.25	J	1.8	0.18	mg/Kg	5	☼	8270D	Total/NA
Fluoranthene	0.41	J	1.8	0.18	mg/Kg	5	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	0.30	J	1.8	0.18	mg/Kg	5	☼	8270D	Total/NA
Phenanthrene	0.42	J	1.8	0.18	mg/Kg	5	☼	8270D	Total/NA
Pyrene	0.60	J	1.8	0.18	mg/Kg	5	☼	8270D	Total/NA
Gasoline Range Organics (GRO) -C6-C10	3.7	J	6.2	3.1	mg/Kg	50	☼	8015C	Total/NA
Diesel Range Organics [C10-C28]	360	B	110	43	mg/Kg	20	☼	8015C	Total/NA

Client Sample ID: B-4 — Lab Sample ID: 400-184834-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]pyrene	0.047	J	0.36	0.036	mg/Kg	1	☼	8270D	Total/NA
Bis(2-ethylhexyl) phthalate	0.080	J B	0.36	0.036	mg/Kg	1	☼	8270D	Total/NA
Di-n-butyl phthalate	0.040	J B	0.36	0.036	mg/Kg	1	☼	8270D	Total/NA

Client Sample ID: B-5 — Lab Sample ID: 400-184834-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthene	0.90	J	3.7	0.37	mg/Kg	10	☼	8270D	Total/NA
Anthracene	1.0	J	3.7	0.37	mg/Kg	10	☼	8270D	Total/NA
Benzo[a]anthracene	3.2	J	3.7	0.37	mg/Kg	10	☼	8270D	Total/NA
Benzo[a]pyrene	3.4	J	3.7	0.37	mg/Kg	10	☼	8270D	Total/NA
Benzo[b]fluoranthene	4.3		3.7	0.37	mg/Kg	10	☼	8270D	Total/NA
Benzo[g,h,i]perylene	1.8	J	3.7	0.37	mg/Kg	10	☼	8270D	Total/NA
Benzo[k]fluoranthene	1.4	J	3.7	0.37	mg/Kg	10	☼	8270D	Total/NA
Carbazole	0.54	J	3.7	0.37	mg/Kg	10	☼	8270D	Total/NA
Chrysene	3.7		3.7	0.37	mg/Kg	10	☼	8270D	Total/NA
Dibenz(a,h)anthracene	0.87	J	3.7	0.37	mg/Kg	10	☼	8270D	Total/NA
Fluoranthene	8.6		3.7	0.37	mg/Kg	10	☼	8270D	Total/NA
Fluorene	0.72	J	3.7	0.37	mg/Kg	10	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	1.7	J	3.7	0.37	mg/Kg	10	☼	8270D	Total/NA
Phenanthrene	9.1		3.7	0.37	mg/Kg	10	☼	8270D	Total/NA
Pyrene	6.3		3.7	0.37	mg/Kg	10	☼	8270D	Total/NA
Diesel Range Organics [C10-C28]	42		5.6	2.2	mg/Kg	1	☼	8015C	Total/NA

Client Sample ID: B-6 — Lab Sample ID: 400-184834-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]pyrene	0.054	J	0.36	0.036	mg/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	0.042	J	0.36	0.036	mg/Kg	1	☼	8270D	Total/NA
Bis(2-ethylhexyl) phthalate	0.10	J B	0.36	0.036	mg/Kg	1	☼	8270D	Total/NA
Dibenz(a,h)anthracene	0.049	J	0.36	0.036	mg/Kg	1	☼	8270D	Total/NA
Di-n-butyl phthalate	0.043	J B	0.36	0.036	mg/Kg	1	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	0.046	J	0.36	0.036	mg/Kg	1	☼	8270D	Total/NA
Diesel Range Organics [C10-C28]	8.9		5.4	2.2	mg/Kg	1	☼	8015C	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: SCS Engineers
Project/Site: Tidewater Gardens

Job ID: 400-184834-1

Client Sample ID: B-7 — Lab Sample ID: 400-184834-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	0.0013	J	0.0059	0.0012	mg/Kg	1	☼	8260B	Total/NA
Benzo[a]anthracene	0.11	J	0.38	0.038	mg/Kg	1	☼	8270D	Total/NA
Benzo[a]pyrene	0.15	J	0.38	0.038	mg/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	0.17	J	0.38	0.038	mg/Kg	1	☼	8270D	Total/NA
Benzo[g,h,i]perylene	0.090	J	0.38	0.038	mg/Kg	1	☼	8270D	Total/NA
Benzo[k]fluoranthene	0.062	J	0.38	0.038	mg/Kg	1	☼	8270D	Total/NA
Bis(2-ethylhexyl) phthalate	0.12	J B	0.38	0.038	mg/Kg	1	☼	8270D	Total/NA
Chrysene	0.13	J	0.38	0.038	mg/Kg	1	☼	8270D	Total/NA
Dibenz(a,h)anthracene	0.062	J	0.38	0.038	mg/Kg	1	☼	8270D	Total/NA
Di-n-butyl phthalate	0.045	J B	0.38	0.038	mg/Kg	1	☼	8270D	Total/NA
Fluoranthene	0.20	J	0.38	0.038	mg/Kg	1	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	0.094	J	0.38	0.038	mg/Kg	1	☼	8270D	Total/NA
Phenanthrene	0.12	J	0.38	0.038	mg/Kg	1	☼	8270D	Total/NA
Pyrene	0.20	J	0.38	0.038	mg/Kg	1	☼	8270D	Total/NA
Diesel Range Organics [C10-C28]	22		5.8	2.3	mg/Kg	1	☼	8015C	Total/NA

Client Sample ID: B-8 — Lab Sample ID: 400-184834-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	0.0017	J	0.0074	0.0015	mg/Kg	1	☼	8260B	Total/NA
Acenaphthene	0.24	J	2.3	0.23	mg/Kg	5	☼	8270D	Total/NA
Anthracene	0.64	J	2.3	0.23	mg/Kg	5	☼	8270D	Total/NA
Benzo[a]anthracene	2.0	J	2.3	0.23	mg/Kg	5	☼	8270D	Total/NA
Benzo[a]pyrene	1.8	J	2.3	0.23	mg/Kg	5	☼	8270D	Total/NA
Benzo[b]fluoranthene	2.5		2.3	0.23	mg/Kg	5	☼	8270D	Total/NA
Benzo[g,h,i]perylene	0.98	J	2.3	0.23	mg/Kg	5	☼	8270D	Total/NA
Benzo[k]fluoranthene	0.87	J	2.3	0.23	mg/Kg	5	☼	8270D	Total/NA
Carbazole	0.37	J	2.3	0.23	mg/Kg	5	☼	8270D	Total/NA
Chrysene	2.0	J	2.3	0.23	mg/Kg	5	☼	8270D	Total/NA
Dibenz(a,h)anthracene	0.55	J	2.3	0.23	mg/Kg	5	☼	8270D	Total/NA
Fluoranthene	4.9		2.3	0.23	mg/Kg	5	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	0.96	J	2.3	0.23	mg/Kg	5	☼	8270D	Total/NA
Phenanthrene	3.5		2.3	0.23	mg/Kg	5	☼	8270D	Total/NA
Pyrene	2.7		2.3	0.23	mg/Kg	5	☼	8270D	Total/NA
Diesel Range Organics [C10-C28]	84		7.1	2.9	mg/Kg	1	☼	8015C	Total/NA

Client Sample ID: B-9 — Lab Sample ID: 400-184834-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]pyrene	0.062	J	0.38	0.038	mg/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	0.062	J	0.38	0.038	mg/Kg	1	☼	8270D	Total/NA
Benzo[g,h,i]perylene	0.042	J	0.38	0.038	mg/Kg	1	☼	8270D	Total/NA
Bis(2-ethylhexyl) phthalate	0.15	J B	0.38	0.038	mg/Kg	1	☼	8270D	Total/NA
Di-n-butyl phthalate	0.043	J B	0.38	0.038	mg/Kg	1	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	0.053	J	0.38	0.038	mg/Kg	1	☼	8270D	Total/NA
Pyrene	0.039	J	0.38	0.038	mg/Kg	1	☼	8270D	Total/NA
Diesel Range Organics [C10-C28]	23		5.8	2.3	mg/Kg	1	☼	8015C	Total/NA

Client Sample ID: B-10 — Lab Sample ID: 400-184834-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	0.041	J	0.37	0.037	mg/Kg	1	☼	8270D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: B-10 (Continued) — Lab Sample ID: 400-184834-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]pyrene	0.073	J	0.37	0.037	mg/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	0.083	J	0.37	0.037	mg/Kg	1	☼	8270D	Total/NA
Benzo[g,h,i]perylene	0.048	J	0.37	0.037	mg/Kg	1	☼	8270D	Total/NA
Bis(2-ethylhexyl) phthalate	0.092	J B	0.37	0.037	mg/Kg	1	☼	8270D	Total/NA
Chrysene	0.075	J	0.37	0.037	mg/Kg	1	☼	8270D	Total/NA
Dibenz(a,h)anthracene	0.055	J	0.37	0.037	mg/Kg	1	☼	8270D	Total/NA
Di-n-butyl phthalate	0.039	J B	0.37	0.037	mg/Kg	1	☼	8270D	Total/NA
Fluoranthene	0.078	J	0.37	0.037	mg/Kg	1	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	0.055	J	0.37	0.037	mg/Kg	1	☼	8270D	Total/NA
Phenanthrene	0.075	J	0.37	0.037	mg/Kg	1	☼	8270D	Total/NA
Pyrene	0.078	J	0.37	0.037	mg/Kg	1	☼	8270D	Total/NA
Diesel Range Organics [C10-C28]	15		5.7	2.3	mg/Kg	1	☼	8015C	Total/NA

Client Sample ID: B-11 — Lab Sample ID: 400-184834-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	0.60	J	4.0	0.40	mg/Kg	10	☼	8270D	Total/NA
Benzo[a]pyrene	0.84	J	4.0	0.40	mg/Kg	10	☼	8270D	Total/NA
Benzo[b]fluoranthene	0.89	J	4.0	0.40	mg/Kg	10	☼	8270D	Total/NA
Benzo[g,h,i]perylene	0.54	J	4.0	0.40	mg/Kg	10	☼	8270D	Total/NA
Chrysene	0.49	J	4.0	0.40	mg/Kg	10	☼	8270D	Total/NA
Dibenz(a,h)anthracene	0.58	J	4.0	0.40	mg/Kg	10	☼	8270D	Total/NA
Fluoranthene	0.85	J	4.0	0.40	mg/Kg	10	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	0.66	J	4.0	0.40	mg/Kg	10	☼	8270D	Total/NA
Phenanthrene	0.55	J	4.0	0.40	mg/Kg	10	☼	8270D	Total/NA
Pyrene	0.89	J	4.0	0.40	mg/Kg	10	☼	8270D	Total/NA
Diesel Range Organics [C10-C28]	47		12	4.9	mg/Kg	2	☼	8015C	Total/NA

This Detection Summary does not include radiochemical test results.

Sample Summary

Client: SCS Engineers
Project/Site: Tidewater Gardens

Job ID: 400-184834-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
400-184834-1	B-1	Solid	03/02/20 13:21	03/04/20 09:30	
400-184834-2	B-2	Solid	03/02/20 14:29	03/04/20 09:30	
400-184834-3	B-3	Solid	03/03/20 08:39	03/04/20 09:30	
400-184834-4	B-4	Solid	03/02/20 08:50	03/04/20 09:30	
400-184834-5	B-5	Solid	03/02/20 10:12	03/04/20 09:30	
400-184834-6	B-6	Solid	03/02/20 11:10	03/04/20 09:30	
400-184834-7	B-7	Solid	03/02/20 12:18	03/04/20 09:30	
400-184834-8	B-8	Solid	03/03/20 10:01	03/04/20 09:30	
400-184834-9	B-9	Solid	03/03/20 11:03	03/04/20 09:30	
400-184834-10	B-10	Solid	03/03/20 12:11	03/04/20 09:30	
400-184834-11	B-11	Solid	03/02/20 16:00	03/04/20 09:30	

Client: SCS Engineers
Project/Site: Tidewater Gardens

Job ID: 400-184834-1

Client Sample ID: B-1
Date Collected: 03/02/20 13:21
Date Received: 03/04/20 09:30

Lab Sample ID: 400-184834-1
Matrix: Solid
Percent Solids: 80.8

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.0031		0.0063	0.0031	mg/Kg	☼	03/13/20 07:54	03/13/20 11:29	1
1,1,1-Trichloroethane	<0.0014		0.0063	0.0014	mg/Kg	☼	03/13/20 07:54	03/13/20 11:29	1
1,1,2,2-Tetrachloroethane	<0.0031		0.0063	0.0031	mg/Kg	☼	03/13/20 07:54	03/13/20 11:29	1
1,1,2-Trichloroethane	<0.0031		0.0063	0.0031	mg/Kg	☼	03/13/20 07:54	03/13/20 11:29	1
1,1-Dichloroethane	<0.0010		0.0063	0.0010	mg/Kg	☼	03/13/20 07:54	03/13/20 11:29	1
1,1-Dichloroethene	<0.0031		0.0063	0.0031	mg/Kg	☼	03/13/20 07:54	03/13/20 11:29	1
1,1-Dichloropropene	<0.0031		0.0063	0.0031	mg/Kg	☼	03/13/20 07:54	03/13/20 11:29	1
1,2,3-Trichlorobenzene	<0.0031		0.0063	0.0031	mg/Kg	☼	03/13/20 07:54	03/13/20 11:29	1
1,2,3-Trichloropropane	<0.0038		0.0063	0.0038	mg/Kg	☼	03/13/20 07:54	03/13/20 11:29	1
1,2,4-Trichlorobenzene	<0.0025		0.0063	0.0025	mg/Kg	☼	03/13/20 07:54	03/13/20 11:29	1
1,2,4-Trimethylbenzene	<0.0013		0.0063	0.0013	mg/Kg	☼	03/13/20 07:54	03/13/20 11:29	1
1,2-Dibromo-3-Chloropropane	<0.0041		0.0063	0.0041	mg/Kg	☼	03/13/20 07:54	03/13/20 11:29	1
1,2-Dichlorobenzene	<0.00089		0.0063	0.00089	mg/Kg	☼	03/13/20 07:54	03/13/20 11:29	1
1,2-Dichloroethane	<0.0010		0.0063	0.0010	mg/Kg	☼	03/13/20 07:54	03/13/20 11:29	1
1,2-Dichloropropane	<0.0031		0.0063	0.0031	mg/Kg	☼	03/13/20 07:54	03/13/20 11:29	1
1,3,5-Trimethylbenzene	<0.0010		0.0063	0.0010	mg/Kg	☼	03/13/20 07:54	03/13/20 11:29	1
1,3-Dichlorobenzene	<0.0012		0.0063	0.0012	mg/Kg	☼	03/13/20 07:54	03/13/20 11:29	1
1,3-Dichloropropane	<0.0013		0.0063	0.0013	mg/Kg	☼	03/13/20 07:54	03/13/20 11:29	1
1,4-Dichlorobenzene	<0.0031		0.0063	0.0031	mg/Kg	☼	03/13/20 07:54	03/13/20 11:29	1
2,2-Dichloropropane	<0.0031		0.0063	0.0031	mg/Kg	☼	03/13/20 07:54	03/13/20 11:29	1
2-Butanone (MEK)	<0.0075		0.031	0.0075	mg/Kg	☼	03/13/20 07:54	03/13/20 11:29	1
2-Chlorotoluene	<0.0031		0.0063	0.0031	mg/Kg	☼	03/13/20 07:54	03/13/20 11:29	1
2-Hexanone	<0.0063		0.031	0.0063	mg/Kg	☼	03/13/20 07:54	03/13/20 11:29	1
4-Chlorotoluene	<0.0012		0.0063	0.0012	mg/Kg	☼	03/13/20 07:54	03/13/20 11:29	1
4-Isopropyltoluene	<0.0013		0.0063	0.0013	mg/Kg	☼	03/13/20 07:54	03/13/20 11:29	1
4-Methyl-2-pentanone (MIBK)	<0.0063		0.031	0.0063	mg/Kg	☼	03/13/20 07:54	03/13/20 11:29	1
Acetone	<0.016		0.031	0.016	mg/Kg	☼	03/13/20 07:54	03/13/20 11:29	1
Benzene	<0.00084		0.0063	0.00084	mg/Kg	☼	03/13/20 07:54	03/13/20 11:29	1
Bromobenzene	<0.0016		0.0063	0.0016	mg/Kg	☼	03/13/20 07:54	03/13/20 11:29	1
Bromoform	<0.0031		0.0063	0.0031	mg/Kg	☼	03/13/20 07:54	03/13/20 11:29	1
Bromomethane	<0.0031		0.0063	0.0031	mg/Kg	☼	03/13/20 07:54	03/13/20 11:29	1
Carbon disulfide	<0.0031		0.0063	0.0031	mg/Kg	☼	03/13/20 07:54	03/13/20 11:29	1
Carbon tetrachloride	<0.0021		0.0063	0.0021	mg/Kg	☼	03/13/20 07:54	03/13/20 11:29	1
Chlorobenzene	<0.00065		0.0063	0.00065	mg/Kg	☼	03/13/20 07:54	03/13/20 11:29	1
Chlorobromomethane	<0.0031		0.0063	0.0031	mg/Kg	☼	03/13/20 07:54	03/13/20 11:29	1
Chlorodibromomethane	<0.0031		0.0063	0.0031	mg/Kg	☼	03/13/20 07:54	03/13/20 11:29	1
Chloroethane	<0.0031		0.0063	0.0031	mg/Kg	☼	03/13/20 07:54	03/13/20 11:29	1
Chloroform	<0.0031		0.0063	0.0031	mg/Kg	☼	03/13/20 07:54	03/13/20 11:29	1
Chloromethane	<0.0013		0.0063	0.0013	mg/Kg	☼	03/13/20 07:54	03/13/20 11:29	1
cis-1,2-Dichloroethene	<0.00095		0.0063	0.00095	mg/Kg	☼	03/13/20 07:54	03/13/20 11:29	1
cis-1,3-Dichloropropene	<0.0015		0.0063	0.0015	mg/Kg	☼	03/13/20 07:54	03/13/20 11:29	1
Dibromomethane	<0.0031		0.0063	0.0031	mg/Kg	☼	03/13/20 07:54	03/13/20 11:29	1
Dichlorobromomethane	<0.0031		0.0063	0.0031	mg/Kg	☼	03/13/20 07:54	03/13/20 11:29	1
Dichlorodifluoromethane	<0.0016		0.0063	0.0016	mg/Kg	☼	03/13/20 07:54	03/13/20 11:29	1
Ethylbenzene	<0.00076		0.0063	0.00076	mg/Kg	☼	03/13/20 07:54	03/13/20 11:29	1
Ethylene Dibromide	<0.0013		0.0063	0.0013	mg/Kg	☼	03/13/20 07:54	03/13/20 11:29	1
Hexachlorobutadiene	<0.0031		0.0063	0.0031	mg/Kg	☼	03/13/20 07:54	03/13/20 11:29	1
Iodomethane	<0.0043		0.0063	0.0043	mg/Kg	☼	03/13/20 07:54	03/13/20 11:29	1
Isopropyl ether	<0.00069		0.0063	0.00069	mg/Kg	☼	03/13/20 07:54	03/13/20 11:29	1

Client Sample ID: B-1
Date Collected: 03/02/20 13:21
Date Received: 03/04/20 09:30

Lab Sample ID: 400-184834-1
Matrix: Solid
Percent Solids: 80.8

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	<0.00085		0.0063	0.00085	mg/Kg	☼	03/13/20 07:54	03/13/20 11:29	1
Methyl tert-butyl ether	<0.0013		0.0063	0.0013	mg/Kg	☼	03/13/20 07:54	03/13/20 11:29	1
Methylene Chloride	<0.013		0.019	0.013	mg/Kg	☼	03/13/20 07:54	03/13/20 11:29	1
m-Xylene & p-Xylene	<0.0016		0.0063	0.0016	mg/Kg	☼	03/13/20 07:54	03/13/20 11:29	1
Naphthalene	<0.0025		0.0063	0.0025	mg/Kg	☼	03/13/20 07:54	03/13/20 11:29	1
n-Butylbenzene	<0.0012		0.0063	0.0012	mg/Kg	☼	03/13/20 07:54	03/13/20 11:29	1
N-Propylbenzene	<0.0011		0.0063	0.0011	mg/Kg	☼	03/13/20 07:54	03/13/20 11:29	1
o-Xylene	<0.0013		0.0063	0.0013	mg/Kg	☼	03/13/20 07:54	03/13/20 11:29	1
sec-Butylbenzene	<0.0012		0.0063	0.0012	mg/Kg	☼	03/13/20 07:54	03/13/20 11:29	1
Styrene	<0.0013		0.0063	0.0013	mg/Kg	☼	03/13/20 07:54	03/13/20 11:29	1
tert-Butylbenzene	<0.0031		0.0063	0.0031	mg/Kg	☼	03/13/20 07:54	03/13/20 11:29	1
Tetrachloroethene	<0.0031		0.0063	0.0031	mg/Kg	☼	03/13/20 07:54	03/13/20 11:29	1
Toluene	**0.0015**	**J**	0.0063	0.0013	mg/Kg	☼	03/13/20 07:54	03/13/20 11:29	1
trans-1,2-Dichloroethene	<0.0031		0.0063	0.0031	mg/Kg	☼	03/13/20 07:54	03/13/20 11:29	1
trans-1,3-Dichloropropene	<0.0031		0.0063	0.0031	mg/Kg	☼	03/13/20 07:54	03/13/20 11:29	1
Trichloroethene	<0.0013		0.0063	0.0013	mg/Kg	☼	03/13/20 07:54	03/13/20 11:29	1
Trichlorofluoromethane	<0.0031		0.0063	0.0031	mg/Kg	☼	03/13/20 07:54	03/13/20 11:29	1
Vinyl acetate	<0.011	F1	0.031	0.011	mg/Kg	☼	03/13/20 07:54	03/13/20 11:29	1
Vinyl chloride	<0.0031		0.0063	0.0031	mg/Kg	☼	03/13/20 07:54	03/13/20 11:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*108*		*67 - 130*	*03/13/20 07:54*	*03/13/20 11:29*	*1*
Dibromofluoromethane	*94*		*77 - 127*	*03/13/20 07:54*	*03/13/20 11:29*	*1*
Toluene-d8 (Surr)	*107*		*76 - 127*	*03/13/20 07:54*	*03/13/20 11:29*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	<0.41		4.1	0.41	mg/Kg	☼	03/10/20 11:52	03/12/20 20:25	10
1,2,4,5-Tetrachlorobenzene	<0.41		4.1	0.41	mg/Kg	☼	03/10/20 11:52	03/12/20 20:25	10
1,2,4-Trichlorobenzene	<0.41		4.1	0.41	mg/Kg	☼	03/10/20 11:52	03/12/20 20:25	10
1,2-Dichlorobenzene	<0.41		4.1	0.41	mg/Kg	☼	03/10/20 11:52	03/12/20 20:25	10
1,3-Dichlorobenzene	<0.41		4.1	0.41	mg/Kg	☼	03/10/20 11:52	03/12/20 20:25	10
1,3-Dinitrobenzene	<0.41		4.1	0.41	mg/Kg	☼	03/10/20 11:52	03/12/20 20:25	10
1,4-Dichlorobenzene	<0.41		4.1	0.41	mg/Kg	☼	03/10/20 11:52	03/12/20 20:25	10
1,4-Dioxane	<0.41		4.1	0.41	mg/Kg	☼	03/10/20 11:52	03/12/20 20:25	10
1-Methylnaphthalene	<0.41		4.1	0.41	mg/Kg	☼	03/10/20 11:52	03/12/20 20:25	10
2,2'-oxybis(1-chloropropane)	<0.41		4.1	0.41	mg/Kg	☼	03/10/20 11:52	03/12/20 20:25	10
2,3,4,6-Tetrachlorophenol	<0.41		4.1	0.41	mg/Kg	☼	03/10/20 11:52	03/12/20 20:25	10
2,4,5-Trichlorophenol	<0.41		4.1	0.41	mg/Kg	☼	03/10/20 11:52	03/12/20 20:25	10
2,4,6-Trichlorophenol	<0.41		4.1	0.41	mg/Kg	☼	03/10/20 11:52	03/12/20 20:25	10
2,4-Dichlorophenol	<0.41		4.1	0.41	mg/Kg	☼	03/10/20 11:52	03/12/20 20:25	10
2,4-Dimethylphenol	<0.41		4.1	0.41	mg/Kg	☼	03/10/20 11:52	03/12/20 20:25	10
2,4-Dinitrophenol	<3.6		12	3.6	mg/Kg	☼	03/10/20 11:52	03/12/20 20:25	10
2,4-Dinitrotoluene	<0.41		4.1	0.41	mg/Kg	☼	03/10/20 11:52	03/12/20 20:25	10
2,6-Dinitrotoluene	<0.41		4.1	0.41	mg/Kg	☼	03/10/20 11:52	03/12/20 20:25	10
2-Chloronaphthalene	<0.41		4.1	0.41	mg/Kg	☼	03/10/20 11:52	03/12/20 20:25	10
2-Chlorophenol	<0.41		4.1	0.41	mg/Kg	☼	03/10/20 11:52	03/12/20 20:25	10
2-Methylnaphthalene	<0.41		4.1	0.41	mg/Kg	☼	03/10/20 11:52	03/12/20 20:25	10
2-Methylphenol	<0.41		4.1	0.41	mg/Kg	☼	03/10/20 11:52	03/12/20 20:25	10
2-Nitroaniline	<0.41		4.1	0.41	mg/Kg	☼	03/10/20 11:52	03/12/20 20:25	10

Client: SCS Engineers
Project/Site: Tidewater Gardens

Job ID: 400-184834-1

Client Sample ID: B-1
Date Collected: 03/02/20 13:21
Date Received: 03/04/20 09:30

Lab Sample ID: 400-184834-1
Matrix: Solid
Percent Solids: 80.8

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitrophenol	<0.41		4.1	0.41	mg/Kg	☼	03/10/20 11:52	03/12/20 20:25	10
3 & 4 Methylphenol	<0.41		8.1	0.41	mg/Kg	☼	03/10/20 11:52	03/12/20 20:25	10
3,3'-Dichlorobenzidine	<0.41		4.1	0.41	mg/Kg	☼	03/10/20 11:52	03/12/20 20:25	10
3-Nitroaniline	<0.41		4.1	0.41	mg/Kg	☼	03/10/20 11:52	03/12/20 20:25	10
4,6-Dinitro-2-methylphenol	<0.41		4.1	0.41	mg/Kg	☼	03/10/20 11:52	03/12/20 20:25	10
4-Bromophenyl phenyl ether	<0.41		4.1	0.41	mg/Kg	☼	03/10/20 11:52	03/12/20 20:25	10
4-Chloro-3-methylphenol	<0.41		4.1	0.41	mg/Kg	☼	03/10/20 11:52	03/12/20 20:25	10
4-Chloroaniline	<0.41		4.1	0.41	mg/Kg	☼	03/10/20 11:52	03/12/20 20:25	10
4-Chlorophenyl phenyl ether	<0.41		4.1	0.41	mg/Kg	☼	03/10/20 11:52	03/12/20 20:25	10
4-Nitroaniline	<0.41		4.1	0.41	mg/Kg	☼	03/10/20 11:52	03/12/20 20:25	10
4-Nitrophenol	<1.4		4.1	1.4	mg/Kg	☼	03/10/20 11:52	03/12/20 20:25	10
Acenaphthene	<0.41		4.1	0.41	mg/Kg	☼	03/10/20 11:52	03/12/20 20:25	10
Acenaphthylene	<0.41		4.1	0.41	mg/Kg	☼	03/10/20 11:52	03/12/20 20:25	10
Acetophenone	<0.41		4.1	0.41	mg/Kg	☼	03/10/20 11:52	03/12/20 20:25	10
Aniline	<0.53		4.1	0.53	mg/Kg	☼	03/10/20 11:52	03/12/20 20:25	10
Anthracene	**0.44**	**J**	4.1	0.41	mg/Kg	☼	03/10/20 11:52	03/12/20 20:25	10
Atrazine	<0.41		4.1	0.41	mg/Kg	☼	03/10/20 11:52	03/13/20 10:16	10
Azobenzene	<0.41		4.1	0.41	mg/Kg	☼	03/10/20 11:52	03/12/20 20:25	10
Benzaldehyde	<0.41		4.1	0.41	mg/Kg	☼	03/10/20 11:52	03/13/20 10:16	10
Benzidine	<1.2		12	1.2	mg/Kg	☼	03/10/20 11:52	03/12/20 20:25	10
Benzo[a]anthracene	**3.3**	**J**	4.1	0.41	mg/Kg	☼	03/10/20 11:52	03/12/20 20:25	10
Benzo[a]pyrene	**3.9**	**J**	4.1	0.41	mg/Kg	☼	03/10/20 11:52	03/12/20 20:25	10
Benzo[b]fluoranthene	**5.6**		4.1	0.41	mg/Kg	☼	03/10/20 11:52	03/12/20 20:25	10
Benzo[g,h,i]perylene	**2.1**	**J**	4.1	0.41	mg/Kg	☼	03/10/20 11:52	03/12/20 20:25	10
Benzo[k]fluoranthene	**1.7**	**J**	4.1	0.41	mg/Kg	☼	03/10/20 11:52	03/12/20 20:25	10
Benzoic acid	<4.3		12	4.3	mg/Kg	☼	03/10/20 11:52	03/13/20 10:16	10
Benzyl alcohol	<0.41		4.1	0.41	mg/Kg	☼	03/10/20 11:52	03/12/20 20:25	10
Bis(2-chloroethoxy)methane	<0.41		4.1	0.41	mg/Kg	☼	03/10/20 11:52	03/12/20 20:25	10
Bis(2-chloroethyl)ether	<0.41		4.1	0.41	mg/Kg	☼	03/10/20 11:52	03/12/20 20:25	10
Bis(2-ethylhexyl) phthalate	<0.41		4.1	0.41	mg/Kg	☼	03/10/20 11:52	03/12/20 20:25	10
Butyl benzyl phthalate	<0.41		4.1	0.41	mg/Kg	☼	03/10/20 11:52	03/12/20 20:25	10
Caprolactam	<0.41		4.1	0.41	mg/Kg	☼	03/10/20 11:52	03/13/20 10:16	10
Carbazole	<0.41		4.1	0.41	mg/Kg	☼	03/10/20 11:52	03/12/20 20:25	10
Chrysene	**3.8**	**J**	4.1	0.41	mg/Kg	☼	03/10/20 11:52	03/12/20 20:25	10
Dibenz(a,h)anthracene	**1.1**	**J**	4.1	0.41	mg/Kg	☼	03/10/20 11:52	03/12/20 20:25	10
Dibenzofuran	<0.41		4.1	0.41	mg/Kg	☼	03/10/20 11:52	03/12/20 20:25	10
Diethyl phthalate	<0.41		4.1	0.41	mg/Kg	☼	03/10/20 11:52	03/12/20 20:25	10
Dimethyl phthalate	<0.41		4.1	0.41	mg/Kg	☼	03/10/20 11:52	03/12/20 20:25	10
Di-n-butyl phthalate	<0.41		4.1	0.41	mg/Kg	☼	03/10/20 11:52	03/12/20 20:25	10
Di-n-octyl phthalate	<0.41		4.1	0.41	mg/Kg	☼	03/10/20 11:52	03/12/20 20:25	10
Fluoranthene	**5.3**		4.1	0.41	mg/Kg	☼	03/10/20 11:52	03/12/20 20:25	10
Fluorene	<0.41		4.1	0.41	mg/Kg	☼	03/10/20 11:52	03/12/20 20:25	10
Hexachlorobenzene	<1.2		4.1	1.2	mg/Kg	☼	03/10/20 11:52	03/12/20 20:25	10
Hexachlorobutadiene	<0.41		4.1	0.41	mg/Kg	☼	03/10/20 11:52	03/12/20 20:25	10
Hexachlorocyclopentadiene	<0.81		4.1	0.81	mg/Kg	☼	03/10/20 11:52	03/12/20 20:25	10
Hexachloroethane	<1.2		4.1	1.2	mg/Kg	☼	03/10/20 11:52	03/12/20 20:25	10
Hexadecane	<0.41		4.1	0.41	mg/Kg	☼	03/10/20 11:52	03/12/20 20:25	10
Indeno[1,2,3-cd]pyrene	**2.1**	**J**	4.1	0.41	mg/Kg	☼	03/10/20 11:52	03/12/20 20:25	10
Isophorone	<0.41		4.1	0.41	mg/Kg	☼	03/10/20 11:52	03/12/20 20:25	10

Client: SCS Engineers
Project/Site: Tidewater Gardens

Job ID: 400-184834-1

Client Sample ID: B-1
Date Collected: 03/02/20 13:21
Date Received: 03/04/20 09:30

Lab Sample ID: 400-184834-1
Matrix: Solid
Percent Solids: 80.8

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	<0.41		4.1	0.41	mg/Kg	☼	03/10/20 11:52	03/12/20 20:25	10
n-Decane	<0.41		4.1	0.41	mg/Kg	☼	03/10/20 11:52	03/12/20 20:25	10
Nitrobenzene	<0.41		4.1	0.41	mg/Kg	☼	03/10/20 11:52	03/12/20 20:25	10
N-Nitrosodimethylamine	<0.81		4.1	0.81	mg/Kg	☼	03/10/20 11:52	03/12/20 20:25	10
N-Nitrosodi-n-propylamine	<1.4		4.1	1.4	mg/Kg	☼	03/10/20 11:52	03/12/20 20:25	10
N-Nitrosodiphenylamine	<0.41		4.1	0.41	mg/Kg	☼	03/10/20 11:52	03/12/20 20:25	10
n-Octadecane	<0.41		4.1	0.41	mg/Kg	☼	03/10/20 11:52	03/12/20 20:25	10
Pentachlorophenol	<0.81		8.1	0.81	mg/Kg	☼	03/10/20 11:52	03/12/20 20:25	10
Phenanthrene	**2.3**	**J**	4.1	0.41	mg/Kg	☼	03/10/20 11:52	03/12/20 20:25	10
Phenol	<0.41		4.1	0.41	mg/Kg	☼	03/10/20 11:52	03/12/20 20:25	10
Pyrene	**3.6**	**J**	4.1	0.41	mg/Kg	☼	03/10/20 11:52	03/13/20 10:16	10
Pyridine	<1.8		4.1	1.8	mg/Kg	☼	03/10/20 11:52	03/12/20 20:25	10
Sulfolane	<0.41		4.1	0.41	mg/Kg	☼	03/10/20 11:52	03/13/20 10:16	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*87*		*10 - 150*	*03/10/20 11:52*	*03/12/20 20:25*	*10*
2-Fluorobiphenyl	*60*		*27 - 127*	*03/10/20 11:52*	*03/12/20 20:25*	*10*
2-Fluorophenol (Surr)	*39*		*25 - 128*	*03/10/20 11:52*	*03/12/20 20:25*	*10*
Nitrobenzene-d5 (Surr)	*54*		*15 - 136*	*03/10/20 11:52*	*03/12/20 20:25*	*10*
Phenol-d5 (Surr)	*58*		*29 - 130*	*03/10/20 11:52*	*03/12/20 20:25*	*10*
Terphenyl-d14 (Surr)	*72*		*24 - 146*	*03/10/20 11:52*	*03/12/20 20:25*	*10*

Method: 8015C - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO) -C6-C10	<3.5		7.1	3.5	mg/Kg	☼	03/05/20 13:10	03/08/20 17:00	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene (fid)	*102*		*65 - 125*	*03/05/20 13:10*	*03/08/20 17:00*	*50*

Method: 8015C - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**350**	**B**	31	12	mg/Kg	☼	03/05/20 07:52	03/10/20 03:24	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*75*		*27 - 151*	*03/05/20 07:52*	*03/10/20 03:24*	*5*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**19.2**		0.01		%			03/06/20 10:45	1

Client: SCS Engineers
Project/Site: Tidewater Gardens

Job ID: 400-184834-1

Client Sample ID: B-2
Date Collected: 03/02/20 14:29
Date Received: 03/04/20 09:30

Lab Sample ID: 400-184834-2
Matrix: Solid
Percent Solids: 83.3

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.0030		0.0059	0.0030	mg/Kg	☼	03/13/20 07:54	03/13/20 11:58	1
1,1,1-Trichloroethane	<0.0013		0.0059	0.0013	mg/Kg	☼	03/13/20 07:54	03/13/20 11:58	1
1,1,2,2-Tetrachloroethane	<0.0030		0.0059	0.0030	mg/Kg	☼	03/13/20 07:54	03/13/20 11:58	1
1,1,2-Trichloroethane	<0.0030		0.0059	0.0030	mg/Kg	☼	03/13/20 07:54	03/13/20 11:58	1
1,1-Dichloroethane	<0.00099		0.0059	0.00099	mg/Kg	☼	03/13/20 07:54	03/13/20 11:58	1
1,1-Dichloroethene	<0.0030		0.0059	0.0030	mg/Kg	☼	03/13/20 07:54	03/13/20 11:58	1
1,1-Dichloropropene	<0.0030		0.0059	0.0030	mg/Kg	☼	03/13/20 07:54	03/13/20 11:58	1
1,2,3-Trichlorobenzene	<0.0030		0.0059	0.0030	mg/Kg	☼	03/13/20 07:54	03/13/20 11:58	1
1,2,3-Trichloropropane	<0.0036		0.0059	0.0036	mg/Kg	☼	03/13/20 07:54	03/13/20 11:58	1
1,2,4-Trichlorobenzene	<0.0024		0.0059	0.0024	mg/Kg	☼	03/13/20 07:54	03/13/20 11:58	1
1,2,4-Trimethylbenzene	<0.0012		0.0059	0.0012	mg/Kg	☼	03/13/20 07:54	03/13/20 11:58	1
1,2-Dibromo-3-Chloropropane	<0.0039		0.0059	0.0039	mg/Kg	☼	03/13/20 07:54	03/13/20 11:58	1
1,2-Dichlorobenzene	<0.00084		0.0059	0.00084	mg/Kg	☼	03/13/20 07:54	03/13/20 11:58	1
1,2-Dichloroethane	<0.00097		0.0059	0.00097	mg/Kg	☼	03/13/20 07:54	03/13/20 11:58	1
1,2-Dichloropropane	<0.0030		0.0059	0.0030	mg/Kg	☼	03/13/20 07:54	03/13/20 11:58	1
1,3,5-Trimethylbenzene	<0.00099		0.0059	0.00099	mg/Kg	☼	03/13/20 07:54	03/13/20 11:58	1
1,3-Dichlorobenzene	<0.0011		0.0059	0.0011	mg/Kg	☼	03/13/20 07:54	03/13/20 11:58	1
1,3-Dichloropropane	<0.0012		0.0059	0.0012	mg/Kg	☼	03/13/20 07:54	03/13/20 11:58	1
1,4-Dichlorobenzene	<0.0030		0.0059	0.0030	mg/Kg	☼	03/13/20 07:54	03/13/20 11:58	1
2,2-Dichloropropane	<0.0030		0.0059	0.0030	mg/Kg	☼	03/13/20 07:54	03/13/20 11:58	1
2-Butanone (MEK)	<0.0071		0.030	0.0071	mg/Kg	☼	03/13/20 07:54	03/13/20 11:58	1
2-Chlorotoluene	<0.0030		0.0059	0.0030	mg/Kg	☼	03/13/20 07:54	03/13/20 11:58	1
2-Hexanone	<0.0059		0.030	0.0059	mg/Kg	☼	03/13/20 07:54	03/13/20 11:58	1
4-Chlorotoluene	<0.0012		0.0059	0.0012	mg/Kg	☼	03/13/20 07:54	03/13/20 11:58	1
4-Isopropyltoluene	<0.0012		0.0059	0.0012	mg/Kg	☼	03/13/20 07:54	03/13/20 11:58	1
4-Methyl-2-pentanone (MIBK)	<0.0059		0.030	0.0059	mg/Kg	☼	03/13/20 07:54	03/13/20 11:58	1
Acetone	<0.015		0.030	0.015	mg/Kg	☼	03/13/20 07:54	03/13/20 11:58	1
Benzene	<0.00080		0.0059	0.00080	mg/Kg	☼	03/13/20 07:54	03/13/20 11:58	1
Bromobenzene	<0.0015		0.0059	0.0015	mg/Kg	☼	03/13/20 07:54	03/13/20 11:58	1
Bromoform	<0.0030		0.0059	0.0030	mg/Kg	☼	03/13/20 07:54	03/13/20 11:58	1
Bromomethane	<0.0030		0.0059	0.0030	mg/Kg	☼	03/13/20 07:54	03/13/20 11:58	1
Carbon disulfide	<0.0030		0.0059	0.0030	mg/Kg	☼	03/13/20 07:54	03/13/20 11:58	1
Carbon tetrachloride	<0.0020		0.0059	0.0020	mg/Kg	☼	03/13/20 07:54	03/13/20 11:58	1
Chlorobenzene	<0.00062		0.0059	0.00062	mg/Kg	☼	03/13/20 07:54	03/13/20 11:58	1
Chlorobromomethane	<0.0030		0.0059	0.0030	mg/Kg	☼	03/13/20 07:54	03/13/20 11:58	1
Chlorodibromomethane	<0.0030		0.0059	0.0030	mg/Kg	☼	03/13/20 07:54	03/13/20 11:58	1
Chloroethane	<0.0030		0.0059	0.0030	mg/Kg	☼	03/13/20 07:54	03/13/20 11:58	1
Chloroform	<0.0030		0.0059	0.0030	mg/Kg	☼	03/13/20 07:54	03/13/20 11:58	1
Chloromethane	<0.0012		0.0059	0.0012	mg/Kg	☼	03/13/20 07:54	03/13/20 11:58	1
cis-1,2-Dichloroethene	<0.00090		0.0059	0.00090	mg/Kg	☼	03/13/20 07:54	03/13/20 11:58	1
cis-1,3-Dichloropropene	<0.0014		0.0059	0.0014	mg/Kg	☼	03/13/20 07:54	03/13/20 11:58	1
Dibromomethane	<0.0030		0.0059	0.0030	mg/Kg	☼	03/13/20 07:54	03/13/20 11:58	1
Dichlorobromomethane	<0.0030		0.0059	0.0030	mg/Kg	☼	03/13/20 07:54	03/13/20 11:58	1
Dichlorodifluoromethane	<0.0015		0.0059	0.0015	mg/Kg	☼	03/13/20 07:54	03/13/20 11:58	1
Ethylbenzene	<0.00073		0.0059	0.00073	mg/Kg	☼	03/13/20 07:54	03/13/20 11:58	1
Ethylene Dibromide	<0.0012		0.0059	0.0012	mg/Kg	☼	03/13/20 07:54	03/13/20 11:58	1
Hexachlorobutadiene	<0.0030		0.0059	0.0030	mg/Kg	☼	03/13/20 07:54	03/13/20 11:58	1
Iodomethane	<0.0040		0.0059	0.0040	mg/Kg	☼	03/13/20 07:54	03/13/20 11:58	1
Isopropyl ether	<0.00065		0.0059	0.00065	mg/Kg	☼	03/13/20 07:54	03/13/20 11:58	1

Client Sample ID: B-2
Date Collected: 03/02/20 14:29
Date Received: 03/04/20 09:30

Lab Sample ID: 400-184834-2
Matrix: Solid
Percent Solids: 83.3

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	<0.00081		0.0059	0.00081	mg/Kg	☼	03/13/20 07:54	03/13/20 11:58	1
Methyl tert-butyl ether	<0.0012		0.0059	0.0012	mg/Kg	☼	03/13/20 07:54	03/13/20 11:58	1
Methylene Chloride	<0.012		0.018	0.012	mg/Kg	☼	03/13/20 07:54	03/13/20 11:58	1
m-Xylene & p-Xylene	<0.0015		0.0059	0.0015	mg/Kg	☼	03/13/20 07:54	03/13/20 11:58	1
Naphthalene	<0.0024		0.0059	0.0024	mg/Kg	☼	03/13/20 07:54	03/13/20 11:58	1
n-Butylbenzene	<0.0011		0.0059	0.0011	mg/Kg	☼	03/13/20 07:54	03/13/20 11:58	1
N-Propylbenzene	<0.0011		0.0059	0.0011	mg/Kg	☼	03/13/20 07:54	03/13/20 11:58	1
o-Xylene	<0.0012		0.0059	0.0012	mg/Kg	☼	03/13/20 07:54	03/13/20 11:58	1
sec-Butylbenzene	<0.0011		0.0059	0.0011	mg/Kg	☼	03/13/20 07:54	03/13/20 11:58	1
Styrene	<0.0012		0.0059	0.0012	mg/Kg	☼	03/13/20 07:54	03/13/20 11:58	1
tert-Butylbenzene	<0.0030		0.0059	0.0030	mg/Kg	☼	03/13/20 07:54	03/13/20 11:58	1
Tetrachloroethene	<0.0030		0.0059	0.0030	mg/Kg	☼	03/13/20 07:54	03/13/20 11:58	1
Toluene	<0.0012		0.0059	0.0012	mg/Kg	☼	03/13/20 07:54	03/13/20 11:58	1
trans-1,2-Dichloroethene	<0.0030		0.0059	0.0030	mg/Kg	☼	03/13/20 07:54	03/13/20 11:58	1
trans-1,3-Dichloropropene	<0.0030		0.0059	0.0030	mg/Kg	☼	03/13/20 07:54	03/13/20 11:58	1
Trichloroethene	<0.0012		0.0059	0.0012	mg/Kg	☼	03/13/20 07:54	03/13/20 11:58	1
Trichlorofluoromethane	<0.0030		0.0059	0.0030	mg/Kg	☼	03/13/20 07:54	03/13/20 11:58	1
Vinyl acetate	<0.011		0.030	0.011	mg/Kg	☼	03/13/20 07:54	03/13/20 11:58	1
Vinyl chloride	<0.0030		0.0059	0.0030	mg/Kg	☼	03/13/20 07:54	03/13/20 11:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*107*		*67 - 130*	*03/13/20 07:54*	*03/13/20 11:58*	*1*
Dibromofluoromethane	*93*		*77 - 127*	*03/13/20 07:54*	*03/13/20 11:58*	*1*
Toluene-d8 (Surr)	*107*		*76 - 127*	*03/13/20 07:54*	*03/13/20 11:58*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	<0.039		0.39	0.039	mg/Kg	☼	03/10/20 11:52	03/12/20 16:58	1
1,2,4,5-Tetrachlorobenzene	<0.039		0.39	0.039	mg/Kg	☼	03/10/20 11:52	03/12/20 16:58	1
1,2,4-Trichlorobenzene	<0.039		0.39	0.039	mg/Kg	☼	03/10/20 11:52	03/12/20 16:58	1
1,2-Dichlorobenzene	<0.039		0.39	0.039	mg/Kg	☼	03/10/20 11:52	03/12/20 16:58	1
1,3-Dichlorobenzene	<0.039		0.39	0.039	mg/Kg	☼	03/10/20 11:52	03/12/20 16:58	1
1,3-Dinitrobenzene	<0.039		0.39	0.039	mg/Kg	☼	03/10/20 11:52	03/12/20 16:58	1
1,4-Dichlorobenzene	<0.039		0.39	0.039	mg/Kg	☼	03/10/20 11:52	03/12/20 16:58	1
1,4-Dioxane	<0.039		0.39	0.039	mg/Kg	☼	03/10/20 11:52	03/12/20 16:58	1
1-Methylnaphthalene	**0.046**	**J**	0.39	0.039	mg/Kg	☼	03/10/20 11:52	03/12/20 16:58	1
2,2'-oxybis(1-chloropropane)	<0.039		0.39	0.039	mg/Kg	☼	03/10/20 11:52	03/12/20 16:58	1
2,3,4,6-Tetrachlorophenol	<0.039		0.39	0.039	mg/Kg	☼	03/10/20 11:52	03/12/20 16:58	1
2,4,5-Trichlorophenol	<0.039		0.39	0.039	mg/Kg	☼	03/10/20 11:52	03/12/20 16:58	1
2,4,6-Trichlorophenol	<0.039		0.39	0.039	mg/Kg	☼	03/10/20 11:52	03/12/20 16:58	1
2,4-Dichlorophenol	<0.039		0.39	0.039	mg/Kg	☼	03/10/20 11:52	03/12/20 16:58	1
2,4-Dimethylphenol	<0.039		0.39	0.039	mg/Kg	☼	03/10/20 11:52	03/12/20 16:58	1
2,4-Dinitrophenol	<0.35		1.2	0.35	mg/Kg	☼	03/10/20 11:52	03/12/20 16:58	1
2,4-Dinitrotoluene	<0.039		0.39	0.039	mg/Kg	☼	03/10/20 11:52	03/12/20 16:58	1
2,6-Dinitrotoluene	<0.039		0.39	0.039	mg/Kg	☼	03/10/20 11:52	03/12/20 16:58	1
2-Chloronaphthalene	<0.039		0.39	0.039	mg/Kg	☼	03/10/20 11:52	03/12/20 16:58	1
2-Chlorophenol	<0.039		0.39	0.039	mg/Kg	☼	03/10/20 11:52	03/12/20 16:58	1
2-Methylnaphthalene	**0.066**	**J**	0.39	0.039	mg/Kg	☼	03/10/20 11:52	03/12/20 16:58	1
2-Methylphenol	<0.039		0.39	0.039	mg/Kg	☼	03/10/20 11:52	03/12/20 16:58	1
2-Nitroaniline	<0.039		0.39	0.039	mg/Kg	☼	03/10/20 11:52	03/12/20 16:58	1

Client: SCS Engineers
Project/Site: Tidewater Gardens

Job ID: 400-184834-1

Client Sample ID: B-2
Date Collected: 03/02/20 14:29
Date Received: 03/04/20 09:30

Lab Sample ID: 400-184834-2
Matrix: Solid
Percent Solids: 83.3

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitrophenol	<0.039		0.39	0.039	mg/Kg	☼	03/10/20 11:52	03/12/20 16:58	1
3 & 4 Methylphenol	<0.039		0.79	0.039	mg/Kg	☼	03/10/20 11:52	03/12/20 16:58	1
3,3'-Dichlorobenzidine	<0.039		0.39	0.039	mg/Kg	☼	03/10/20 11:52	03/12/20 16:58	1
3-Nitroaniline	<0.039		0.39	0.039	mg/Kg	☼	03/10/20 11:52	03/12/20 16:58	1
4,6-Dinitro-2-methylphenol	<0.039		0.39	0.039	mg/Kg	☼	03/10/20 11:52	03/12/20 16:58	1
4-Bromophenyl phenyl ether	<0.039		0.39	0.039	mg/Kg	☼	03/10/20 11:52	03/12/20 16:58	1
4-Chloro-3-methylphenol	<0.039		0.39	0.039	mg/Kg	☼	03/10/20 11:52	03/12/20 16:58	1
4-Chloroaniline	<0.039		0.39	0.039	mg/Kg	☼	03/10/20 11:52	03/12/20 16:58	1
4-Chlorophenyl phenyl ether	<0.039		0.39	0.039	mg/Kg	☼	03/10/20 11:52	03/12/20 16:58	1
4-Nitroaniline	<0.039		0.39	0.039	mg/Kg	☼	03/10/20 11:52	03/12/20 16:58	1
4-Nitrophenol	<0.13		0.39	0.13	mg/Kg	☼	03/10/20 11:52	03/12/20 16:58	1
Acenaphthene	**0.045**	**J**	0.39	0.039	mg/Kg	☼	03/10/20 11:52	03/12/20 16:58	1
Acenaphthylene	<0.039		0.39	0.039	mg/Kg	☼	03/10/20 11:52	03/12/20 16:58	1
Acetophenone	<0.039		0.39	0.039	mg/Kg	☼	03/10/20 11:52	03/12/20 16:58	1
Aniline	<0.051		0.39	0.051	mg/Kg	☼	03/10/20 11:52	03/12/20 16:58	1
Anthracene	**0.12**	**J**	0.39	0.039	mg/Kg	☼	03/10/20 11:52	03/12/20 16:58	1
Atrazine	<0.039		0.39	0.039	mg/Kg	☼	03/10/20 11:52	03/13/20 10:38	1
Azobenzene	<0.039		0.39	0.039	mg/Kg	☼	03/10/20 11:52	03/12/20 16:58	1
Benzaldehyde	<0.039		0.39	0.039	mg/Kg	☼	03/10/20 11:52	03/13/20 10:38	1
Benzidine	<0.12		1.2	0.12	mg/Kg	☼	03/10/20 11:52	03/12/20 16:58	1
Benzo[a]anthracene	**0.45**		0.39	0.039	mg/Kg	☼	03/10/20 11:52	03/12/20 16:58	1
Benzo[a]pyrene	**0.45**		0.39	0.039	mg/Kg	☼	03/10/20 11:52	03/12/20 16:58	1
Benzo[b]fluoranthene	**0.66**		0.39	0.039	mg/Kg	☼	03/10/20 11:52	03/12/20 16:58	1
Benzo[g,h,i]perylene	**0.27**	**J**	0.39	0.039	mg/Kg	☼	03/10/20 11:52	03/12/20 16:58	1
Benzo[k]fluoranthene	**0.27**	**J**	0.39	0.039	mg/Kg	☼	03/10/20 11:52	03/12/20 16:58	1
Benzoic acid	<0.42		1.2	0.42	mg/Kg	☼	03/10/20 11:52	03/13/20 10:38	1
Benzyl alcohol	<0.039		0.39	0.039	mg/Kg	☼	03/10/20 11:52	03/12/20 16:58	1
Bis(2-chloroethoxy)methane	<0.039		0.39	0.039	mg/Kg	☼	03/10/20 11:52	03/12/20 16:58	1
Bis(2-chloroethyl)ether	<0.039		0.39	0.039	mg/Kg	☼	03/10/20 11:52	03/12/20 16:58	1
Bis(2-ethylhexyl) phthalate	**0.14**	**J B**	0.39	0.039	mg/Kg	☼	03/10/20 11:52	03/12/20 16:58	1
Butyl benzyl phthalate	<0.039		0.39	0.039	mg/Kg	☼	03/10/20 11:52	03/12/20 16:58	1
Caprolactam	<0.039		0.39	0.039	mg/Kg	☼	03/10/20 11:52	03/13/20 10:38	1
Carbazole	**0.073**	**J**	0.39	0.039	mg/Kg	☼	03/10/20 11:52	03/12/20 16:58	1
Chrysene	**0.52**		0.39	0.039	mg/Kg	☼	03/10/20 11:52	03/12/20 16:58	1
Dibenz(a,h)anthracene	**0.11**	**J**	0.39	0.039	mg/Kg	☼	03/10/20 11:52	03/12/20 16:58	1
Dibenzofuran	<0.039		0.39	0.039	mg/Kg	☼	03/10/20 11:52	03/12/20 16:58	1
Diethyl phthalate	<0.039		0.39	0.039	mg/Kg	☼	03/10/20 11:52	03/12/20 16:58	1
Dimethyl phthalate	<0.039		0.39	0.039	mg/Kg	☼	03/10/20 11:52	03/12/20 16:58	1
Di-n-butyl phthalate	**0.053**	**J B**	0.39	0.039	mg/Kg	☼	03/10/20 11:52	03/12/20 16:58	1
Di-n-octyl phthalate	<0.039		0.39	0.039	mg/Kg	☼	03/10/20 11:52	03/12/20 16:58	1
Fluoranthene	**0.88**		0.39	0.039	mg/Kg	☼	03/10/20 11:52	03/12/20 16:58	1
Fluorene	<0.039		0.39	0.039	mg/Kg	☼	03/10/20 11:52	03/12/20 16:58	1
Hexachlorobenzene	<0.12		0.39	0.12	mg/Kg	☼	03/10/20 11:52	03/12/20 16:58	1
Hexachlorobutadiene	<0.039		0.39	0.039	mg/Kg	☼	03/10/20 11:52	03/12/20 16:58	1
Hexachlorocyclopentadiene	<0.079		0.39	0.079	mg/Kg	☼	03/10/20 11:52	03/12/20 16:58	1
Hexachloroethane	<0.12		0.39	0.12	mg/Kg	☼	03/10/20 11:52	03/12/20 16:58	1
Hexadecane	**0.041**	**J**	0.39	0.039	mg/Kg	☼	03/10/20 11:52	03/12/20 16:58	1
Indeno[1,2,3-cd]pyrene	**0.25**	**J**	0.39	0.039	mg/Kg	☼	03/10/20 11:52	03/12/20 16:58	1
Isophorone	<0.039		0.39	0.039	mg/Kg	☼	03/10/20 11:52	03/12/20 16:58	1

Client Sample ID: B-2
Date Collected: 03/02/20 14:29
Date Received: 03/04/20 09:30

Lab Sample ID: 400-184834-2
Matrix: Solid
Percent Solids: 83.3

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	**0.045**	**J**	0.39	0.039	mg/Kg	☼	03/10/20 11:52	03/12/20 16:58	1
n-Decane	<0.039		0.39	0.039	mg/Kg	☼	03/10/20 11:52	03/12/20 16:58	1
Nitrobenzene	<0.039		0.39	0.039	mg/Kg	☼	03/10/20 11:52	03/12/20 16:58	1
N-Nitrosodimethylamine	<0.079		0.39	0.079	mg/Kg	☼	03/10/20 11:52	03/12/20 16:58	1
N-Nitrosodi-n-propylamine	<0.13		0.39	0.13	mg/Kg	☼	03/10/20 11:52	03/12/20 16:58	1
N-Nitrosodiphenylamine	<0.039		0.39	0.039	mg/Kg	☼	03/10/20 11:52	03/12/20 16:58	1
n-Octadecane	**0.059**	**J**	0.39	0.039	mg/Kg	☼	03/10/20 11:52	03/12/20 16:58	1
Pentachlorophenol	<0.079		0.79	0.079	mg/Kg	☼	03/10/20 11:52	03/12/20 16:58	1
Phenanthrene	**0.52**		0.39	0.039	mg/Kg	☼	03/10/20 11:52	03/12/20 16:58	1
Phenol	<0.039		0.39	0.039	mg/Kg	☼	03/10/20 11:52	03/12/20 16:58	1
Pyrene	**0.60**		0.39	0.039	mg/Kg	☼	03/10/20 11:52	03/13/20 10:38	1
Pyridine	<0.18		0.39	0.18	mg/Kg	☼	03/10/20 11:52	03/12/20 16:58	1
Sulfolane	<0.039		0.39	0.039	mg/Kg	☼	03/10/20 11:52	03/13/20 10:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*77*		*10 - 150*	*03/10/20 11:52*	*03/12/20 16:58*	*1*
2-Fluorobiphenyl	*68*		*27 - 127*	*03/10/20 11:52*	*03/12/20 16:58*	*1*
2-Fluorophenol (Surr)	*64*		*25 - 128*	*03/10/20 11:52*	*03/12/20 16:58*	*1*
Nitrobenzene-d5 (Surr)	*67*		*15 - 136*	*03/10/20 11:52*	*03/12/20 16:58*	*1*
Phenol-d5 (Surr)	*71*		*29 - 130*	*03/10/20 11:52*	*03/12/20 16:58*	*1*
Terphenyl-d14 (Surr)	*80*		*24 - 146*	*03/10/20 11:52*	*03/12/20 16:58*	*1*

Method: 8015C - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO) -C6-C10	<3.6		7.2	3.6	mg/Kg	☼	03/05/20 13:10	03/08/20 18:30	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene (fid)	*106*		*65 - 125*	*03/05/20 13:10*	*03/08/20 18:30*	*50*

Method: 8015C - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**11**		5.7	2.3	mg/Kg	☼	03/10/20 10:24	03/12/20 22:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*76*		*27 - 151*	*03/10/20 10:24*	*03/12/20 22:56*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**16.7**		0.01		%			03/06/20 10:45	1

Client: SCS Engineers
Project/Site: Tidewater Gardens

Job ID: 400-184834-1

Client Sample ID: B-3
Date Collected: 03/03/20 08:39
Date Received: 03/04/20 09:30

Lab Sample ID: 400-184834-3
Matrix: Solid
Percent Solids: 90.2

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.0027		0.0053	0.0027	mg/Kg	☼	03/13/20 07:54	03/13/20 12:28	1
1,1,1-Trichloroethane	<0.0012		0.0053	0.0012	mg/Kg	☼	03/13/20 07:54	03/13/20 12:28	1
1,1,2,2-Tetrachloroethane	<0.0027		0.0053	0.0027	mg/Kg	☼	03/13/20 07:54	03/13/20 12:28	1
1,1,2-Trichloroethane	<0.0027		0.0053	0.0027	mg/Kg	☼	03/13/20 07:54	03/13/20 12:28	1
1,1-Dichloroethane	<0.00088		0.0053	0.00088	mg/Kg	☼	03/13/20 07:54	03/13/20 12:28	1
1,1-Dichloroethene	<0.0027		0.0053	0.0027	mg/Kg	☼	03/13/20 07:54	03/13/20 12:28	1
1,1-Dichloropropene	<0.0027		0.0053	0.0027	mg/Kg	☼	03/13/20 07:54	03/13/20 12:28	1
1,2,3-Trichlorobenzene	<0.0027		0.0053	0.0027	mg/Kg	☼	03/13/20 07:54	03/13/20 12:28	1
1,2,3-Trichloropropane	<0.0032		0.0053	0.0032	mg/Kg	☼	03/13/20 07:54	03/13/20 12:28	1
1,2,4-Trichlorobenzene	<0.0021		0.0053	0.0021	mg/Kg	☼	03/13/20 07:54	03/13/20 12:28	1
1,2,4-Trimethylbenzene	<0.0011		0.0053	0.0011	mg/Kg	☼	03/13/20 07:54	03/13/20 12:28	1
1,2-Dibromo-3-Chloropropane	<0.0035		0.0053	0.0035	mg/Kg	☼	03/13/20 07:54	03/13/20 12:28	1
1,2-Dichlorobenzene	<0.00076		0.0053	0.00076	mg/Kg	☼	03/13/20 07:54	03/13/20 12:28	1
1,2-Dichloroethane	<0.00087		0.0053	0.00087	mg/Kg	☼	03/13/20 07:54	03/13/20 12:28	1
1,2-Dichloropropane	<0.0027		0.0053	0.0027	mg/Kg	☼	03/13/20 07:54	03/13/20 12:28	1
1,3,5-Trimethylbenzene	<0.00088		0.0053	0.00088	mg/Kg	☼	03/13/20 07:54	03/13/20 12:28	1
1,3-Dichlorobenzene	<0.0010		0.0053	0.0010	mg/Kg	☼	03/13/20 07:54	03/13/20 12:28	1
1,3-Dichloropropane	<0.0011		0.0053	0.0011	mg/Kg	☼	03/13/20 07:54	03/13/20 12:28	1
1,4-Dichlorobenzene	<0.0027		0.0053	0.0027	mg/Kg	☼	03/13/20 07:54	03/13/20 12:28	1
2,2-Dichloropropane	<0.0027		0.0053	0.0027	mg/Kg	☼	03/13/20 07:54	03/13/20 12:28	1
2-Butanone (MEK)	<0.0064		0.027	0.0064	mg/Kg	☼	03/13/20 07:54	03/13/20 12:28	1
2-Chlorotoluene	<0.0027		0.0053	0.0027	mg/Kg	☼	03/13/20 07:54	03/13/20 12:28	1
2-Hexanone	<0.0053		0.027	0.0053	mg/Kg	☼	03/13/20 07:54	03/13/20 12:28	1
4-Chlorotoluene	<0.0010		0.0053	0.0010	mg/Kg	☼	03/13/20 07:54	03/13/20 12:28	1
4-Isopropyltoluene	<0.0011		0.0053	0.0011	mg/Kg	☼	03/13/20 07:54	03/13/20 12:28	1
4-Methyl-2-pentanone (MIBK)	<0.0053		0.027	0.0053	mg/Kg	☼	03/13/20 07:54	03/13/20 12:28	1
Acetone	**0.030**		0.027	0.014	mg/Kg	☼	03/13/20 07:54	03/13/20 12:28	1
Benzene	<0.00071		0.0053	0.00071	mg/Kg	☼	03/13/20 07:54	03/13/20 12:28	1
Bromobenzene	<0.0014		0.0053	0.0014	mg/Kg	☼	03/13/20 07:54	03/13/20 12:28	1
Bromoform	<0.0027		0.0053	0.0027	mg/Kg	☼	03/13/20 07:54	03/13/20 12:28	1
Bromomethane	<0.0027		0.0053	0.0027	mg/Kg	☼	03/13/20 07:54	03/13/20 12:28	1
Carbon disulfide	<0.0027		0.0053	0.0027	mg/Kg	☼	03/13/20 07:54	03/13/20 12:28	1
Carbon tetrachloride	<0.0018		0.0053	0.0018	mg/Kg	☼	03/13/20 07:54	03/13/20 12:28	1
Chlorobenzene	<0.00055		0.0053	0.00055	mg/Kg	☼	03/13/20 07:54	03/13/20 12:28	1
Chlorobromomethane	<0.0027		0.0053	0.0027	mg/Kg	☼	03/13/20 07:54	03/13/20 12:28	1
Chlorodibromomethane	<0.0027		0.0053	0.0027	mg/Kg	☼	03/13/20 07:54	03/13/20 12:28	1
Chloroethane	<0.0027		0.0053	0.0027	mg/Kg	☼	03/13/20 07:54	03/13/20 12:28	1
Chloroform	<0.0027		0.0053	0.0027	mg/Kg	☼	03/13/20 07:54	03/13/20 12:28	1
Chloromethane	<0.0011		0.0053	0.0011	mg/Kg	☼	03/13/20 07:54	03/13/20 12:28	1
cis-1,2-Dichloroethene	<0.00081		0.0053	0.00081	mg/Kg	☼	03/13/20 07:54	03/13/20 12:28	1
cis-1,3-Dichloropropene	<0.0013		0.0053	0.0013	mg/Kg	☼	03/13/20 07:54	03/13/20 12:28	1
Dibromomethane	<0.0027		0.0053	0.0027	mg/Kg	☼	03/13/20 07:54	03/13/20 12:28	1
Dichlorobromomethane	<0.0027		0.0053	0.0027	mg/Kg	☼	03/13/20 07:54	03/13/20 12:28	1
Dichlorodifluoromethane	<0.0014		0.0053	0.0014	mg/Kg	☼	03/13/20 07:54	03/13/20 12:28	1
Ethylbenzene	<0.00065		0.0053	0.00065	mg/Kg	☼	03/13/20 07:54	03/13/20 12:28	1
Ethylene Dibromide	<0.0011		0.0053	0.0011	mg/Kg	☼	03/13/20 07:54	03/13/20 12:28	1
Hexachlorobutadiene	<0.0027		0.0053	0.0027	mg/Kg	☼	03/13/20 07:54	03/13/20 12:28	1
Iodomethane	<0.0036		0.0053	0.0036	mg/Kg	☼	03/13/20 07:54	03/13/20 12:28	1
Isopropyl ether	<0.00059		0.0053	0.00059	mg/Kg	☼	03/13/20 07:54	03/13/20 12:28	1

Client: SCS Engineers
Project/Site: Tidewater Gardens

Job ID: 400-184834-1

Client Sample ID: B-3
Date Collected: 03/03/20 08:39
Date Received: 03/04/20 09:30

Lab Sample ID: 400-184834-3
Matrix: Solid
Percent Solids: 90.2

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	**0.0032**	**J**	0.0053	0.00072	mg/Kg	☼	03/13/20 07:54	03/13/20 12:28	1
Methyl tert-butyl ether	<0.0011		0.0053	0.0011	mg/Kg	☼	03/13/20 07:54	03/13/20 12:28	1
Methylene Chloride	<0.011		0.016	0.011	mg/Kg	☼	03/13/20 07:54	03/13/20 12:28	1
m-Xylene & p-Xylene	<0.0014		0.0053	0.0014	mg/Kg	☼	03/13/20 07:54	03/13/20 12:28	1
Naphthalene	**0.0098**		0.0053	0.0021	mg/Kg	☼	03/13/20 07:54	03/13/20 12:28	1
n-Butylbenzene	**0.0073**		0.0053	0.0010	mg/Kg	☼	03/13/20 07:54	03/13/20 12:28	1
N-Propylbenzene	**0.0028**	**J**	0.0053	0.00096	mg/Kg	☼	03/13/20 07:54	03/13/20 12:28	1
o-Xylene	<0.0011		0.0053	0.0011	mg/Kg	☼	03/13/20 07:54	03/13/20 12:28	1
sec-Butylbenzene	**0.012**		0.0053	0.0010	mg/Kg	☼	03/13/20 07:54	03/13/20 12:28	1
Styrene	<0.0011		0.0053	0.0011	mg/Kg	☼	03/13/20 07:54	03/13/20 12:28	1
tert-Butylbenzene	<0.0027		0.0053	0.0027	mg/Kg	☼	03/13/20 07:54	03/13/20 12:28	1
Tetrachloroethene	<0.0027		0.0053	0.0027	mg/Kg	☼	03/13/20 07:54	03/13/20 12:28	1
Toluene	<0.0011		0.0053	0.0011	mg/Kg	☼	03/13/20 07:54	03/13/20 12:28	1
trans-1,2-Dichloroethene	<0.0027		0.0053	0.0027	mg/Kg	☼	03/13/20 07:54	03/13/20 12:28	1
trans-1,3-Dichloropropene	<0.0027		0.0053	0.0027	mg/Kg	☼	03/13/20 07:54	03/13/20 12:28	1
Trichloroethene	<0.0011		0.0053	0.0011	mg/Kg	☼	03/13/20 07:54	03/13/20 12:28	1
Trichlorofluoromethane	<0.0027		0.0053	0.0027	mg/Kg	☼	03/13/20 07:54	03/13/20 12:28	1
Vinyl acetate	<0.0097		0.027	0.0097	mg/Kg	☼	03/13/20 07:54	03/13/20 12:28	1
Vinyl chloride	<0.0027		0.0053	0.0027	mg/Kg	☼	03/13/20 07:54	03/13/20 12:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*114*		*67 - 130*	*03/13/20 07:54*	*03/13/20 12:28*	*1*
Dibromofluoromethane	*87*		*77 - 127*	*03/13/20 07:54*	*03/13/20 12:28*	*1*
Toluene-d8 (Surr)	*106*		*76 - 127*	*03/13/20 07:54*	*03/13/20 12:28*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	<0.18		1.8	0.18	mg/Kg	☼	03/10/20 11:52	03/12/20 19:23	5
1,2,4,5-Tetrachlorobenzene	<0.18		1.8	0.18	mg/Kg	☼	03/10/20 11:52	03/12/20 19:23	5
1,2,4-Trichlorobenzene	<0.18		1.8	0.18	mg/Kg	☼	03/10/20 11:52	03/12/20 19:23	5
1,2-Dichlorobenzene	<0.18		1.8	0.18	mg/Kg	☼	03/10/20 11:52	03/12/20 19:23	5
1,3-Dichlorobenzene	<0.18		1.8	0.18	mg/Kg	☼	03/10/20 11:52	03/12/20 19:23	5
1,3-Dinitrobenzene	<0.18		1.8	0.18	mg/Kg	☼	03/10/20 11:52	03/12/20 19:23	5
1,4-Dichlorobenzene	<0.18		1.8	0.18	mg/Kg	☼	03/10/20 11:52	03/12/20 19:23	5
1,4-Dioxane	<0.18		1.8	0.18	mg/Kg	☼	03/10/20 11:52	03/12/20 19:23	5
1-Methylnaphthalene	**0.83**	**J**	1.8	0.18	mg/Kg	☼	03/10/20 11:52	03/12/20 19:23	5
2,2'-oxybis(1-chloropropane)	<0.18		1.8	0.18	mg/Kg	☼	03/10/20 11:52	03/12/20 19:23	5
2,3,4,6-Tetrachlorophenol	<0.18		1.8	0.18	mg/Kg	☼	03/10/20 11:52	03/12/20 19:23	5
2,4,5-Trichlorophenol	<0.18		1.8	0.18	mg/Kg	☼	03/10/20 11:52	03/12/20 19:23	5
2,4,6-Trichlorophenol	<0.18		1.8	0.18	mg/Kg	☼	03/10/20 11:52	03/12/20 19:23	5
2,4-Dichlorophenol	<0.18		1.8	0.18	mg/Kg	☼	03/10/20 11:52	03/12/20 19:23	5
2,4-Dimethylphenol	<0.18		1.8	0.18	mg/Kg	☼	03/10/20 11:52	03/12/20 19:23	5
2,4-Dinitrophenol	<1.6		5.4	1.6	mg/Kg	☼	03/10/20 11:52	03/12/20 19:23	5
2,4-Dinitrotoluene	<0.18		1.8	0.18	mg/Kg	☼	03/10/20 11:52	03/12/20 19:23	5
2,6-Dinitrotoluene	<0.18		1.8	0.18	mg/Kg	☼	03/10/20 11:52	03/12/20 19:23	5
2-Chloronaphthalene	<0.18		1.8	0.18	mg/Kg	☼	03/10/20 11:52	03/12/20 19:23	5
2-Chlorophenol	<0.18		1.8	0.18	mg/Kg	☼	03/10/20 11:52	03/12/20 19:23	5
2-Methylnaphthalene	**1.0**	**J**	1.8	0.18	mg/Kg	☼	03/10/20 11:52	03/12/20 19:23	5
2-Methylphenol	<0.18		1.8	0.18	mg/Kg	☼	03/10/20 11:52	03/12/20 19:23	5
2-Nitroaniline	<0.18		1.8	0.18	mg/Kg	☼	03/10/20 11:52	03/12/20 19:23	5

Client Sample ID: B-3
Date Collected: 03/03/20 08:39
Date Received: 03/04/20 09:30

Lab Sample ID: 400-184834-3
Matrix: Solid
Percent Solids: 90.2

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitrophenol	<0.18		1.8	0.18	mg/Kg	☼	03/10/20 11:52	03/12/20 19:23	5
3 & 4 Methylphenol	<0.18		3.6	0.18	mg/Kg	☼	03/10/20 11:52	03/12/20 19:23	5
3,3'-Dichlorobenzidine	<0.18		1.8	0.18	mg/Kg	☼	03/10/20 11:52	03/12/20 19:23	5
3-Nitroaniline	<0.18		1.8	0.18	mg/Kg	☼	03/10/20 11:52	03/12/20 19:23	5
4,6-Dinitro-2-methylphenol	<0.18		1.8	0.18	mg/Kg	☼	03/10/20 11:52	03/12/20 19:23	5
4-Bromophenyl phenyl ether	<0.18		1.8	0.18	mg/Kg	☼	03/10/20 11:52	03/12/20 19:23	5
4-Chloro-3-methylphenol	<0.18		1.8	0.18	mg/Kg	☼	03/10/20 11:52	03/12/20 19:23	5
4-Chloroaniline	<0.18		1.8	0.18	mg/Kg	☼	03/10/20 11:52	03/12/20 19:23	5
4-Chlorophenyl phenyl ether	<0.18		1.8	0.18	mg/Kg	☼	03/10/20 11:52	03/12/20 19:23	5
4-Nitroaniline	<0.18		1.8	0.18	mg/Kg	☼	03/10/20 11:52	03/12/20 19:23	5
4-Nitrophenol	<0.60		1.8	0.60	mg/Kg	☼	03/10/20 11:52	03/12/20 19:23	5
Acenaphthene	**0.18**	**J**	1.8	0.18	mg/Kg	☼	03/10/20 11:52	03/12/20 19:23	5
Acenaphthylene	<0.18		1.8	0.18	mg/Kg	☼	03/10/20 11:52	03/12/20 19:23	5
Acetophenone	<0.18		1.8	0.18	mg/Kg	☼	03/10/20 11:52	03/12/20 19:23	5
Aniline	<0.24		1.8	0.24	mg/Kg	☼	03/10/20 11:52	03/12/20 19:23	5
Anthracene	**0.18**	**J**	1.8	0.18	mg/Kg	☼	03/10/20 11:52	03/12/20 19:23	5
Atrazine	<0.18		1.8	0.18	mg/Kg	☼	03/10/20 11:52	03/13/20 10:59	5
Azobenzene	<0.18		1.8	0.18	mg/Kg	☼	03/10/20 11:52	03/12/20 19:23	5
Benzaldehyde	<0.18		1.8	0.18	mg/Kg	☼	03/10/20 11:52	03/13/20 10:59	5
Benzidine	<0.54		5.4	0.54	mg/Kg	☼	03/10/20 11:52	03/12/20 19:23	5
Benzo[a]anthracene	**0.37**	**J**	1.8	0.18	mg/Kg	☼	03/10/20 11:52	03/12/20 19:23	5
Benzo[a]pyrene	**0.50**	**J**	1.8	0.18	mg/Kg	☼	03/10/20 11:52	03/12/20 19:23	5
Benzo[b]fluoranthene	**0.46**	**J**	1.8	0.18	mg/Kg	☼	03/10/20 11:52	03/12/20 19:23	5
Benzo[g,h,i]perylene	**0.26**	**J**	1.8	0.18	mg/Kg	☼	03/10/20 11:52	03/12/20 19:23	5
Benzo[k]fluoranthene	<0.18		1.8	0.18	mg/Kg	☼	03/10/20 11:52	03/12/20 19:23	5
Benzoic acid	<1.9		5.4	1.9	mg/Kg	☼	03/10/20 11:52	03/13/20 10:59	5
Benzyl alcohol	<0.18		1.8	0.18	mg/Kg	☼	03/10/20 11:52	03/12/20 19:23	5
Bis(2-chloroethoxy)methane	<0.18		1.8	0.18	mg/Kg	☼	03/10/20 11:52	03/12/20 19:23	5
Bis(2-chloroethyl)ether	<0.18		1.8	0.18	mg/Kg	☼	03/10/20 11:52	03/12/20 19:23	5
Bis(2-ethylhexyl) phthalate	<0.18		1.8	0.18	mg/Kg	☼	03/10/20 11:52	03/12/20 19:23	5
Butyl benzyl phthalate	<0.18		1.8	0.18	mg/Kg	☼	03/10/20 11:52	03/12/20 19:23	5
Caprolactam	<0.18		1.8	0.18	mg/Kg	☼	03/10/20 11:52	03/13/20 10:59	5
Carbazole	<0.18		1.8	0.18	mg/Kg	☼	03/10/20 11:52	03/12/20 19:23	5
Chrysene	**0.39**	**J**	1.8	0.18	mg/Kg	☼	03/10/20 11:52	03/12/20 19:23	5
Dibenz(a,h)anthracene	**0.25**	**J**	1.8	0.18	mg/Kg	☼	03/10/20 11:52	03/12/20 19:23	5
Dibenzofuran	<0.18		1.8	0.18	mg/Kg	☼	03/10/20 11:52	03/12/20 19:23	5
Diethyl phthalate	<0.18		1.8	0.18	mg/Kg	☼	03/10/20 11:52	03/12/20 19:23	5
Dimethyl phthalate	<0.18		1.8	0.18	mg/Kg	☼	03/10/20 11:52	03/12/20 19:23	5
Di-n-butyl phthalate	<0.18		1.8	0.18	mg/Kg	☼	03/10/20 11:52	03/12/20 19:23	5
Di-n-octyl phthalate	<0.18		1.8	0.18	mg/Kg	☼	03/10/20 11:52	03/12/20 19:23	5
Fluoranthene	**0.41**	**J**	1.8	0.18	mg/Kg	☼	03/10/20 11:52	03/12/20 19:23	5
Fluorene	<0.18		1.8	0.18	mg/Kg	☼	03/10/20 11:52	03/12/20 19:23	5
Hexachlorobenzene	<0.55		1.8	0.55	mg/Kg	☼	03/10/20 11:52	03/12/20 19:23	5
Hexachlorobutadiene	<0.18		1.8	0.18	mg/Kg	☼	03/10/20 11:52	03/12/20 19:23	5
Hexachlorocyclopentadiene	<0.36		1.8	0.36	mg/Kg	☼	03/10/20 11:52	03/12/20 19:23	5
Hexachloroethane	<0.55		1.8	0.55	mg/Kg	☼	03/10/20 11:52	03/12/20 19:23	5
Hexadecane	<0.18		1.8	0.18	mg/Kg	☼	03/10/20 11:52	03/12/20 19:23	5
Indeno[1,2,3-cd]pyrene	**0.30**	**J**	1.8	0.18	mg/Kg	☼	03/10/20 11:52	03/12/20 19:23	5
Isophorone	<0.18		1.8	0.18	mg/Kg	☼	03/10/20 11:52	03/12/20 19:23	5

Client Sample ID: B-3
Date Collected: 03/03/20 08:39
Date Received: 03/04/20 09:30

Lab Sample ID: 400-184834-3
Matrix: Solid
Percent Solids: 90.2

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	<0.18		1.8	0.18	mg/Kg	☼	03/10/20 11:52	03/12/20 19:23	5
n-Decane	<0.18		1.8	0.18	mg/Kg	☼	03/10/20 11:52	03/12/20 19:23	5
Nitrobenzene	<0.18		1.8	0.18	mg/Kg	☼	03/10/20 11:52	03/12/20 19:23	5
N-Nitrosodimethylamine	<0.36		1.8	0.36	mg/Kg	☼	03/10/20 11:52	03/12/20 19:23	5
N-Nitrosodi-n-propylamine	<0.60		1.8	0.60	mg/Kg	☼	03/10/20 11:52	03/12/20 19:23	5
N-Nitrosodiphenylamine	<0.18		1.8	0.18	mg/Kg	☼	03/10/20 11:52	03/12/20 19:23	5
n-Octadecane	<0.18		1.8	0.18	mg/Kg	☼	03/10/20 11:52	03/12/20 19:23	5
Pentachlorophenol	<0.36		3.6	0.36	mg/Kg	☼	03/10/20 11:52	03/12/20 19:23	5
Phenanthrene	**0.42**	**J**	1.8	0.18	mg/Kg	☼	03/10/20 11:52	03/12/20 19:23	5
Phenol	<0.18		1.8	0.18	mg/Kg	☼	03/10/20 11:52	03/12/20 19:23	5
Pyrene	**0.60**	**J**	1.8	0.18	mg/Kg	☼	03/10/20 11:52	03/12/20 19:23	5
Pyridine	<0.82		1.8	0.82	mg/Kg	☼	03/10/20 11:52	03/12/20 19:23	5
Sulfolane	<0.18		1.8	0.18	mg/Kg	☼	03/10/20 11:52	03/13/20 10:59	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*84*		*10 - 150*	*03/10/20 11:52*	*03/12/20 19:23*	*5*
2-Fluorobiphenyl	*67*		*27 - 127*	*03/10/20 11:52*	*03/12/20 19:23*	*5*
2-Fluorophenol (Surr)	*62*		*25 - 128*	*03/10/20 11:52*	*03/12/20 19:23*	*5*
Nitrobenzene-d5 (Surr)	*65*		*15 - 136*	*03/10/20 11:52*	*03/12/20 19:23*	*5*
Phenol-d5 (Surr)	*68*		*29 - 130*	*03/10/20 11:52*	*03/12/20 19:23*	*5*
Terphenyl-d14 (Surr)	*80*		*24 - 146*	*03/10/20 11:52*	*03/12/20 19:23*	*5*

Method: 8015C - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO) -C6-C10	**3.7**	**J**	6.2	3.1	mg/Kg	☼	03/05/20 13:10	03/08/20 18:50	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene (fid)	*104*		*65 - 125*	*03/05/20 13:10*	*03/08/20 18:50*	*50*

Method: 8015C - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**360**	**B**	110	43	mg/Kg	☼	03/05/20 07:52	03/07/20 01:28	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*76*		*27 - 151*	*03/05/20 07:52*	*03/07/20 01:28*	*20*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**9.8**		0.01		%			03/06/20 10:45	1

Client: SCS Engineers
Project/Site: Tidewater Gardens

Job ID: 400-184834-1

Client Sample ID: B-4
Date Collected: 03/02/20 08:50
Date Received: 03/04/20 09:30

Lab Sample ID: 400-184834-4
Matrix: Solid
Percent Solids: 89.2

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.0026		0.0053	0.0026	mg/Kg	☼	03/13/20 07:54	03/13/20 14:27	1
1,1,1-Trichloroethane	<0.0012		0.0053	0.0012	mg/Kg	☼	03/13/20 07:54	03/13/20 14:27	1
1,1,2,2-Tetrachloroethane	<0.0026		0.0053	0.0026	mg/Kg	☼	03/13/20 07:54	03/13/20 14:27	1
1,1,2-Trichloroethane	<0.0026		0.0053	0.0026	mg/Kg	☼	03/13/20 07:54	03/13/20 14:27	1
1,1-Dichloroethane	<0.00088		0.0053	0.00088	mg/Kg	☼	03/13/20 07:54	03/13/20 14:27	1
1,1-Dichloroethene	<0.0026		0.0053	0.0026	mg/Kg	☼	03/13/20 07:54	03/13/20 14:27	1
1,1-Dichloropropene	<0.0026		0.0053	0.0026	mg/Kg	☼	03/13/20 07:54	03/13/20 14:27	1
1,2,3-Trichlorobenzene	<0.0026		0.0053	0.0026	mg/Kg	☼	03/13/20 07:54	03/13/20 14:27	1
1,2,3-Trichloropropane	<0.0032		0.0053	0.0032	mg/Kg	☼	03/13/20 07:54	03/13/20 14:27	1
1,2,4-Trichlorobenzene	<0.0021		0.0053	0.0021	mg/Kg	☼	03/13/20 07:54	03/13/20 14:27	1
1,2,4-Trimethylbenzene	<0.0011		0.0053	0.0011	mg/Kg	☼	03/13/20 07:54	03/13/20 14:27	1
1,2-Dibromo-3-Chloropropane	<0.0035		0.0053	0.0035	mg/Kg	☼	03/13/20 07:54	03/13/20 14:27	1
1,2-Dichlorobenzene	<0.00075		0.0053	0.00075	mg/Kg	☼	03/13/20 07:54	03/13/20 14:27	1
1,2-Dichloroethane	<0.00087		0.0053	0.00087	mg/Kg	☼	03/13/20 07:54	03/13/20 14:27	1
1,2-Dichloropropane	<0.0026		0.0053	0.0026	mg/Kg	☼	03/13/20 07:54	03/13/20 14:27	1
1,3,5-Trimethylbenzene	<0.00088		0.0053	0.00088	mg/Kg	☼	03/13/20 07:54	03/13/20 14:27	1
1,3-Dichlorobenzene	<0.0010		0.0053	0.0010	mg/Kg	☼	03/13/20 07:54	03/13/20 14:27	1
1,3-Dichloropropane	<0.0011		0.0053	0.0011	mg/Kg	☼	03/13/20 07:54	03/13/20 14:27	1
1,4-Dichlorobenzene	<0.0026		0.0053	0.0026	mg/Kg	☼	03/13/20 07:54	03/13/20 14:27	1
2,2-Dichloropropane	<0.0026		0.0053	0.0026	mg/Kg	☼	03/13/20 07:54	03/13/20 14:27	1
2-Butanone (MEK)	<0.0063		0.026	0.0063	mg/Kg	☼	03/13/20 07:54	03/13/20 14:27	1
2-Chlorotoluene	<0.0026		0.0053	0.0026	mg/Kg	☼	03/13/20 07:54	03/13/20 14:27	1
2-Hexanone	<0.0053		0.026	0.0053	mg/Kg	☼	03/13/20 07:54	03/13/20 14:27	1
4-Chlorotoluene	<0.0010		0.0053	0.0010	mg/Kg	☼	03/13/20 07:54	03/13/20 14:27	1
4-Isopropyltoluene	<0.0011		0.0053	0.0011	mg/Kg	☼	03/13/20 07:54	03/13/20 14:27	1
4-Methyl-2-pentanone (MIBK)	<0.0053		0.026	0.0053	mg/Kg	☼	03/13/20 07:54	03/13/20 14:27	1
Acetone	<0.014		0.026	0.014	mg/Kg	☼	03/13/20 07:54	03/13/20 14:27	1
Benzene	<0.00071		0.0053	0.00071	mg/Kg	☼	03/13/20 07:54	03/13/20 14:27	1
Bromobenzene	<0.0014		0.0053	0.0014	mg/Kg	☼	03/13/20 07:54	03/13/20 14:27	1
Bromoform	<0.0026		0.0053	0.0026	mg/Kg	☼	03/13/20 07:54	03/13/20 14:27	1
Bromomethane	<0.0026		0.0053	0.0026	mg/Kg	☼	03/13/20 07:54	03/13/20 14:27	1
Carbon disulfide	<0.0026		0.0053	0.0026	mg/Kg	☼	03/13/20 07:54	03/13/20 14:27	1
Carbon tetrachloride	<0.0018		0.0053	0.0018	mg/Kg	☼	03/13/20 07:54	03/13/20 14:27	1
Chlorobenzene	<0.00055		0.0053	0.00055	mg/Kg	☼	03/13/20 07:54	03/13/20 14:27	1
Chlorobromomethane	<0.0026		0.0053	0.0026	mg/Kg	☼	03/13/20 07:54	03/13/20 14:27	1
Chlorodibromomethane	<0.0026		0.0053	0.0026	mg/Kg	☼	03/13/20 07:54	03/13/20 14:27	1
Chloroethane	<0.0026		0.0053	0.0026	mg/Kg	☼	03/13/20 07:54	03/13/20 14:27	1
Chloroform	<0.0026		0.0053	0.0026	mg/Kg	☼	03/13/20 07:54	03/13/20 14:27	1
Chloromethane	<0.0011		0.0053	0.0011	mg/Kg	☼	03/13/20 07:54	03/13/20 14:27	1
cis-1,2-Dichloroethene	<0.00080		0.0053	0.00080	mg/Kg	☼	03/13/20 07:54	03/13/20 14:27	1
cis-1,3-Dichloropropene	<0.0013		0.0053	0.0013	mg/Kg	☼	03/13/20 07:54	03/13/20 14:27	1
Dibromomethane	<0.0026		0.0053	0.0026	mg/Kg	☼	03/13/20 07:54	03/13/20 14:27	1
Dichlorobromomethane	<0.0026		0.0053	0.0026	mg/Kg	☼	03/13/20 07:54	03/13/20 14:27	1
Dichlorodifluoromethane	<0.0014		0.0053	0.0014	mg/Kg	☼	03/13/20 07:54	03/13/20 14:27	1
Ethylbenzene	<0.00064		0.0053	0.00064	mg/Kg	☼	03/13/20 07:54	03/13/20 14:27	1
Ethylene Dibromide	<0.0011		0.0053	0.0011	mg/Kg	☼	03/13/20 07:54	03/13/20 14:27	1
Hexachlorobutadiene	<0.0026		0.0053	0.0026	mg/Kg	☼	03/13/20 07:54	03/13/20 14:27	1
Iodomethane	<0.0036		0.0053	0.0036	mg/Kg	☼	03/13/20 07:54	03/13/20 14:27	1
Isopropyl ether	<0.00058		0.0053	0.00058	mg/Kg	☼	03/13/20 07:54	03/13/20 14:27	1

Client Sample ID: B-4
Date Collected: 03/02/20 08:50
Date Received: 03/04/20 09:30

Lab Sample ID: 400-184834-4
Matrix: Solid
Percent Solids: 89.2

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	<0.00072		0.0053	0.00072	mg/Kg	☼	03/13/20 07:54	03/13/20 14:27	1
Methyl tert-butyl ether	<0.0011		0.0053	0.0011	mg/Kg	☼	03/13/20 07:54	03/13/20 14:27	1
Methylene Chloride	<0.011		0.016	0.011	mg/Kg	☼	03/13/20 07:54	03/13/20 14:27	1
m-Xylene & p-Xylene	<0.0014		0.0053	0.0014	mg/Kg	☼	03/13/20 07:54	03/13/20 14:27	1
Naphthalene	<0.0021		0.0053	0.0021	mg/Kg	☼	03/13/20 07:54	03/13/20 14:27	1
n-Butylbenzene	<0.0010		0.0053	0.0010	mg/Kg	☼	03/13/20 07:54	03/13/20 14:27	1
N-Propylbenzene	<0.00095		0.0053	0.00095	mg/Kg	☼	03/13/20 07:54	03/13/20 14:27	1
o-Xylene	<0.0011		0.0053	0.0011	mg/Kg	☼	03/13/20 07:54	03/13/20 14:27	1
sec-Butylbenzene	<0.0010		0.0053	0.0010	mg/Kg	☼	03/13/20 07:54	03/13/20 14:27	1
Styrene	<0.0011		0.0053	0.0011	mg/Kg	☼	03/13/20 07:54	03/13/20 14:27	1
tert-Butylbenzene	<0.0026		0.0053	0.0026	mg/Kg	☼	03/13/20 07:54	03/13/20 14:27	1
Tetrachloroethene	<0.0026		0.0053	0.0026	mg/Kg	☼	03/13/20 07:54	03/13/20 14:27	1
Toluene	<0.0011		0.0053	0.0011	mg/Kg	☼	03/13/20 07:54	03/13/20 14:27	1
trans-1,2-Dichloroethene	<0.0026		0.0053	0.0026	mg/Kg	☼	03/13/20 07:54	03/13/20 14:27	1
trans-1,3-Dichloropropene	<0.0026		0.0053	0.0026	mg/Kg	☼	03/13/20 07:54	03/13/20 14:27	1
Trichloroethene	<0.0011		0.0053	0.0011	mg/Kg	☼	03/13/20 07:54	03/13/20 14:27	1
Trichlorofluoromethane	<0.0026		0.0053	0.0026	mg/Kg	☼	03/13/20 07:54	03/13/20 14:27	1
Vinyl acetate	<0.0096		0.026	0.0096	mg/Kg	☼	03/13/20 07:54	03/13/20 14:27	1
Vinyl chloride	<0.0026		0.0053	0.0026	mg/Kg	☼	03/13/20 07:54	03/13/20 14:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*105*		*67 - 130*	*03/13/20 07:54*	*03/13/20 14:27*	*1*
Dibromofluoromethane	*94*		*77 - 127*	*03/13/20 07:54*	*03/13/20 14:27*	*1*
Toluene-d8 (Surr)	*105*		*76 - 127*	*03/13/20 07:54*	*03/13/20 14:27*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	<0.036		0.36	0.036	mg/Kg	☼	03/10/20 11:52	03/12/20 17:19	1
1,2,4,5-Tetrachlorobenzene	<0.036		0.36	0.036	mg/Kg	☼	03/10/20 11:52	03/12/20 17:19	1
1,2,4-Trichlorobenzene	<0.036		0.36	0.036	mg/Kg	☼	03/10/20 11:52	03/12/20 17:19	1
1,2-Dichlorobenzene	<0.036		0.36	0.036	mg/Kg	☼	03/10/20 11:52	03/12/20 17:19	1
1,3-Dichlorobenzene	<0.036		0.36	0.036	mg/Kg	☼	03/10/20 11:52	03/12/20 17:19	1
1,3-Dinitrobenzene	<0.036		0.36	0.036	mg/Kg	☼	03/10/20 11:52	03/12/20 17:19	1
1,4-Dichlorobenzene	<0.036		0.36	0.036	mg/Kg	☼	03/10/20 11:52	03/12/20 17:19	1
1,4-Dioxane	<0.036		0.36	0.036	mg/Kg	☼	03/10/20 11:52	03/12/20 17:19	1
1-Methylnaphthalene	<0.036		0.36	0.036	mg/Kg	☼	03/10/20 11:52	03/12/20 17:19	1
2,2'-oxybis(1-chloropropane)	<0.036		0.36	0.036	mg/Kg	☼	03/10/20 11:52	03/12/20 17:19	1
2,3,4,6-Tetrachlorophenol	<0.036		0.36	0.036	mg/Kg	☼	03/10/20 11:52	03/12/20 17:19	1
2,4,5-Trichlorophenol	<0.036		0.36	0.036	mg/Kg	☼	03/10/20 11:52	03/12/20 17:19	1
2,4,6-Trichlorophenol	<0.036		0.36	0.036	mg/Kg	☼	03/10/20 11:52	03/12/20 17:19	1
2,4-Dichlorophenol	<0.036		0.36	0.036	mg/Kg	☼	03/10/20 11:52	03/12/20 17:19	1
2,4-Dimethylphenol	<0.036		0.36	0.036	mg/Kg	☼	03/10/20 11:52	03/12/20 17:19	1
2,4-Dinitrophenol	<0.32		1.1	0.32	mg/Kg	☼	03/10/20 11:52	03/12/20 17:19	1
2,4-Dinitrotoluene	<0.036		0.36	0.036	mg/Kg	☼	03/10/20 11:52	03/12/20 17:19	1
2,6-Dinitrotoluene	<0.036		0.36	0.036	mg/Kg	☼	03/10/20 11:52	03/12/20 17:19	1
2-Chloronaphthalene	<0.036		0.36	0.036	mg/Kg	☼	03/10/20 11:52	03/12/20 17:19	1
2-Chlorophenol	<0.036		0.36	0.036	mg/Kg	☼	03/10/20 11:52	03/12/20 17:19	1
2-Methylnaphthalene	<0.036		0.36	0.036	mg/Kg	☼	03/10/20 11:52	03/12/20 17:19	1
2-Methylphenol	<0.036		0.36	0.036	mg/Kg	☼	03/10/20 11:52	03/12/20 17:19	1
2-Nitroaniline	<0.036		0.36	0.036	mg/Kg	☼	03/10/20 11:52	03/12/20 17:19	1

Client Sample ID: B-4
Date Collected: 03/02/20 08:50
Date Received: 03/04/20 09:30

Lab Sample ID: 400-184834-4
Matrix: Solid
Percent Solids: 89.2

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitrophenol	<0.036		0.36	0.036	mg/Kg	☼	03/10/20 11:52	03/12/20 17:19	1
3 & 4 Methylphenol	<0.036		0.73	0.036	mg/Kg	☼	03/10/20 11:52	03/12/20 17:19	1
3,3'-Dichlorobenzidine	<0.036		0.36	0.036	mg/Kg	☼	03/10/20 11:52	03/12/20 17:19	1
3-Nitroaniline	<0.036		0.36	0.036	mg/Kg	☼	03/10/20 11:52	03/12/20 17:19	1
4,6-Dinitro-2-methylphenol	<0.036		0.36	0.036	mg/Kg	☼	03/10/20 11:52	03/12/20 17:19	1
4-Bromophenyl phenyl ether	<0.036		0.36	0.036	mg/Kg	☼	03/10/20 11:52	03/12/20 17:19	1
4-Chloro-3-methylphenol	<0.036		0.36	0.036	mg/Kg	☼	03/10/20 11:52	03/12/20 17:19	1
4-Chloroaniline	<0.036		0.36	0.036	mg/Kg	☼	03/10/20 11:52	03/12/20 17:19	1
4-Chlorophenyl phenyl ether	<0.036		0.36	0.036	mg/Kg	☼	03/10/20 11:52	03/12/20 17:19	1
4-Nitroaniline	<0.036		0.36	0.036	mg/Kg	☼	03/10/20 11:52	03/12/20 17:19	1
4-Nitrophenol	<0.12		0.36	0.12	mg/Kg	☼	03/10/20 11:52	03/12/20 17:19	1
Acenaphthene	<0.036		0.36	0.036	mg/Kg	☼	03/10/20 11:52	03/12/20 17:19	1
Acenaphthylene	<0.036		0.36	0.036	mg/Kg	☼	03/10/20 11:52	03/12/20 17:19	1
Acetophenone	<0.036		0.36	0.036	mg/Kg	☼	03/10/20 11:52	03/12/20 17:19	1
Aniline	<0.047		0.36	0.047	mg/Kg	☼	03/10/20 11:52	03/12/20 17:19	1
Anthracene	<0.036		0.36	0.036	mg/Kg	☼	03/10/20 11:52	03/12/20 17:19	1
Atrazine	<0.036		0.36	0.036	mg/Kg	☼	03/10/20 11:52	03/13/20 11:20	1
Azobenzene	<0.036		0.36	0.036	mg/Kg	☼	03/10/20 11:52	03/12/20 17:19	1
Benzaldehyde	<0.036		0.36	0.036	mg/Kg	☼	03/10/20 11:52	03/13/20 11:20	1
Benzidine	<0.11		1.1	0.11	mg/Kg	☼	03/10/20 11:52	03/12/20 17:19	1
Benzo[a]anthracene	<0.036		0.36	0.036	mg/Kg	☼	03/10/20 11:52	03/12/20 17:19	1
Benzo[a]pyrene	**0.047**	**J**	0.36	0.036	mg/Kg	☼	03/10/20 11:52	03/12/20 17:19	1
Benzo[b]fluoranthene	<0.036		0.36	0.036	mg/Kg	☼	03/10/20 11:52	03/12/20 17:19	1
Benzo[g,h,i]perylene	<0.036		0.36	0.036	mg/Kg	☼	03/10/20 11:52	03/12/20 17:19	1
Benzo[k]fluoranthene	<0.036		0.36	0.036	mg/Kg	☼	03/10/20 11:52	03/12/20 17:19	1
Benzoic acid	<0.39		1.1	0.39	mg/Kg	☼	03/10/20 11:52	03/13/20 11:20	1
Benzyl alcohol	<0.036		0.36	0.036	mg/Kg	☼	03/10/20 11:52	03/12/20 17:19	1
Bis(2-chloroethoxy)methane	<0.036		0.36	0.036	mg/Kg	☼	03/10/20 11:52	03/12/20 17:19	1
Bis(2-chloroethyl)ether	<0.036		0.36	0.036	mg/Kg	☼	03/10/20 11:52	03/12/20 17:19	1
Bis(2-ethylhexyl) phthalate	**0.080**	**J B**	0.36	0.036	mg/Kg	☼	03/10/20 11:52	03/12/20 17:19	1
Butyl benzyl phthalate	<0.036		0.36	0.036	mg/Kg	☼	03/10/20 11:52	03/12/20 17:19	1
Caprolactam	<0.036		0.36	0.036	mg/Kg	☼	03/10/20 11:52	03/13/20 11:20	1
Carbazole	<0.036		0.36	0.036	mg/Kg	☼	03/10/20 11:52	03/12/20 17:19	1
Chrysene	<0.036		0.36	0.036	mg/Kg	☼	03/10/20 11:52	03/12/20 17:19	1
Dibenz(a,h)anthracene	<0.036		0.36	0.036	mg/Kg	☼	03/10/20 11:52	03/12/20 17:19	1
Dibenzofuran	<0.036		0.36	0.036	mg/Kg	☼	03/10/20 11:52	03/12/20 17:19	1
Diethyl phthalate	<0.036		0.36	0.036	mg/Kg	☼	03/10/20 11:52	03/12/20 17:19	1
Dimethyl phthalate	<0.036		0.36	0.036	mg/Kg	☼	03/10/20 11:52	03/12/20 17:19	1
Di-n-butyl phthalate	**0.040**	**J B**	0.36	0.036	mg/Kg	☼	03/10/20 11:52	03/12/20 17:19	1
Di-n-octyl phthalate	<0.036		0.36	0.036	mg/Kg	☼	03/10/20 11:52	03/12/20 17:19	1
Fluoranthene	<0.036		0.36	0.036	mg/Kg	☼	03/10/20 11:52	03/12/20 17:19	1
Fluorene	<0.036		0.36	0.036	mg/Kg	☼	03/10/20 11:52	03/12/20 17:19	1
Hexachlorobenzene	<0.11		0.36	0.11	mg/Kg	☼	03/10/20 11:52	03/12/20 17:19	1
Hexachlorobutadiene	<0.036		0.36	0.036	mg/Kg	☼	03/10/20 11:52	03/12/20 17:19	1
Hexachlorocyclopentadiene	<0.073		0.36	0.073	mg/Kg	☼	03/10/20 11:52	03/12/20 17:19	1
Hexachloroethane	<0.11		0.36	0.11	mg/Kg	☼	03/10/20 11:52	03/12/20 17:19	1
Hexadecane	<0.036		0.36	0.036	mg/Kg	☼	03/10/20 11:52	03/12/20 17:19	1
Indeno[1,2,3-cd]pyrene	<0.036		0.36	0.036	mg/Kg	☼	03/10/20 11:52	03/12/20 17:19	1
Isophorone	<0.036		0.36	0.036	mg/Kg	☼	03/10/20 11:52	03/12/20 17:19	1

Client Sample ID: B-4

Date Collected: 03/02/20 08:50
Date Received: 03/04/20 09:30

Lab Sample ID: 400-184834-4

Matrix: Solid
Percent Solids: 89.2

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	<0.036		0.36	0.036	mg/Kg	☼	03/10/20 11:52	03/12/20 17:19	1
n-Decane	<0.036		0.36	0.036	mg/Kg	☼	03/10/20 11:52	03/12/20 17:19	1
Nitrobenzene	<0.036		0.36	0.036	mg/Kg	☼	03/10/20 11:52	03/12/20 17:19	1
N-Nitrosodimethylamine	<0.073		0.36	0.073	mg/Kg	☼	03/10/20 11:52	03/12/20 17:19	1
N-Nitrosodi-n-propylamine	<0.12		0.36	0.12	mg/Kg	☼	03/10/20 11:52	03/12/20 17:19	1
N-Nitrosodiphenylamine	<0.036		0.36	0.036	mg/Kg	☼	03/10/20 11:52	03/12/20 17:19	1
n-Octadecane	<0.036		0.36	0.036	mg/Kg	☼	03/10/20 11:52	03/12/20 17:19	1
Pentachlorophenol	<0.073		0.73	0.073	mg/Kg	☼	03/10/20 11:52	03/12/20 17:19	1
Phenanthrene	<0.036		0.36	0.036	mg/Kg	☼	03/10/20 11:52	03/12/20 17:19	1
Phenol	<0.036		0.36	0.036	mg/Kg	☼	03/10/20 11:52	03/12/20 17:19	1
Pyrene	<0.036		0.36	0.036	mg/Kg	☼	03/10/20 11:52	03/12/20 17:19	1
Pyridine	<0.17		0.36	0.17	mg/Kg	☼	03/10/20 11:52	03/12/20 17:19	1
Sulfolane	<0.036		0.36	0.036	mg/Kg	☼	03/10/20 11:52	03/13/20 11:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*90*		*10 - 150*	*03/10/20 11:52*	*03/12/20 17:19*	*1*
2-Fluorobiphenyl	*77*		*27 - 127*	*03/10/20 11:52*	*03/12/20 17:19*	*1*
2-Fluorophenol (Surr)	*78*		*25 - 128*	*03/10/20 11:52*	*03/12/20 17:19*	*1*
Nitrobenzene-d5 (Surr)	*78*		*15 - 136*	*03/10/20 11:52*	*03/12/20 17:19*	*1*
Phenol-d5 (Surr)	*83*		*29 - 130*	*03/10/20 11:52*	*03/12/20 17:19*	*1*
Terphenyl-d14 (Surr)	*96*		*24 - 146*	*03/10/20 11:52*	*03/12/20 17:19*	*1*

Method: 8015C - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO) -C6-C10	<2.9		5.8	2.9	mg/Kg	☼	03/05/20 13:10	03/08/20 19:16	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene (fid)	*104*		*65 - 125*	*03/05/20 13:10*	*03/08/20 19:16*	*50*

Method: 8015C - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	<2.2		5.5	2.2	mg/Kg	☼	03/10/20 10:24	03/12/20 23:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*47*		*27 - 151*	*03/10/20 10:24*	*03/12/20 23:06*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**10.8**		0.01		%			03/06/20 10:45	1

Client: SCS Engineers
Project/Site: Tidewater Gardens

Job ID: 400-184834-1

Client Sample ID: B-5
Date Collected: 03/02/20 10:12
Date Received: 03/04/20 09:30

Lab Sample ID: 400-184834-5
Matrix: Solid
Percent Solids: 88.7

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.0029		0.0058	0.0029	mg/Kg	☼	03/13/20 07:54	03/13/20 14:57	1
1,1,1-Trichloroethane	<0.0013		0.0058	0.0013	mg/Kg	☼	03/13/20 07:54	03/13/20 14:57	1
1,1,2,2-Tetrachloroethane	<0.0029		0.0058	0.0029	mg/Kg	☼	03/13/20 07:54	03/13/20 14:57	1
1,1,2-Trichloroethane	<0.0029		0.0058	0.0029	mg/Kg	☼	03/13/20 07:54	03/13/20 14:57	1
1,1-Dichloroethane	<0.00096		0.0058	0.00096	mg/Kg	☼	03/13/20 07:54	03/13/20 14:57	1
1,1-Dichloroethene	<0.0029		0.0058	0.0029	mg/Kg	☼	03/13/20 07:54	03/13/20 14:57	1
1,1-Dichloropropene	<0.0029		0.0058	0.0029	mg/Kg	☼	03/13/20 07:54	03/13/20 14:57	1
1,2,3-Trichlorobenzene	<0.0029		0.0058	0.0029	mg/Kg	☼	03/13/20 07:54	03/13/20 14:57	1
1,2,3-Trichloropropane	<0.0035		0.0058	0.0035	mg/Kg	☼	03/13/20 07:54	03/13/20 14:57	1
1,2,4-Trichlorobenzene	<0.0023		0.0058	0.0023	mg/Kg	☼	03/13/20 07:54	03/13/20 14:57	1
1,2,4-Trimethylbenzene	<0.0012		0.0058	0.0012	mg/Kg	☼	03/13/20 07:54	03/13/20 14:57	1
1,2-Dibromo-3-Chloropropane	<0.0038		0.0058	0.0038	mg/Kg	☼	03/13/20 07:54	03/13/20 14:57	1
1,2-Dichlorobenzene	<0.00082		0.0058	0.00082	mg/Kg	☼	03/13/20 07:54	03/13/20 14:57	1
1,2-Dichloroethane	<0.00095		0.0058	0.00095	mg/Kg	☼	03/13/20 07:54	03/13/20 14:57	1
1,2-Dichloropropane	<0.0029		0.0058	0.0029	mg/Kg	☼	03/13/20 07:54	03/13/20 14:57	1
1,3,5-Trimethylbenzene	<0.00096		0.0058	0.00096	mg/Kg	☼	03/13/20 07:54	03/13/20 14:57	1
1,3-Dichlorobenzene	<0.0011		0.0058	0.0011	mg/Kg	☼	03/13/20 07:54	03/13/20 14:57	1
1,3-Dichloropropane	<0.0012		0.0058	0.0012	mg/Kg	☼	03/13/20 07:54	03/13/20 14:57	1
1,4-Dichlorobenzene	<0.0029		0.0058	0.0029	mg/Kg	☼	03/13/20 07:54	03/13/20 14:57	1
2,2-Dichloropropane	<0.0029		0.0058	0.0029	mg/Kg	☼	03/13/20 07:54	03/13/20 14:57	1
2-Butanone (MEK)	<0.0069		0.029	0.0069	mg/Kg	☼	03/13/20 07:54	03/13/20 14:57	1
2-Chlorotoluene	<0.0029		0.0058	0.0029	mg/Kg	☼	03/13/20 07:54	03/13/20 14:57	1
2-Hexanone	<0.0058		0.029	0.0058	mg/Kg	☼	03/13/20 07:54	03/13/20 14:57	1
4-Chlorotoluene	<0.0011		0.0058	0.0011	mg/Kg	☼	03/13/20 07:54	03/13/20 14:57	1
4-Isopropyltoluene	<0.0012		0.0058	0.0012	mg/Kg	☼	03/13/20 07:54	03/13/20 14:57	1
4-Methyl-2-pentanone (MIBK)	<0.0058		0.029	0.0058	mg/Kg	☼	03/13/20 07:54	03/13/20 14:57	1
Acetone	<0.015		0.029	0.015	mg/Kg	☼	03/13/20 07:54	03/13/20 14:57	1
Benzene	<0.00077		0.0058	0.00077	mg/Kg	☼	03/13/20 07:54	03/13/20 14:57	1
Bromobenzene	<0.0015		0.0058	0.0015	mg/Kg	☼	03/13/20 07:54	03/13/20 14:57	1
Bromoform	<0.0029		0.0058	0.0029	mg/Kg	☼	03/13/20 07:54	03/13/20 14:57	1
Bromomethane	<0.0029		0.0058	0.0029	mg/Kg	☼	03/13/20 07:54	03/13/20 14:57	1
Carbon disulfide	<0.0029		0.0058	0.0029	mg/Kg	☼	03/13/20 07:54	03/13/20 14:57	1
Carbon tetrachloride	<0.0020		0.0058	0.0020	mg/Kg	☼	03/13/20 07:54	03/13/20 14:57	1
Chlorobenzene	<0.00060		0.0058	0.00060	mg/Kg	☼	03/13/20 07:54	03/13/20 14:57	1
Chlorobromomethane	<0.0029		0.0058	0.0029	mg/Kg	☼	03/13/20 07:54	03/13/20 14:57	1
Chlorodibromomethane	<0.0029		0.0058	0.0029	mg/Kg	☼	03/13/20 07:54	03/13/20 14:57	1
Chloroethane	<0.0029		0.0058	0.0029	mg/Kg	☼	03/13/20 07:54	03/13/20 14:57	1
Chloroform	<0.0029		0.0058	0.0029	mg/Kg	☼	03/13/20 07:54	03/13/20 14:57	1
Chloromethane	<0.0012		0.0058	0.0012	mg/Kg	☼	03/13/20 07:54	03/13/20 14:57	1
cis-1,2-Dichloroethene	<0.00088		0.0058	0.00088	mg/Kg	☼	03/13/20 07:54	03/13/20 14:57	1
cis-1,3-Dichloropropene	<0.0014		0.0058	0.0014	mg/Kg	☼	03/13/20 07:54	03/13/20 14:57	1
Dibromomethane	<0.0029		0.0058	0.0029	mg/Kg	☼	03/13/20 07:54	03/13/20 14:57	1
Dichlorobromomethane	<0.0029		0.0058	0.0029	mg/Kg	☼	03/13/20 07:54	03/13/20 14:57	1
Dichlorodifluoromethane	<0.0015		0.0058	0.0015	mg/Kg	☼	03/13/20 07:54	03/13/20 14:57	1
Ethylbenzene	<0.00070		0.0058	0.00070	mg/Kg	☼	03/13/20 07:54	03/13/20 14:57	1
Ethylene Dibromide	<0.0012		0.0058	0.0012	mg/Kg	☼	03/13/20 07:54	03/13/20 14:57	1
Hexachlorobutadiene	<0.0029		0.0058	0.0029	mg/Kg	☼	03/13/20 07:54	03/13/20 14:57	1
Iodomethane	<0.0039		0.0058	0.0039	mg/Kg	☼	03/13/20 07:54	03/13/20 14:57	1
Isopropyl ether	<0.00063		0.0058	0.00063	mg/Kg	☼	03/13/20 07:54	03/13/20 14:57	1

Client Sample ID: B-5
Date Collected: 03/02/20 10:12
Date Received: 03/04/20 09:30

Lab Sample ID: 400-184834-5
Matrix: Solid
Percent Solids: 88.7

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	<0.00078		0.0058	0.00078	mg/Kg	☼	03/13/20 07:54	03/13/20 14:57	1
Methyl tert-butyl ether	<0.0012		0.0058	0.0012	mg/Kg	☼	03/13/20 07:54	03/13/20 14:57	1
Methylene Chloride	<0.012		0.017	0.012	mg/Kg	☼	03/13/20 07:54	03/13/20 14:57	1
m-Xylene & p-Xylene	<0.0015		0.0058	0.0015	mg/Kg	☼	03/13/20 07:54	03/13/20 14:57	1
Naphthalene	<0.0023		0.0058	0.0023	mg/Kg	☼	03/13/20 07:54	03/13/20 14:57	1
n-Butylbenzene	<0.0011		0.0058	0.0011	mg/Kg	☼	03/13/20 07:54	03/13/20 14:57	1
N-Propylbenzene	<0.0010		0.0058	0.0010	mg/Kg	☼	03/13/20 07:54	03/13/20 14:57	1
o-Xylene	<0.0012		0.0058	0.0012	mg/Kg	☼	03/13/20 07:54	03/13/20 14:57	1
sec-Butylbenzene	<0.0011		0.0058	0.0011	mg/Kg	☼	03/13/20 07:54	03/13/20 14:57	1
Styrene	<0.0012		0.0058	0.0012	mg/Kg	☼	03/13/20 07:54	03/13/20 14:57	1
tert-Butylbenzene	<0.0029		0.0058	0.0029	mg/Kg	☼	03/13/20 07:54	03/13/20 14:57	1
Tetrachloroethene	<0.0029		0.0058	0.0029	mg/Kg	☼	03/13/20 07:54	03/13/20 14:57	1
Toluene	<0.0012		0.0058	0.0012	mg/Kg	☼	03/13/20 07:54	03/13/20 14:57	1
trans-1,2-Dichloroethene	<0.0029		0.0058	0.0029	mg/Kg	☼	03/13/20 07:54	03/13/20 14:57	1
trans-1,3-Dichloropropene	<0.0029		0.0058	0.0029	mg/Kg	☼	03/13/20 07:54	03/13/20 14:57	1
Trichloroethene	<0.0012		0.0058	0.0012	mg/Kg	☼	03/13/20 07:54	03/13/20 14:57	1
Trichlorofluoromethane	<0.0029		0.0058	0.0029	mg/Kg	☼	03/13/20 07:54	03/13/20 14:57	1
Vinyl acetate	<0.010		0.029	0.010	mg/Kg	☼	03/13/20 07:54	03/13/20 14:57	1
Vinyl chloride	<0.0029		0.0058	0.0029	mg/Kg	☼	03/13/20 07:54	03/13/20 14:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*107*		*67 - 130*	*03/13/20 07:54*	*03/13/20 14:57*	*1*
Dibromofluoromethane	*92*		*77 - 127*	*03/13/20 07:54*	*03/13/20 14:57*	*1*
Toluene-d8 (Surr)	*110*		*76 - 127*	*03/13/20 07:54*	*03/13/20 14:57*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	<0.37		3.7	0.37	mg/Kg	☼	03/10/20 11:52	03/12/20 19:44	10
1,2,4,5-Tetrachlorobenzene	<0.37		3.7	0.37	mg/Kg	☼	03/10/20 11:52	03/12/20 19:44	10
1,2,4-Trichlorobenzene	<0.37		3.7	0.37	mg/Kg	☼	03/10/20 11:52	03/12/20 19:44	10
1,2-Dichlorobenzene	<0.37		3.7	0.37	mg/Kg	☼	03/10/20 11:52	03/12/20 19:44	10
1,3-Dichlorobenzene	<0.37		3.7	0.37	mg/Kg	☼	03/10/20 11:52	03/12/20 19:44	10
1,3-Dinitrobenzene	<0.37		3.7	0.37	mg/Kg	☼	03/10/20 11:52	03/12/20 19:44	10
1,4-Dichlorobenzene	<0.37		3.7	0.37	mg/Kg	☼	03/10/20 11:52	03/12/20 19:44	10
1,4-Dioxane	<0.37		3.7	0.37	mg/Kg	☼	03/10/20 11:52	03/12/20 19:44	10
1-Methylnaphthalene	<0.37		3.7	0.37	mg/Kg	☼	03/10/20 11:52	03/12/20 19:44	10
2,2'-oxybis(1-chloropropane)	<0.37		3.7	0.37	mg/Kg	☼	03/10/20 11:52	03/12/20 19:44	10
2,3,4,6-Tetrachlorophenol	<0.37		3.7	0.37	mg/Kg	☼	03/10/20 11:52	03/12/20 19:44	10
2,4,5-Trichlorophenol	<0.37		3.7	0.37	mg/Kg	☼	03/10/20 11:52	03/12/20 19:44	10
2,4,6-Trichlorophenol	<0.37		3.7	0.37	mg/Kg	☼	03/10/20 11:52	03/12/20 19:44	10
2,4-Dichlorophenol	<0.37		3.7	0.37	mg/Kg	☼	03/10/20 11:52	03/12/20 19:44	10
2,4-Dimethylphenol	<0.37		3.7	0.37	mg/Kg	☼	03/10/20 11:52	03/12/20 19:44	10
2,4-Dinitrophenol	<3.3		11	3.3	mg/Kg	☼	03/10/20 11:52	03/12/20 19:44	10
2,4-Dinitrotoluene	<0.37		3.7	0.37	mg/Kg	☼	03/10/20 11:52	03/12/20 19:44	10
2,6-Dinitrotoluene	<0.37		3.7	0.37	mg/Kg	☼	03/10/20 11:52	03/12/20 19:44	10
2-Chloronaphthalene	<0.37		3.7	0.37	mg/Kg	☼	03/10/20 11:52	03/12/20 19:44	10
2-Chlorophenol	<0.37		3.7	0.37	mg/Kg	☼	03/10/20 11:52	03/12/20 19:44	10
2-Methylnaphthalene	<0.37		3.7	0.37	mg/Kg	☼	03/10/20 11:52	03/12/20 19:44	10
2-Methylphenol	<0.37		3.7	0.37	mg/Kg	☼	03/10/20 11:52	03/12/20 19:44	10
2-Nitroaniline	<0.37		3.7	0.37	mg/Kg	☼	03/10/20 11:52	03/12/20 19:44	10

Client Sample ID: B-5
Date Collected: 03/02/20 10:12
Date Received: 03/04/20 09:30

Lab Sample ID: 400-184834-5
Matrix: Solid
Percent Solids: 88.7

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitrophenol	<0.37		3.7	0.37	mg/Kg	☼	03/10/20 11:52	03/12/20 19:44	10
3 & 4 Methylphenol	<0.37		7.4	0.37	mg/Kg	☼	03/10/20 11:52	03/12/20 19:44	10
3,3'-Dichlorobenzidine	<0.37		3.7	0.37	mg/Kg	☼	03/10/20 11:52	03/12/20 19:44	10
3-Nitroaniline	<0.37		3.7	0.37	mg/Kg	☼	03/10/20 11:52	03/12/20 19:44	10
4,6-Dinitro-2-methylphenol	<0.37		3.7	0.37	mg/Kg	☼	03/10/20 11:52	03/12/20 19:44	10
4-Bromophenyl phenyl ether	<0.37		3.7	0.37	mg/Kg	☼	03/10/20 11:52	03/12/20 19:44	10
4-Chloro-3-methylphenol	<0.37		3.7	0.37	mg/Kg	☼	03/10/20 11:52	03/12/20 19:44	10
4-Chloroaniline	<0.37		3.7	0.37	mg/Kg	☼	03/10/20 11:52	03/12/20 19:44	10
4-Chlorophenyl phenyl ether	<0.37		3.7	0.37	mg/Kg	☼	03/10/20 11:52	03/12/20 19:44	10
4-Nitroaniline	<0.37		3.7	0.37	mg/Kg	☼	03/10/20 11:52	03/12/20 19:44	10
4-Nitrophenol	<1.2		3.7	1.2	mg/Kg	☼	03/10/20 11:52	03/12/20 19:44	10
Acenaphthene	**0.90**	**J**	3.7	0.37	mg/Kg	☼	03/10/20 11:52	03/12/20 19:44	10
Acenaphthylene	<0.37		3.7	0.37	mg/Kg	☼	03/10/20 11:52	03/12/20 19:44	10
Acetophenone	<0.37		3.7	0.37	mg/Kg	☼	03/10/20 11:52	03/12/20 19:44	10
Aniline	<0.48		3.7	0.48	mg/Kg	☼	03/10/20 11:52	03/12/20 19:44	10
Anthracene	**1.0**	**J**	3.7	0.37	mg/Kg	☼	03/10/20 11:52	03/12/20 19:44	10
Atrazine	<0.37		3.7	0.37	mg/Kg	☼	03/10/20 11:52	03/13/20 11:41	10
Azobenzene	<0.37		3.7	0.37	mg/Kg	☼	03/10/20 11:52	03/12/20 19:44	10
Benzaldehyde	<0.37		3.7	0.37	mg/Kg	☼	03/10/20 11:52	03/13/20 11:41	10
Benzidine	<1.1		11	1.1	mg/Kg	☼	03/10/20 11:52	03/12/20 19:44	10
Benzo[a]anthracene	**3.2**	**J**	3.7	0.37	mg/Kg	☼	03/10/20 11:52	03/12/20 19:44	10
Benzo[a]pyrene	**3.4**	**J**	3.7	0.37	mg/Kg	☼	03/10/20 11:52	03/12/20 19:44	10
Benzo[b]fluoranthene	**4.3**		3.7	0.37	mg/Kg	☼	03/10/20 11:52	03/12/20 19:44	10
Benzo[g,h,i]perylene	**1.8**	**J**	3.7	0.37	mg/Kg	☼	03/10/20 11:52	03/12/20 19:44	10
Benzo[k]fluoranthene	**1.4**	**J**	3.7	0.37	mg/Kg	☼	03/10/20 11:52	03/12/20 19:44	10
Benzoic acid	<3.9		11	3.9	mg/Kg	☼	03/10/20 11:52	03/13/20 11:41	10
Benzyl alcohol	<0.37		3.7	0.37	mg/Kg	☼	03/10/20 11:52	03/12/20 19:44	10
Bis(2-chloroethoxy)methane	<0.37		3.7	0.37	mg/Kg	☼	03/10/20 11:52	03/12/20 19:44	10
Bis(2-chloroethyl)ether	<0.37		3.7	0.37	mg/Kg	☼	03/10/20 11:52	03/12/20 19:44	10
Bis(2-ethylhexyl) phthalate	<0.37		3.7	0.37	mg/Kg	☼	03/10/20 11:52	03/12/20 19:44	10
Butyl benzyl phthalate	<0.37		3.7	0.37	mg/Kg	☼	03/10/20 11:52	03/12/20 19:44	10
Caprolactam	<0.37		3.7	0.37	mg/Kg	☼	03/10/20 11:52	03/13/20 11:41	10
Carbazole	**0.54**	**J**	3.7	0.37	mg/Kg	☼	03/10/20 11:52	03/12/20 19:44	10
Chrysene	**3.7**		3.7	0.37	mg/Kg	☼	03/10/20 11:52	03/12/20 19:44	10
Dibenz(a,h)anthracene	**0.87**	**J**	3.7	0.37	mg/Kg	☼	03/10/20 11:52	03/12/20 19:44	10
Dibenzofuran	<0.37		3.7	0.37	mg/Kg	☼	03/10/20 11:52	03/12/20 19:44	10
Diethyl phthalate	<0.37		3.7	0.37	mg/Kg	☼	03/10/20 11:52	03/12/20 19:44	10
Dimethyl phthalate	<0.37		3.7	0.37	mg/Kg	☼	03/10/20 11:52	03/12/20 19:44	10
Di-n-butyl phthalate	<0.37		3.7	0.37	mg/Kg	☼	03/10/20 11:52	03/12/20 19:44	10
Di-n-octyl phthalate	<0.37		3.7	0.37	mg/Kg	☼	03/10/20 11:52	03/12/20 19:44	10
Fluoranthene	**8.6**		3.7	0.37	mg/Kg	☼	03/10/20 11:52	03/12/20 19:44	10
Fluorene	**0.72**	**J**	3.7	0.37	mg/Kg	☼	03/10/20 11:52	03/12/20 19:44	10
Hexachlorobenzene	<1.1		3.7	1.1	mg/Kg	☼	03/10/20 11:52	03/12/20 19:44	10
Hexachlorobutadiene	<0.37		3.7	0.37	mg/Kg	☼	03/10/20 11:52	03/12/20 19:44	10
Hexachlorocyclopentadiene	<0.74		3.7	0.74	mg/Kg	☼	03/10/20 11:52	03/12/20 19:44	10
Hexachloroethane	<1.1		3.7	1.1	mg/Kg	☼	03/10/20 11:52	03/12/20 19:44	10
Hexadecane	<0.37		3.7	0.37	mg/Kg	☼	03/10/20 11:52	03/12/20 19:44	10
Indeno[1,2,3-cd]pyrene	**1.7**	**J**	3.7	0.37	mg/Kg	☼	03/10/20 11:52	03/12/20 19:44	10
Isophorone	<0.37		3.7	0.37	mg/Kg	☼	03/10/20 11:52	03/12/20 19:44	10

Client: SCS Engineers
Project/Site: Tidewater Gardens

Job ID: 400-184834-1

Client Sample ID: B-5
Date Collected: 03/02/20 10:12
Date Received: 03/04/20 09:30

Lab Sample ID: 400-184834-5
Matrix: Solid
Percent Solids: 88.7

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	<0.37		3.7	0.37	mg/Kg	☼	03/10/20 11:52	03/12/20 19:44	10
n-Decane	<0.37		3.7	0.37	mg/Kg	☼	03/10/20 11:52	03/12/20 19:44	10
Nitrobenzene	<0.37		3.7	0.37	mg/Kg	☼	03/10/20 11:52	03/12/20 19:44	10
N-Nitrosodimethylamine	<0.74		3.7	0.74	mg/Kg	☼	03/10/20 11:52	03/12/20 19:44	10
N-Nitrosodi-n-propylamine	<1.2		3.7	1.2	mg/Kg	☼	03/10/20 11:52	03/12/20 19:44	10
N-Nitrosodiphenylamine	<0.37		3.7	0.37	mg/Kg	☼	03/10/20 11:52	03/12/20 19:44	10
n-Octadecane	<0.37		3.7	0.37	mg/Kg	☼	03/10/20 11:52	03/12/20 19:44	10
Pentachlorophenol	<0.74		7.4	0.74	mg/Kg	☼	03/10/20 11:52	03/12/20 19:44	10
Phenanthrene	**9.1**		3.7	0.37	mg/Kg	☼	03/10/20 11:52	03/12/20 19:44	10
Phenol	<0.37		3.7	0.37	mg/Kg	☼	03/10/20 11:52	03/12/20 19:44	10
Pyrene	**6.3**		3.7	0.37	mg/Kg	☼	03/10/20 11:52	03/13/20 11:41	10
Pyridine	<1.7		3.7	1.7	mg/Kg	☼	03/10/20 11:52	03/12/20 19:44	10
Sulfolane	<0.37		3.7	0.37	mg/Kg	☼	03/10/20 11:52	03/13/20 11:41	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*90*		*10 - 150*	*03/10/20 11:52*	*03/12/20 19:44*	*10*
2-Fluorobiphenyl	*67*		*27 - 127*	*03/10/20 11:52*	*03/12/20 19:44*	*10*
2-Fluorophenol (Surr)	*55*		*25 - 128*	*03/10/20 11:52*	*03/12/20 19:44*	*10*
Nitrobenzene-d5 (Surr)	*55*		*15 - 136*	*03/10/20 11:52*	*03/12/20 19:44*	*10*
Phenol-d5 (Surr)	*62*		*29 - 130*	*03/10/20 11:52*	*03/12/20 19:44*	*10*
Terphenyl-d14 (Surr)	*81*		*24 - 146*	*03/10/20 11:52*	*03/12/20 19:44*	*10*

Method: 8015C - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO) -C6-C10	<3.1		6.2	3.1	mg/Kg	☼	03/05/20 13:10	03/08/20 19:43	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene (fid)	*105*		*65 - 125*	*03/05/20 13:10*	*03/08/20 19:43*	*50*

Method: 8015C - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**42**		5.6	2.2	mg/Kg	☼	03/10/20 10:24	03/12/20 23:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*68*		*27 - 151*	*03/10/20 10:24*	*03/12/20 23:26*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**11.3**		0.01		%			03/06/20 10:45	1

Client: SCS Engineers
Project/Site: Tidewater Gardens

Job ID: 400-184834-1

Client Sample ID: B-6
Date Collected: 03/02/20 11:10
Date Received: 03/04/20 09:30

Lab Sample ID: 400-184834-6
Matrix: Solid
Percent Solids: 90.2

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.0029		0.0058	0.0029	mg/Kg	☼	03/13/20 07:54	03/13/20 15:26	1
1,1,1-Trichloroethane	<0.0013		0.0058	0.0013	mg/Kg	☼	03/13/20 07:54	03/13/20 15:26	1
1,1,2,2-Tetrachloroethane	<0.0029		0.0058	0.0029	mg/Kg	☼	03/13/20 07:54	03/13/20 15:26	1
1,1,2-Trichloroethane	<0.0029		0.0058	0.0029	mg/Kg	☼	03/13/20 07:54	03/13/20 15:26	1
1,1-Dichloroethane	<0.00097		0.0058	0.00097	mg/Kg	☼	03/13/20 07:54	03/13/20 15:26	1
1,1-Dichloroethene	<0.0029		0.0058	0.0029	mg/Kg	☼	03/13/20 07:54	03/13/20 15:26	1
1,1-Dichloropropene	<0.0029		0.0058	0.0029	mg/Kg	☼	03/13/20 07:54	03/13/20 15:26	1
1,2,3-Trichlorobenzene	<0.0029		0.0058	0.0029	mg/Kg	☼	03/13/20 07:54	03/13/20 15:26	1
1,2,3-Trichloropropane	<0.0035		0.0058	0.0035	mg/Kg	☼	03/13/20 07:54	03/13/20 15:26	1
1,2,4-Trichlorobenzene	<0.0023		0.0058	0.0023	mg/Kg	☼	03/13/20 07:54	03/13/20 15:26	1
1,2,4-Trimethylbenzene	<0.0012		0.0058	0.0012	mg/Kg	☼	03/13/20 07:54	03/13/20 15:26	1
1,2-Dibromo-3-Chloropropane	<0.0039		0.0058	0.0039	mg/Kg	☼	03/13/20 07:54	03/13/20 15:26	1
1,2-Dichlorobenzene	<0.00083		0.0058	0.00083	mg/Kg	☼	03/13/20 07:54	03/13/20 15:26	1
1,2-Dichloroethane	<0.00096		0.0058	0.00096	mg/Kg	☼	03/13/20 07:54	03/13/20 15:26	1
1,2-Dichloropropane	<0.0029		0.0058	0.0029	mg/Kg	☼	03/13/20 07:54	03/13/20 15:26	1
1,3,5-Trimethylbenzene	<0.00097		0.0058	0.00097	mg/Kg	☼	03/13/20 07:54	03/13/20 15:26	1
1,3-Dichlorobenzene	<0.0011		0.0058	0.0011	mg/Kg	☼	03/13/20 07:54	03/13/20 15:26	1
1,3-Dichloropropane	<0.0012		0.0058	0.0012	mg/Kg	☼	03/13/20 07:54	03/13/20 15:26	1
1,4-Dichlorobenzene	<0.0029		0.0058	0.0029	mg/Kg	☼	03/13/20 07:54	03/13/20 15:26	1
2,2-Dichloropropane	<0.0029		0.0058	0.0029	mg/Kg	☼	03/13/20 07:54	03/13/20 15:26	1
2-Butanone (MEK)	<0.0070		0.029	0.0070	mg/Kg	☼	03/13/20 07:54	03/13/20 15:26	1
2-Chlorotoluene	<0.0029		0.0058	0.0029	mg/Kg	☼	03/13/20 07:54	03/13/20 15:26	1
2-Hexanone	<0.0058		0.029	0.0058	mg/Kg	☼	03/13/20 07:54	03/13/20 15:26	1
4-Chlorotoluene	<0.0011		0.0058	0.0011	mg/Kg	☼	03/13/20 07:54	03/13/20 15:26	1
4-Isopropyltoluene	<0.0012		0.0058	0.0012	mg/Kg	☼	03/13/20 07:54	03/13/20 15:26	1
4-Methyl-2-pentanone (MIBK)	<0.0058		0.029	0.0058	mg/Kg	☼	03/13/20 07:54	03/13/20 15:26	1
Acetone	<0.015		0.029	0.015	mg/Kg	☼	03/13/20 07:54	03/13/20 15:26	1
Benzene	<0.00078		0.0058	0.00078	mg/Kg	☼	03/13/20 07:54	03/13/20 15:26	1
Bromobenzene	<0.0015		0.0058	0.0015	mg/Kg	☼	03/13/20 07:54	03/13/20 15:26	1
Bromoform	<0.0029		0.0058	0.0029	mg/Kg	☼	03/13/20 07:54	03/13/20 15:26	1
Bromomethane	<0.0029		0.0058	0.0029	mg/Kg	☼	03/13/20 07:54	03/13/20 15:26	1
Carbon disulfide	<0.0029		0.0058	0.0029	mg/Kg	☼	03/13/20 07:54	03/13/20 15:26	1
Carbon tetrachloride	<0.0020		0.0058	0.0020	mg/Kg	☼	03/13/20 07:54	03/13/20 15:26	1
Chlorobenzene	<0.00061		0.0058	0.00061	mg/Kg	☼	03/13/20 07:54	03/13/20 15:26	1
Chlorobromomethane	<0.0029		0.0058	0.0029	mg/Kg	☼	03/13/20 07:54	03/13/20 15:26	1
Chlorodibromomethane	<0.0029		0.0058	0.0029	mg/Kg	☼	03/13/20 07:54	03/13/20 15:26	1
Chloroethane	<0.0029		0.0058	0.0029	mg/Kg	☼	03/13/20 07:54	03/13/20 15:26	1
Chloroform	<0.0029		0.0058	0.0029	mg/Kg	☼	03/13/20 07:54	03/13/20 15:26	1
Chloromethane	<0.0012		0.0058	0.0012	mg/Kg	☼	03/13/20 07:54	03/13/20 15:26	1
cis-1,2-Dichloroethene	<0.00089		0.0058	0.00089	mg/Kg	☼	03/13/20 07:54	03/13/20 15:26	1
cis-1,3-Dichloropropene	<0.0014		0.0058	0.0014	mg/Kg	☼	03/13/20 07:54	03/13/20 15:26	1
Dibromomethane	<0.0029		0.0058	0.0029	mg/Kg	☼	03/13/20 07:54	03/13/20 15:26	1
Dichlorobromomethane	<0.0029		0.0058	0.0029	mg/Kg	☼	03/13/20 07:54	03/13/20 15:26	1
Dichlorodifluoromethane	<0.0015		0.0058	0.0015	mg/Kg	☼	03/13/20 07:54	03/13/20 15:26	1
Ethylbenzene	<0.00071		0.0058	0.00071	mg/Kg	☼	03/13/20 07:54	03/13/20 15:26	1
Ethylene Dibromide	<0.0012		0.0058	0.0012	mg/Kg	☼	03/13/20 07:54	03/13/20 15:26	1
Hexachlorobutadiene	<0.0029		0.0058	0.0029	mg/Kg	☼	03/13/20 07:54	03/13/20 15:26	1
Iodomethane	<0.0040		0.0058	0.0040	mg/Kg	☼	03/13/20 07:54	03/13/20 15:26	1
Isopropyl ether	<0.00064		0.0058	0.00064	mg/Kg	☼	03/13/20 07:54	03/13/20 15:26	1

Client Sample ID: B-6
Date Collected: 03/02/20 11:10
Date Received: 03/04/20 09:30

Lab Sample ID: 400-184834-6
Matrix: Solid
Percent Solids: 90.2

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	<0.00080		0.0058	0.00080	mg/Kg	☼	03/13/20 07:54	03/13/20 15:26	1
Methyl tert-butyl ether	<0.0012		0.0058	0.0012	mg/Kg	☼	03/13/20 07:54	03/13/20 15:26	1
Methylene Chloride	<0.012		0.018	0.012	mg/Kg	☼	03/13/20 07:54	03/13/20 15:26	1
m-Xylene & p-Xylene	<0.0015		0.0058	0.0015	mg/Kg	☼	03/13/20 07:54	03/13/20 15:26	1
Naphthalene	<0.0023		0.0058	0.0023	mg/Kg	☼	03/13/20 07:54	03/13/20 15:26	1
n-Butylbenzene	<0.0011		0.0058	0.0011	mg/Kg	☼	03/13/20 07:54	03/13/20 15:26	1
N-Propylbenzene	<0.0011		0.0058	0.0011	mg/Kg	☼	03/13/20 07:54	03/13/20 15:26	1
o-Xylene	<0.0012		0.0058	0.0012	mg/Kg	☼	03/13/20 07:54	03/13/20 15:26	1
sec-Butylbenzene	<0.0011		0.0058	0.0011	mg/Kg	☼	03/13/20 07:54	03/13/20 15:26	1
Styrene	<0.0012		0.0058	0.0012	mg/Kg	☼	03/13/20 07:54	03/13/20 15:26	1
tert-Butylbenzene	<0.0029		0.0058	0.0029	mg/Kg	☼	03/13/20 07:54	03/13/20 15:26	1
Tetrachloroethene	<0.0029		0.0058	0.0029	mg/Kg	☼	03/13/20 07:54	03/13/20 15:26	1
Toluene	<0.0012		0.0058	0.0012	mg/Kg	☼	03/13/20 07:54	03/13/20 15:26	1
trans-1,2-Dichloroethene	<0.0029		0.0058	0.0029	mg/Kg	☼	03/13/20 07:54	03/13/20 15:26	1
trans-1,3-Dichloropropene	<0.0029		0.0058	0.0029	mg/Kg	☼	03/13/20 07:54	03/13/20 15:26	1
Trichloroethene	<0.0012		0.0058	0.0012	mg/Kg	☼	03/13/20 07:54	03/13/20 15:26	1
Trichlorofluoromethane	<0.0029		0.0058	0.0029	mg/Kg	☼	03/13/20 07:54	03/13/20 15:26	1
Vinyl acetate	<0.011		0.029	0.011	mg/Kg	☼	03/13/20 07:54	03/13/20 15:26	1
Vinyl chloride	<0.0029		0.0058	0.0029	mg/Kg	☼	03/13/20 07:54	03/13/20 15:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*104*		*67 - 130*	*03/13/20 07:54*	*03/13/20 15:26*	*1*
Dibromofluoromethane	*92*		*77 - 127*	*03/13/20 07:54*	*03/13/20 15:26*	*1*
Toluene-d8 (Surr)	*106*		*76 - 127*	*03/13/20 07:54*	*03/13/20 15:26*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	<0.036		0.36	0.036	mg/Kg	☼	03/10/20 11:52	03/12/20 17:40	1
1,2,4,5-Tetrachlorobenzene	<0.036		0.36	0.036	mg/Kg	☼	03/10/20 11:52	03/12/20 17:40	1
1,2,4-Trichlorobenzene	<0.036		0.36	0.036	mg/Kg	☼	03/10/20 11:52	03/12/20 17:40	1
1,2-Dichlorobenzene	<0.036		0.36	0.036	mg/Kg	☼	03/10/20 11:52	03/12/20 17:40	1
1,3-Dichlorobenzene	<0.036		0.36	0.036	mg/Kg	☼	03/10/20 11:52	03/12/20 17:40	1
1,3-Dinitrobenzene	<0.036		0.36	0.036	mg/Kg	☼	03/10/20 11:52	03/12/20 17:40	1
1,4-Dichlorobenzene	<0.036		0.36	0.036	mg/Kg	☼	03/10/20 11:52	03/12/20 17:40	1
1,4-Dioxane	<0.036		0.36	0.036	mg/Kg	☼	03/10/20 11:52	03/12/20 17:40	1
1-Methylnaphthalene	<0.036		0.36	0.036	mg/Kg	☼	03/10/20 11:52	03/12/20 17:40	1
2,2'-oxybis(1-chloropropane)	<0.036		0.36	0.036	mg/Kg	☼	03/10/20 11:52	03/12/20 17:40	1
2,3,4,6-Tetrachlorophenol	<0.036		0.36	0.036	mg/Kg	☼	03/10/20 11:52	03/12/20 17:40	1
2,4,5-Trichlorophenol	<0.036		0.36	0.036	mg/Kg	☼	03/10/20 11:52	03/12/20 17:40	1
2,4,6-Trichlorophenol	<0.036		0.36	0.036	mg/Kg	☼	03/10/20 11:52	03/12/20 17:40	1
2,4-Dichlorophenol	<0.036		0.36	0.036	mg/Kg	☼	03/10/20 11:52	03/12/20 17:40	1
2,4-Dimethylphenol	<0.036		0.36	0.036	mg/Kg	☼	03/10/20 11:52	03/12/20 17:40	1
2,4-Dinitrophenol	<0.32		1.1	0.32	mg/Kg	☼	03/10/20 11:52	03/12/20 17:40	1
2,4-Dinitrotoluene	<0.036		0.36	0.036	mg/Kg	☼	03/10/20 11:52	03/12/20 17:40	1
2,6-Dinitrotoluene	<0.036		0.36	0.036	mg/Kg	☼	03/10/20 11:52	03/12/20 17:40	1
2-Chloronaphthalene	<0.036		0.36	0.036	mg/Kg	☼	03/10/20 11:52	03/12/20 17:40	1
2-Chlorophenol	<0.036		0.36	0.036	mg/Kg	☼	03/10/20 11:52	03/12/20 17:40	1
2-Methylnaphthalene	<0.036		0.36	0.036	mg/Kg	☼	03/10/20 11:52	03/12/20 17:40	1
2-Methylphenol	<0.036		0.36	0.036	mg/Kg	☼	03/10/20 11:52	03/12/20 17:40	1
2-Nitroaniline	<0.036		0.36	0.036	mg/Kg	☼	03/10/20 11:52	03/12/20 17:40	1

Client Sample ID: B-6
Date Collected: 03/02/20 11:10
Date Received: 03/04/20 09:30

Lab Sample ID: 400-184834-6
Matrix: Solid
Percent Solids: 90.2

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitrophenol	<0.036		0.36	0.036	mg/Kg	☼	03/10/20 11:52	03/12/20 17:40	1
3 & 4 Methylphenol	<0.036		0.73	0.036	mg/Kg	☼	03/10/20 11:52	03/12/20 17:40	1
3,3'-Dichlorobenzidine	<0.036		0.36	0.036	mg/Kg	☼	03/10/20 11:52	03/12/20 17:40	1
3-Nitroaniline	<0.036		0.36	0.036	mg/Kg	☼	03/10/20 11:52	03/12/20 17:40	1
4,6-Dinitro-2-methylphenol	<0.036		0.36	0.036	mg/Kg	☼	03/10/20 11:52	03/12/20 17:40	1
4-Bromophenyl phenyl ether	<0.036		0.36	0.036	mg/Kg	☼	03/10/20 11:52	03/12/20 17:40	1
4-Chloro-3-methylphenol	<0.036		0.36	0.036	mg/Kg	☼	03/10/20 11:52	03/12/20 17:40	1
4-Chloroaniline	<0.036		0.36	0.036	mg/Kg	☼	03/10/20 11:52	03/12/20 17:40	1
4-Chlorophenyl phenyl ether	<0.036		0.36	0.036	mg/Kg	☼	03/10/20 11:52	03/12/20 17:40	1
4-Nitroaniline	<0.036		0.36	0.036	mg/Kg	☼	03/10/20 11:52	03/12/20 17:40	1
4-Nitrophenol	<0.12		0.36	0.12	mg/Kg	☼	03/10/20 11:52	03/12/20 17:40	1
Acenaphthene	<0.036		0.36	0.036	mg/Kg	☼	03/10/20 11:52	03/12/20 17:40	1
Acenaphthylene	<0.036		0.36	0.036	mg/Kg	☼	03/10/20 11:52	03/12/20 17:40	1
Acetophenone	<0.036		0.36	0.036	mg/Kg	☼	03/10/20 11:52	03/12/20 17:40	1
Aniline	<0.048		0.36	0.048	mg/Kg	☼	03/10/20 11:52	03/12/20 17:40	1
Anthracene	<0.036		0.36	0.036	mg/Kg	☼	03/10/20 11:52	03/12/20 17:40	1
Atrazine	<0.036		0.36	0.036	mg/Kg	☼	03/10/20 11:52	03/13/20 12:03	1
Azobenzene	<0.036		0.36	0.036	mg/Kg	☼	03/10/20 11:52	03/12/20 17:40	1
Benzaldehyde	<0.036		0.36	0.036	mg/Kg	☼	03/10/20 11:52	03/13/20 12:03	1
Benzidine	<0.11		1.1	0.11	mg/Kg	☼	03/10/20 11:52	03/12/20 17:40	1
Benzo[a]anthracene	<0.036		0.36	0.036	mg/Kg	☼	03/10/20 11:52	03/12/20 17:40	1
Benzo[a]pyrene	**0.054**	**J**	0.36	0.036	mg/Kg	☼	03/10/20 11:52	03/12/20 17:40	1
Benzo[b]fluoranthene	**0.042**	**J**	0.36	0.036	mg/Kg	☼	03/10/20 11:52	03/12/20 17:40	1
Benzo[g,h,i]perylene	<0.036		0.36	0.036	mg/Kg	☼	03/10/20 11:52	03/12/20 17:40	1
Benzo[k]fluoranthene	<0.036		0.36	0.036	mg/Kg	☼	03/10/20 11:52	03/12/20 17:40	1
Benzoic acid	<0.39		1.1	0.39	mg/Kg	☼	03/10/20 11:52	03/13/20 12:03	1
Benzyl alcohol	<0.036		0.36	0.036	mg/Kg	☼	03/10/20 11:52	03/12/20 17:40	1
Bis(2-chloroethoxy)methane	<0.036		0.36	0.036	mg/Kg	☼	03/10/20 11:52	03/12/20 17:40	1
Bis(2-chloroethyl)ether	<0.036		0.36	0.036	mg/Kg	☼	03/10/20 11:52	03/12/20 17:40	1
Bis(2-ethylhexyl) phthalate	**0.10**	**J B**	0.36	0.036	mg/Kg	☼	03/10/20 11:52	03/12/20 17:40	1
Butyl benzyl phthalate	<0.036		0.36	0.036	mg/Kg	☼	03/10/20 11:52	03/12/20 17:40	1
Caprolactam	<0.036		0.36	0.036	mg/Kg	☼	03/10/20 11:52	03/13/20 12:03	1
Carbazole	<0.036		0.36	0.036	mg/Kg	☼	03/10/20 11:52	03/12/20 17:40	1
Chrysene	<0.036		0.36	0.036	mg/Kg	☼	03/10/20 11:52	03/12/20 17:40	1
Dibenz(a,h)anthracene	**0.049**	**J**	0.36	0.036	mg/Kg	☼	03/10/20 11:52	03/12/20 17:40	1
Dibenzofuran	<0.036		0.36	0.036	mg/Kg	☼	03/10/20 11:52	03/12/20 17:40	1
Diethyl phthalate	<0.036		0.36	0.036	mg/Kg	☼	03/10/20 11:52	03/12/20 17:40	1
Dimethyl phthalate	<0.036		0.36	0.036	mg/Kg	☼	03/10/20 11:52	03/12/20 17:40	1
Di-n-butyl phthalate	**0.043**	**J B**	0.36	0.036	mg/Kg	☼	03/10/20 11:52	03/12/20 17:40	1
Di-n-octyl phthalate	<0.036		0.36	0.036	mg/Kg	☼	03/10/20 11:52	03/12/20 17:40	1
Fluoranthene	<0.036		0.36	0.036	mg/Kg	☼	03/10/20 11:52	03/12/20 17:40	1
Fluorene	<0.036		0.36	0.036	mg/Kg	☼	03/10/20 11:52	03/12/20 17:40	1
Hexachlorobenzene	<0.11		0.36	0.11	mg/Kg	☼	03/10/20 11:52	03/12/20 17:40	1
Hexachlorobutadiene	<0.036		0.36	0.036	mg/Kg	☼	03/10/20 11:52	03/12/20 17:40	1
Hexachlorocyclopentadiene	<0.073		0.36	0.073	mg/Kg	☼	03/10/20 11:52	03/12/20 17:40	1
Hexachloroethane	<0.11		0.36	0.11	mg/Kg	☼	03/10/20 11:52	03/12/20 17:40	1
Hexadecane	<0.036		0.36	0.036	mg/Kg	☼	03/10/20 11:52	03/12/20 17:40	1
Indeno[1,2,3-cd]pyrene	**0.046**	**J**	0.36	0.036	mg/Kg	☼	03/10/20 11:52	03/12/20 17:40	1
Isophorone	<0.036		0.36	0.036	mg/Kg	☼	03/10/20 11:52	03/12/20 17:40	1

Client Sample ID: B-6
Date Collected: 03/02/20 11:10
Date Received: 03/04/20 09:30

Lab Sample ID: 400-184834-6
Matrix: Solid
Percent Solids: 90.2

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	<0.036		0.36	0.036	mg/Kg	☼	03/10/20 11:52	03/12/20 17:40	1
n-Decane	<0.036		0.36	0.036	mg/Kg	☼	03/10/20 11:52	03/12/20 17:40	1
Nitrobenzene	<0.036		0.36	0.036	mg/Kg	☼	03/10/20 11:52	03/12/20 17:40	1
N-Nitrosodimethylamine	<0.073		0.36	0.073	mg/Kg	☼	03/10/20 11:52	03/12/20 17:40	1
N-Nitrosodi-n-propylamine	<0.12		0.36	0.12	mg/Kg	☼	03/10/20 11:52	03/12/20 17:40	1
N-Nitrosodiphenylamine	<0.036		0.36	0.036	mg/Kg	☼	03/10/20 11:52	03/12/20 17:40	1
n-Octadecane	<0.036		0.36	0.036	mg/Kg	☼	03/10/20 11:52	03/12/20 17:40	1
Pentachlorophenol	<0.073		0.73	0.073	mg/Kg	☼	03/10/20 11:52	03/12/20 17:40	1
Phenanthrene	<0.036		0.36	0.036	mg/Kg	☼	03/10/20 11:52	03/12/20 17:40	1
Phenol	<0.036		0.36	0.036	mg/Kg	☼	03/10/20 11:52	03/12/20 17:40	1
Pyrene	<0.036		0.36	0.036	mg/Kg	☼	03/10/20 11:52	03/12/20 17:40	1
Pyridine	<0.17		0.36	0.17	mg/Kg	☼	03/10/20 11:52	03/12/20 17:40	1
Sulfolane	<0.036		0.36	0.036	mg/Kg	☼	03/10/20 11:52	03/13/20 12:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*84*		*10 - 150*	*03/10/20 11:52*	*03/12/20 17:40*	*1*
2-Fluorobiphenyl	*74*		*27 - 127*	*03/10/20 11:52*	*03/12/20 17:40*	*1*
2-Fluorophenol (Surr)	*72*		*25 - 128*	*03/10/20 11:52*	*03/12/20 17:40*	*1*
Nitrobenzene-d5 (Surr)	*73*		*15 - 136*	*03/10/20 11:52*	*03/12/20 17:40*	*1*
Phenol-d5 (Surr)	*77*		*29 - 130*	*03/10/20 11:52*	*03/12/20 17:40*	*1*
Terphenyl-d14 (Surr)	*91*		*24 - 146*	*03/10/20 11:52*	*03/12/20 17:40*	*1*

Method: 8015C - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO) -C6-C10	<2.9		5.7	2.9	mg/Kg	☼	03/05/20 13:10	03/08/20 20:09	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene (fid)	*105*		*65 - 125*	*03/05/20 13:10*	*03/08/20 20:09*	*50*

Method: 8015C - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**8.9**		5.4	2.2	mg/Kg	☼	03/10/20 10:24	03/12/20 23:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*76*		*27 - 151*	*03/10/20 10:24*	*03/12/20 23:36*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**9.8**		0.01		%			03/06/20 10:45	1

Client: SCS Engineers
Project/Site: Tidewater Gardens

Job ID: 400-184834-1

Client Sample ID: B-7
Date Collected: 03/02/20 12:18
Date Received: 03/04/20 09:30

Lab Sample ID: 400-184834-7
Matrix: Solid
Percent Solids: 85.1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.0030		0.0059	0.0030	mg/Kg	☼	03/13/20 07:54	03/13/20 15:56	1
1,1,1-Trichloroethane	<0.0013		0.0059	0.0013	mg/Kg	☼	03/13/20 07:54	03/13/20 15:56	1
1,1,2,2-Tetrachloroethane	<0.0030		0.0059	0.0030	mg/Kg	☼	03/13/20 07:54	03/13/20 15:56	1
1,1,2-Trichloroethane	<0.0030		0.0059	0.0030	mg/Kg	☼	03/13/20 07:54	03/13/20 15:56	1
1,1-Dichloroethane	<0.00098		0.0059	0.00098	mg/Kg	☼	03/13/20 07:54	03/13/20 15:56	1
1,1-Dichloroethene	<0.0030		0.0059	0.0030	mg/Kg	☼	03/13/20 07:54	03/13/20 15:56	1
1,1-Dichloropropene	<0.0030		0.0059	0.0030	mg/Kg	☼	03/13/20 07:54	03/13/20 15:56	1
1,2,3-Trichlorobenzene	<0.0030		0.0059	0.0030	mg/Kg	☼	03/13/20 07:54	03/13/20 15:56	1
1,2,3-Trichloropropane	<0.0036		0.0059	0.0036	mg/Kg	☼	03/13/20 07:54	03/13/20 15:56	1
1,2,4-Trichlorobenzene	<0.0024		0.0059	0.0024	mg/Kg	☼	03/13/20 07:54	03/13/20 15:56	1
1,2,4-Trimethylbenzene	<0.0012		0.0059	0.0012	mg/Kg	☼	03/13/20 07:54	03/13/20 15:56	1
1,2-Dibromo-3-Chloropropane	<0.0039		0.0059	0.0039	mg/Kg	☼	03/13/20 07:54	03/13/20 15:56	1
1,2-Dichlorobenzene	<0.00084		0.0059	0.00084	mg/Kg	☼	03/13/20 07:54	03/13/20 15:56	1
1,2-Dichloroethane	<0.00097		0.0059	0.00097	mg/Kg	☼	03/13/20 07:54	03/13/20 15:56	1
1,2-Dichloropropane	<0.0030		0.0059	0.0030	mg/Kg	☼	03/13/20 07:54	03/13/20 15:56	1
1,3,5-Trimethylbenzene	<0.00098		0.0059	0.00098	mg/Kg	☼	03/13/20 07:54	03/13/20 15:56	1
1,3-Dichlorobenzene	<0.0011		0.0059	0.0011	mg/Kg	☼	03/13/20 07:54	03/13/20 15:56	1
1,3-Dichloropropane	<0.0012		0.0059	0.0012	mg/Kg	☼	03/13/20 07:54	03/13/20 15:56	1
1,4-Dichlorobenzene	<0.0030		0.0059	0.0030	mg/Kg	☼	03/13/20 07:54	03/13/20 15:56	1
2,2-Dichloropropane	<0.0030		0.0059	0.0030	mg/Kg	☼	03/13/20 07:54	03/13/20 15:56	1
2-Butanone (MEK)	<0.0071		0.030	0.0071	mg/Kg	☼	03/13/20 07:54	03/13/20 15:56	1
2-Chlorotoluene	<0.0030		0.0059	0.0030	mg/Kg	☼	03/13/20 07:54	03/13/20 15:56	1
2-Hexanone	<0.0059		0.030	0.0059	mg/Kg	☼	03/13/20 07:54	03/13/20 15:56	1
4-Chlorotoluene	<0.0012		0.0059	0.0012	mg/Kg	☼	03/13/20 07:54	03/13/20 15:56	1
4-Isopropyltoluene	<0.0012		0.0059	0.0012	mg/Kg	☼	03/13/20 07:54	03/13/20 15:56	1
4-Methyl-2-pentanone (MIBK)	<0.0059		0.030	0.0059	mg/Kg	☼	03/13/20 07:54	03/13/20 15:56	1
Acetone	<0.015		0.030	0.015	mg/Kg	☼	03/13/20 07:54	03/13/20 15:56	1
Benzene	<0.00080		0.0059	0.00080	mg/Kg	☼	03/13/20 07:54	03/13/20 15:56	1
Bromobenzene	<0.0015		0.0059	0.0015	mg/Kg	☼	03/13/20 07:54	03/13/20 15:56	1
Bromoform	<0.0030		0.0059	0.0030	mg/Kg	☼	03/13/20 07:54	03/13/20 15:56	1
Bromomethane	<0.0030		0.0059	0.0030	mg/Kg	☼	03/13/20 07:54	03/13/20 15:56	1
Carbon disulfide	<0.0030		0.0059	0.0030	mg/Kg	☼	03/13/20 07:54	03/13/20 15:56	1
Carbon tetrachloride	<0.0020		0.0059	0.0020	mg/Kg	☼	03/13/20 07:54	03/13/20 15:56	1
Chlorobenzene	<0.00062		0.0059	0.00062	mg/Kg	☼	03/13/20 07:54	03/13/20 15:56	1
Chlorobromomethane	<0.0030		0.0059	0.0030	mg/Kg	☼	03/13/20 07:54	03/13/20 15:56	1
Chlorodibromomethane	<0.0030		0.0059	0.0030	mg/Kg	☼	03/13/20 07:54	03/13/20 15:56	1
Chloroethane	<0.0030		0.0059	0.0030	mg/Kg	☼	03/13/20 07:54	03/13/20 15:56	1
Chloroform	<0.0030		0.0059	0.0030	mg/Kg	☼	03/13/20 07:54	03/13/20 15:56	1
Chloromethane	<0.0012		0.0059	0.0012	mg/Kg	☼	03/13/20 07:54	03/13/20 15:56	1
cis-1,2-Dichloroethene	<0.00090		0.0059	0.00090	mg/Kg	☼	03/13/20 07:54	03/13/20 15:56	1
cis-1,3-Dichloropropene	<0.0014		0.0059	0.0014	mg/Kg	☼	03/13/20 07:54	03/13/20 15:56	1
Dibromomethane	<0.0030		0.0059	0.0030	mg/Kg	☼	03/13/20 07:54	03/13/20 15:56	1
Dichlorobromomethane	<0.0030		0.0059	0.0030	mg/Kg	☼	03/13/20 07:54	03/13/20 15:56	1
Dichlorodifluoromethane	<0.0015		0.0059	0.0015	mg/Kg	☼	03/13/20 07:54	03/13/20 15:56	1
Ethylbenzene	<0.00072		0.0059	0.00072	mg/Kg	☼	03/13/20 07:54	03/13/20 15:56	1
Ethylene Dibromide	<0.0012		0.0059	0.0012	mg/Kg	☼	03/13/20 07:54	03/13/20 15:56	1
Hexachlorobutadiene	<0.0030		0.0059	0.0030	mg/Kg	☼	03/13/20 07:54	03/13/20 15:56	1
Iodomethane	<0.0040		0.0059	0.0040	mg/Kg	☼	03/13/20 07:54	03/13/20 15:56	1
Isopropyl ether	<0.00065		0.0059	0.00065	mg/Kg	☼	03/13/20 07:54	03/13/20 15:56	1

Client Sample ID: B-7
Date Collected: 03/02/20 12:18
Date Received: 03/04/20 09:30

Lab Sample ID: 400-184834-7
Matrix: Solid
Percent Solids: 85.1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	<0.00081		0.0059	0.00081	mg/Kg	☼	03/13/20 07:54	03/13/20 15:56	1
Methyl tert-butyl ether	<0.0012		0.0059	0.0012	mg/Kg	☼	03/13/20 07:54	03/13/20 15:56	1
Methylene Chloride	<0.012		0.018	0.012	mg/Kg	☼	03/13/20 07:54	03/13/20 15:56	1
m-Xylene & p-Xylene	<0.0015		0.0059	0.0015	mg/Kg	☼	03/13/20 07:54	03/13/20 15:56	1
Naphthalene	<0.0024		0.0059	0.0024	mg/Kg	☼	03/13/20 07:54	03/13/20 15:56	1
n-Butylbenzene	<0.0011		0.0059	0.0011	mg/Kg	☼	03/13/20 07:54	03/13/20 15:56	1
N-Propylbenzene	<0.0011		0.0059	0.0011	mg/Kg	☼	03/13/20 07:54	03/13/20 15:56	1
o-Xylene	<0.0012		0.0059	0.0012	mg/Kg	☼	03/13/20 07:54	03/13/20 15:56	1
sec-Butylbenzene	<0.0011		0.0059	0.0011	mg/Kg	☼	03/13/20 07:54	03/13/20 15:56	1
Styrene	<0.0012		0.0059	0.0012	mg/Kg	☼	03/13/20 07:54	03/13/20 15:56	1
tert-Butylbenzene	<0.0030		0.0059	0.0030	mg/Kg	☼	03/13/20 07:54	03/13/20 15:56	1
Tetrachloroethene	<0.0030		0.0059	0.0030	mg/Kg	☼	03/13/20 07:54	03/13/20 15:56	1
Toluene	**0.0013**	**J**	0.0059	0.0012	mg/Kg	☼	03/13/20 07:54	03/13/20 15:56	1
trans-1,2-Dichloroethene	<0.0030		0.0059	0.0030	mg/Kg	☼	03/13/20 07:54	03/13/20 15:56	1
trans-1,3-Dichloropropene	<0.0030		0.0059	0.0030	mg/Kg	☼	03/13/20 07:54	03/13/20 15:56	1
Trichloroethene	<0.0012		0.0059	0.0012	mg/Kg	☼	03/13/20 07:54	03/13/20 15:56	1
Trichlorofluoromethane	<0.0030		0.0059	0.0030	mg/Kg	☼	03/13/20 07:54	03/13/20 15:56	1
Vinyl acetate	<0.011		0.030	0.011	mg/Kg	☼	03/13/20 07:54	03/13/20 15:56	1
Vinyl chloride	<0.0030		0.0059	0.0030	mg/Kg	☼	03/13/20 07:54	03/13/20 15:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*108*		*67 - 130*	*03/13/20 07:54*	*03/13/20 15:56*	*1*
Dibromofluoromethane	*93*		*77 - 127*	*03/13/20 07:54*	*03/13/20 15:56*	*1*
Toluene-d8 (Surr)	*105*		*76 - 127*	*03/13/20 07:54*	*03/13/20 15:56*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	<0.038		0.38	0.038	mg/Kg	☼	03/10/20 11:52	03/12/20 18:01	1
1,2,4,5-Tetrachlorobenzene	<0.038		0.38	0.038	mg/Kg	☼	03/10/20 11:52	03/12/20 18:01	1
1,2,4-Trichlorobenzene	<0.038		0.38	0.038	mg/Kg	☼	03/10/20 11:52	03/12/20 18:01	1
1,2-Dichlorobenzene	<0.038		0.38	0.038	mg/Kg	☼	03/10/20 11:52	03/12/20 18:01	1
1,3-Dichlorobenzene	<0.038		0.38	0.038	mg/Kg	☼	03/10/20 11:52	03/12/20 18:01	1
1,3-Dinitrobenzene	<0.038		0.38	0.038	mg/Kg	☼	03/10/20 11:52	03/12/20 18:01	1
1,4-Dichlorobenzene	<0.038		0.38	0.038	mg/Kg	☼	03/10/20 11:52	03/12/20 18:01	1
1,4-Dioxane	<0.038		0.38	0.038	mg/Kg	☼	03/10/20 11:52	03/12/20 18:01	1
1-Methylnaphthalene	<0.038		0.38	0.038	mg/Kg	☼	03/10/20 11:52	03/12/20 18:01	1
2,2'-oxybis(1-chloropropane)	<0.038		0.38	0.038	mg/Kg	☼	03/10/20 11:52	03/12/20 18:01	1
2,3,4,6-Tetrachlorophenol	<0.038		0.38	0.038	mg/Kg	☼	03/10/20 11:52	03/12/20 18:01	1
2,4,5-Trichlorophenol	<0.038		0.38	0.038	mg/Kg	☼	03/10/20 11:52	03/12/20 18:01	1
2,4,6-Trichlorophenol	<0.038		0.38	0.038	mg/Kg	☼	03/10/20 11:52	03/12/20 18:01	1
2,4-Dichlorophenol	<0.038		0.38	0.038	mg/Kg	☼	03/10/20 11:52	03/12/20 18:01	1
2,4-Dimethylphenol	<0.038		0.38	0.038	mg/Kg	☼	03/10/20 11:52	03/12/20 18:01	1
2,4-Dinitrophenol	<0.33		1.1	0.33	mg/Kg	☼	03/10/20 11:52	03/12/20 18:01	1
2,4-Dinitrotoluene	<0.038		0.38	0.038	mg/Kg	☼	03/10/20 11:52	03/12/20 18:01	1
2,6-Dinitrotoluene	<0.038		0.38	0.038	mg/Kg	☼	03/10/20 11:52	03/12/20 18:01	1
2-Chloronaphthalene	<0.038		0.38	0.038	mg/Kg	☼	03/10/20 11:52	03/12/20 18:01	1
2-Chlorophenol	<0.038		0.38	0.038	mg/Kg	☼	03/10/20 11:52	03/12/20 18:01	1
2-Methylnaphthalene	<0.038		0.38	0.038	mg/Kg	☼	03/10/20 11:52	03/12/20 18:01	1
2-Methylphenol	<0.038		0.38	0.038	mg/Kg	☼	03/10/20 11:52	03/12/20 18:01	1
2-Nitroaniline	<0.038		0.38	0.038	mg/Kg	☼	03/10/20 11:52	03/12/20 18:01	1

Client Sample ID: B-7
Date Collected: 03/02/20 12:18
Date Received: 03/04/20 09:30

Lab Sample ID: 400-184834-7
Matrix: Solid
Percent Solids: 85.1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitrophenol	<0.038		0.38	0.038	mg/Kg	☼	03/10/20 11:52	03/12/20 18:01	1
3 & 4 Methylphenol	<0.038		0.76	0.038	mg/Kg	☼	03/10/20 11:52	03/12/20 18:01	1
3,3'-Dichlorobenzidine	<0.038		0.38	0.038	mg/Kg	☼	03/10/20 11:52	03/12/20 18:01	1
3-Nitroaniline	<0.038		0.38	0.038	mg/Kg	☼	03/10/20 11:52	03/12/20 18:01	1
4,6-Dinitro-2-methylphenol	<0.038		0.38	0.038	mg/Kg	☼	03/10/20 11:52	03/12/20 18:01	1
4-Bromophenyl phenyl ether	<0.038		0.38	0.038	mg/Kg	☼	03/10/20 11:52	03/12/20 18:01	1
4-Chloro-3-methylphenol	<0.038		0.38	0.038	mg/Kg	☼	03/10/20 11:52	03/12/20 18:01	1
4-Chloroaniline	<0.038		0.38	0.038	mg/Kg	☼	03/10/20 11:52	03/12/20 18:01	1
4-Chlorophenyl phenyl ether	<0.038		0.38	0.038	mg/Kg	☼	03/10/20 11:52	03/12/20 18:01	1
4-Nitroaniline	<0.038		0.38	0.038	mg/Kg	☼	03/10/20 11:52	03/12/20 18:01	1
4-Nitrophenol	<0.13		0.38	0.13	mg/Kg	☼	03/10/20 11:52	03/12/20 18:01	1
Acenaphthene	<0.038		0.38	0.038	mg/Kg	☼	03/10/20 11:52	03/12/20 18:01	1
Acenaphthylene	<0.038		0.38	0.038	mg/Kg	☼	03/10/20 11:52	03/12/20 18:01	1
Acetophenone	<0.038		0.38	0.038	mg/Kg	☼	03/10/20 11:52	03/12/20 18:01	1
Aniline	<0.049		0.38	0.049	mg/Kg	☼	03/10/20 11:52	03/12/20 18:01	1
Anthracene	<0.038		0.38	0.038	mg/Kg	☼	03/10/20 11:52	03/12/20 18:01	1
Atrazine	<0.038		0.38	0.038	mg/Kg	☼	03/10/20 11:52	03/13/20 12:24	1
Azobenzene	<0.038		0.38	0.038	mg/Kg	☼	03/10/20 11:52	03/12/20 18:01	1
Benzaldehyde	<0.038		0.38	0.038	mg/Kg	☼	03/10/20 11:52	03/13/20 12:24	1
Benzidine	<0.11		1.1	0.11	mg/Kg	☼	03/10/20 11:52	03/12/20 18:01	1
Benzo[a]anthracene	**0.11**	**J**	0.38	0.038	mg/Kg	☼	03/10/20 11:52	03/12/20 18:01	1
Benzo[a]pyrene	**0.15**	**J**	0.38	0.038	mg/Kg	☼	03/10/20 11:52	03/12/20 18:01	1
Benzo[b]fluoranthene	**0.17**	**J**	0.38	0.038	mg/Kg	☼	03/10/20 11:52	03/12/20 18:01	1
Benzo[g,h,i]perylene	**0.090**	**J**	0.38	0.038	mg/Kg	☼	03/10/20 11:52	03/12/20 18:01	1
Benzo[k]fluoranthene	**0.062**	**J**	0.38	0.038	mg/Kg	☼	03/10/20 11:52	03/12/20 18:01	1
Benzoic acid	<0.40		1.1	0.40	mg/Kg	☼	03/10/20 11:52	03/13/20 12:24	1
Benzyl alcohol	<0.038		0.38	0.038	mg/Kg	☼	03/10/20 11:52	03/12/20 18:01	1
Bis(2-chloroethoxy)methane	<0.038		0.38	0.038	mg/Kg	☼	03/10/20 11:52	03/12/20 18:01	1
Bis(2-chloroethyl)ether	<0.038		0.38	0.038	mg/Kg	☼	03/10/20 11:52	03/12/20 18:01	1
Bis(2-ethylhexyl) phthalate	**0.12**	**J B**	0.38	0.038	mg/Kg	☼	03/10/20 11:52	03/12/20 18:01	1
Butyl benzyl phthalate	<0.038		0.38	0.038	mg/Kg	☼	03/10/20 11:52	03/12/20 18:01	1
Caprolactam	<0.038		0.38	0.038	mg/Kg	☼	03/10/20 11:52	03/13/20 12:24	1
Carbazole	<0.038		0.38	0.038	mg/Kg	☼	03/10/20 11:52	03/12/20 18:01	1
Chrysene	**0.13**	**J**	0.38	0.038	mg/Kg	☼	03/10/20 11:52	03/12/20 18:01	1
Dibenz(a,h)anthracene	**0.062**	**J**	0.38	0.038	mg/Kg	☼	03/10/20 11:52	03/12/20 18:01	1
Dibenzofuran	<0.038		0.38	0.038	mg/Kg	☼	03/10/20 11:52	03/12/20 18:01	1
Diethyl phthalate	<0.038		0.38	0.038	mg/Kg	☼	03/10/20 11:52	03/12/20 18:01	1
Dimethyl phthalate	<0.038		0.38	0.038	mg/Kg	☼	03/10/20 11:52	03/12/20 18:01	1
Di-n-butyl phthalate	**0.045**	**J B**	0.38	0.038	mg/Kg	☼	03/10/20 11:52	03/12/20 18:01	1
Di-n-octyl phthalate	<0.038		0.38	0.038	mg/Kg	☼	03/10/20 11:52	03/12/20 18:01	1
Fluoranthene	**0.20**	**J**	0.38	0.038	mg/Kg	☼	03/10/20 11:52	03/12/20 18:01	1
Fluorene	<0.038		0.38	0.038	mg/Kg	☼	03/10/20 11:52	03/12/20 18:01	1
Hexachlorobenzene	<0.12		0.38	0.12	mg/Kg	☼	03/10/20 11:52	03/12/20 18:01	1
Hexachlorobutadiene	<0.038		0.38	0.038	mg/Kg	☼	03/10/20 11:52	03/12/20 18:01	1
Hexachlorocyclopentadiene	<0.076		0.38	0.076	mg/Kg	☼	03/10/20 11:52	03/12/20 18:01	1
Hexachloroethane	<0.12		0.38	0.12	mg/Kg	☼	03/10/20 11:52	03/12/20 18:01	1
Hexadecane	<0.038		0.38	0.038	mg/Kg	☼	03/10/20 11:52	03/12/20 18:01	1
Indeno[1,2,3-cd]pyrene	**0.094**	**J**	0.38	0.038	mg/Kg	☼	03/10/20 11:52	03/12/20 18:01	1
Isophorone	<0.038		0.38	0.038	mg/Kg	☼	03/10/20 11:52	03/12/20 18:01	1

Client: SCS Engineers
Project/Site: Tidewater Gardens

Job ID: 400-184834-1

Client Sample ID: B-7
Date Collected: 03/02/20 12:18
Date Received: 03/04/20 09:30

Lab Sample ID: 400-184834-7
Matrix: Solid
Percent Solids: 85.1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	<0.038		0.38	0.038	mg/Kg	☼	03/10/20 11:52	03/12/20 18:01	1
n-Decane	<0.038		0.38	0.038	mg/Kg	☼	03/10/20 11:52	03/12/20 18:01	1
Nitrobenzene	<0.038		0.38	0.038	mg/Kg	☼	03/10/20 11:52	03/12/20 18:01	1
N-Nitrosodimethylamine	<0.076		0.38	0.076	mg/Kg	☼	03/10/20 11:52	03/12/20 18:01	1
N-Nitrosodi-n-propylamine	<0.13		0.38	0.13	mg/Kg	☼	03/10/20 11:52	03/12/20 18:01	1
N-Nitrosodiphenylamine	<0.038		0.38	0.038	mg/Kg	☼	03/10/20 11:52	03/12/20 18:01	1
n-Octadecane	<0.038		0.38	0.038	mg/Kg	☼	03/10/20 11:52	03/12/20 18:01	1
Pentachlorophenol	<0.076		0.76	0.076	mg/Kg	☼	03/10/20 11:52	03/12/20 18:01	1
Phenanthrene	**0.12**	**J**	0.38	0.038	mg/Kg	☼	03/10/20 11:52	03/12/20 18:01	1
Phenol	<0.038		0.38	0.038	mg/Kg	☼	03/10/20 11:52	03/12/20 18:01	1
Pyrene	**0.20**	**J**	0.38	0.038	mg/Kg	☼	03/10/20 11:52	03/12/20 18:01	1
Pyridine	<0.17		0.38	0.17	mg/Kg	☼	03/10/20 11:52	03/12/20 18:01	1
Sulfolane	<0.038		0.38	0.038	mg/Kg	☼	03/10/20 11:52	03/13/20 12:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*88*		*10 - 150*	*03/10/20 11:52*	*03/12/20 18:01*	*1*
2-Fluorobiphenyl	*75*		*27 - 127*	*03/10/20 11:52*	*03/12/20 18:01*	*1*
2-Fluorophenol (Surr)	*72*		*25 - 128*	*03/10/20 11:52*	*03/12/20 18:01*	*1*
Nitrobenzene-d5 (Surr)	*74*		*15 - 136*	*03/10/20 11:52*	*03/12/20 18:01*	*1*
Phenol-d5 (Surr)	*77*		*29 - 130*	*03/10/20 11:52*	*03/12/20 18:01*	*1*
Terphenyl-d14 (Surr)	*88*		*24 - 146*	*03/10/20 11:52*	*03/12/20 18:01*	*1*

Method: 8015C - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO) -C6-C10	<3.4		6.8	3.4	mg/Kg	☼	03/05/20 13:10	03/08/20 21:28	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene (fid)	*105*		*65 - 125*	*03/05/20 13:10*	*03/08/20 21:28*	*50*

Method: 8015C - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**22**		5.8	2.3	mg/Kg	☼	03/10/20 10:24	03/12/20 23:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*67*		*27 - 151*	*03/10/20 10:24*	*03/12/20 23:46*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**14.9**		0.01		%			03/06/20 10:45	1

Client: SCS Engineers
Project/Site: Tidewater Gardens

Job ID: 400-184834-1

Client Sample ID: B-8
Date Collected: 03/03/20 10:01
Date Received: 03/04/20 09:30

Lab Sample ID: 400-184834-8
Matrix: Solid
Percent Solids: 69.5

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.0037		0.0074	0.0037	mg/Kg	☼	03/13/20 07:54	03/13/20 16:26	1
1,1,1-Trichloroethane	<0.0016		0.0074	0.0016	mg/Kg	☼	03/13/20 07:54	03/13/20 16:26	1
1,1,2,2-Tetrachloroethane	<0.0037		0.0074	0.0037	mg/Kg	☼	03/13/20 07:54	03/13/20 16:26	1
1,1,2-Trichloroethane	<0.0037		0.0074	0.0037	mg/Kg	☼	03/13/20 07:54	03/13/20 16:26	1
1,1-Dichloroethane	<0.0012		0.0074	0.0012	mg/Kg	☼	03/13/20 07:54	03/13/20 16:26	1
1,1-Dichloroethene	<0.0037		0.0074	0.0037	mg/Kg	☼	03/13/20 07:54	03/13/20 16:26	1
1,1-Dichloropropene	<0.0037		0.0074	0.0037	mg/Kg	☼	03/13/20 07:54	03/13/20 16:26	1
1,2,3-Trichlorobenzene	<0.0037		0.0074	0.0037	mg/Kg	☼	03/13/20 07:54	03/13/20 16:26	1
1,2,3-Trichloropropane	<0.0044		0.0074	0.0044	mg/Kg	☼	03/13/20 07:54	03/13/20 16:26	1
1,2,4-Trichlorobenzene	<0.0030		0.0074	0.0030	mg/Kg	☼	03/13/20 07:54	03/13/20 16:26	1
1,2,4-Trimethylbenzene	<0.0015		0.0074	0.0015	mg/Kg	☼	03/13/20 07:54	03/13/20 16:26	1
1,2-Dibromo-3-Chloropropane	<0.0049		0.0074	0.0049	mg/Kg	☼	03/13/20 07:54	03/13/20 16:26	1
1,2-Dichlorobenzene	<0.0010		0.0074	0.0010	mg/Kg	☼	03/13/20 07:54	03/13/20 16:26	1
1,2-Dichloroethane	<0.0012		0.0074	0.0012	mg/Kg	☼	03/13/20 07:54	03/13/20 16:26	1
1,2-Dichloropropane	<0.0037		0.0074	0.0037	mg/Kg	☼	03/13/20 07:54	03/13/20 16:26	1
1,3,5-Trimethylbenzene	<0.0012		0.0074	0.0012	mg/Kg	☼	03/13/20 07:54	03/13/20 16:26	1
1,3-Dichlorobenzene	<0.0014		0.0074	0.0014	mg/Kg	☼	03/13/20 07:54	03/13/20 16:26	1
1,3-Dichloropropane	<0.0015		0.0074	0.0015	mg/Kg	☼	03/13/20 07:54	03/13/20 16:26	1
1,4-Dichlorobenzene	<0.0037		0.0074	0.0037	mg/Kg	☼	03/13/20 07:54	03/13/20 16:26	1
2,2-Dichloropropane	<0.0037		0.0074	0.0037	mg/Kg	☼	03/13/20 07:54	03/13/20 16:26	1
2-Butanone (MEK)	<0.0089		0.037	0.0089	mg/Kg	☼	03/13/20 07:54	03/13/20 16:26	1
2-Chlorotoluene	<0.0037		0.0074	0.0037	mg/Kg	☼	03/13/20 07:54	03/13/20 16:26	1
2-Hexanone	<0.0074		0.037	0.0074	mg/Kg	☼	03/13/20 07:54	03/13/20 16:26	1
4-Chlorotoluene	<0.0014		0.0074	0.0014	mg/Kg	☼	03/13/20 07:54	03/13/20 16:26	1
4-Isopropyltoluene	<0.0015		0.0074	0.0015	mg/Kg	☼	03/13/20 07:54	03/13/20 16:26	1
4-Methyl-2-pentanone (MIBK)	<0.0074		0.037	0.0074	mg/Kg	☼	03/13/20 07:54	03/13/20 16:26	1
Acetone	<0.019		0.037	0.019	mg/Kg	☼	03/13/20 07:54	03/13/20 16:26	1
Benzene	<0.00099		0.0074	0.00099	mg/Kg	☼	03/13/20 07:54	03/13/20 16:26	1
Bromobenzene	<0.0019		0.0074	0.0019	mg/Kg	☼	03/13/20 07:54	03/13/20 16:26	1
Bromoform	<0.0037		0.0074	0.0037	mg/Kg	☼	03/13/20 07:54	03/13/20 16:26	1
Bromomethane	<0.0037		0.0074	0.0037	mg/Kg	☼	03/13/20 07:54	03/13/20 16:26	1
Carbon disulfide	<0.0037		0.0074	0.0037	mg/Kg	☼	03/13/20 07:54	03/13/20 16:26	1
Carbon tetrachloride	<0.0025		0.0074	0.0025	mg/Kg	☼	03/13/20 07:54	03/13/20 16:26	1
Chlorobenzene	<0.00077		0.0074	0.00077	mg/Kg	☼	03/13/20 07:54	03/13/20 16:26	1
Chlorobromomethane	<0.0037		0.0074	0.0037	mg/Kg	☼	03/13/20 07:54	03/13/20 16:26	1
Chlorodibromomethane	<0.0037		0.0074	0.0037	mg/Kg	☼	03/13/20 07:54	03/13/20 16:26	1
Chloroethane	<0.0037		0.0074	0.0037	mg/Kg	☼	03/13/20 07:54	03/13/20 16:26	1
Chloroform	<0.0037		0.0074	0.0037	mg/Kg	☼	03/13/20 07:54	03/13/20 16:26	1
Chloromethane	<0.0015		0.0074	0.0015	mg/Kg	☼	03/13/20 07:54	03/13/20 16:26	1
cis-1,2-Dichloroethene	<0.0011		0.0074	0.0011	mg/Kg	☼	03/13/20 07:54	03/13/20 16:26	1
cis-1,3-Dichloropropene	<0.0018		0.0074	0.0018	mg/Kg	☼	03/13/20 07:54	03/13/20 16:26	1
Dibromomethane	<0.0037		0.0074	0.0037	mg/Kg	☼	03/13/20 07:54	03/13/20 16:26	1
Dichlorobromomethane	<0.0037		0.0074	0.0037	mg/Kg	☼	03/13/20 07:54	03/13/20 16:26	1
Dichlorodifluoromethane	<0.0019		0.0074	0.0019	mg/Kg	☼	03/13/20 07:54	03/13/20 16:26	1
Ethylbenzene	<0.00090		0.0074	0.00090	mg/Kg	☼	03/13/20 07:54	03/13/20 16:26	1
Ethylene Dibromide	<0.0015		0.0074	0.0015	mg/Kg	☼	03/13/20 07:54	03/13/20 16:26	1
Hexachlorobutadiene	<0.0037		0.0074	0.0037	mg/Kg	☼	03/13/20 07:54	03/13/20 16:26	1
Iodomethane	<0.0050		0.0074	0.0050	mg/Kg	☼	03/13/20 07:54	03/13/20 16:26	1
Isopropyl ether	<0.00081		0.0074	0.00081	mg/Kg	☼	03/13/20 07:54	03/13/20 16:26	1

Client Sample ID: B-8
Date Collected: 03/03/20 10:01
Date Received: 03/04/20 09:30

Lab Sample ID: 400-184834-8
Matrix: Solid
Percent Solids: 69.5

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	<0.0010		0.0074	0.0010	mg/Kg	☼	03/13/20 07:54	03/13/20 16:26	1
Methyl tert-butyl ether	<0.0015		0.0074	0.0015	mg/Kg	☼	03/13/20 07:54	03/13/20 16:26	1
Methylene Chloride	<0.015		0.022	0.015	mg/Kg	☼	03/13/20 07:54	03/13/20 16:26	1
m-Xylene & p-Xylene	<0.0019		0.0074	0.0019	mg/Kg	☼	03/13/20 07:54	03/13/20 16:26	1
Naphthalene	<0.0030		0.0074	0.0030	mg/Kg	☼	03/13/20 07:54	03/13/20 16:26	1
n-Butylbenzene	<0.0014		0.0074	0.0014	mg/Kg	☼	03/13/20 07:54	03/13/20 16:26	1
N-Propylbenzene	<0.0013		0.0074	0.0013	mg/Kg	☼	03/13/20 07:54	03/13/20 16:26	1
o-Xylene	<0.0015		0.0074	0.0015	mg/Kg	☼	03/13/20 07:54	03/13/20 16:26	1
sec-Butylbenzene	<0.0014		0.0074	0.0014	mg/Kg	☼	03/13/20 07:54	03/13/20 16:26	1
Styrene	<0.0015		0.0074	0.0015	mg/Kg	☼	03/13/20 07:54	03/13/20 16:26	1
tert-Butylbenzene	<0.0037		0.0074	0.0037	mg/Kg	☼	03/13/20 07:54	03/13/20 16:26	1
Tetrachloroethene	<0.0037		0.0074	0.0037	mg/Kg	☼	03/13/20 07:54	03/13/20 16:26	1
Toluene	**0.0017**	**J**	0.0074	0.0015	mg/Kg	☼	03/13/20 07:54	03/13/20 16:26	1
trans-1,2-Dichloroethene	<0.0037		0.0074	0.0037	mg/Kg	☼	03/13/20 07:54	03/13/20 16:26	1
trans-1,3-Dichloropropene	<0.0037		0.0074	0.0037	mg/Kg	☼	03/13/20 07:54	03/13/20 16:26	1
Trichloroethene	<0.0015		0.0074	0.0015	mg/Kg	☼	03/13/20 07:54	03/13/20 16:26	1
Trichlorofluoromethane	<0.0037		0.0074	0.0037	mg/Kg	☼	03/13/20 07:54	03/13/20 16:26	1
Vinyl acetate	<0.013		0.037	0.013	mg/Kg	☼	03/13/20 07:54	03/13/20 16:26	1
Vinyl chloride	<0.0037		0.0074	0.0037	mg/Kg	☼	03/13/20 07:54	03/13/20 16:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*108*		*67 - 130*	*03/13/20 07:54*	*03/13/20 16:26*	*1*
Dibromofluoromethane	*92*		*77 - 127*	*03/13/20 07:54*	*03/13/20 16:26*	*1*
Toluene-d8 (Surr)	*106*		*76 - 127*	*03/13/20 07:54*	*03/13/20 16:26*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	<0.23		2.3	0.23	mg/Kg	☼	03/10/20 11:52	03/12/20 19:03	5
1,2,4,5-Tetrachlorobenzene	<0.23		2.3	0.23	mg/Kg	☼	03/10/20 11:52	03/12/20 19:03	5
1,2,4-Trichlorobenzene	<0.23		2.3	0.23	mg/Kg	☼	03/10/20 11:52	03/12/20 19:03	5
1,2-Dichlorobenzene	<0.23		2.3	0.23	mg/Kg	☼	03/10/20 11:52	03/12/20 19:03	5
1,3-Dichlorobenzene	<0.23		2.3	0.23	mg/Kg	☼	03/10/20 11:52	03/12/20 19:03	5
1,3-Dinitrobenzene	<0.23		2.3	0.23	mg/Kg	☼	03/10/20 11:52	03/12/20 19:03	5
1,4-Dichlorobenzene	<0.23		2.3	0.23	mg/Kg	☼	03/10/20 11:52	03/12/20 19:03	5
1,4-Dioxane	<0.23		2.3	0.23	mg/Kg	☼	03/10/20 11:52	03/12/20 19:03	5
1-Methylnaphthalene	<0.23		2.3	0.23	mg/Kg	☼	03/10/20 11:52	03/12/20 19:03	5
2,2'-oxybis(1-chloropropane)	<0.23		2.3	0.23	mg/Kg	☼	03/10/20 11:52	03/12/20 19:03	5
2,3,4,6-Tetrachlorophenol	<0.23		2.3	0.23	mg/Kg	☼	03/10/20 11:52	03/12/20 19:03	5
2,4,5-Trichlorophenol	<0.23		2.3	0.23	mg/Kg	☼	03/10/20 11:52	03/12/20 19:03	5
2,4,6-Trichlorophenol	<0.23		2.3	0.23	mg/Kg	☼	03/10/20 11:52	03/12/20 19:03	5
2,4-Dichlorophenol	<0.23		2.3	0.23	mg/Kg	☼	03/10/20 11:52	03/12/20 19:03	5
2,4-Dimethylphenol	<0.23		2.3	0.23	mg/Kg	☼	03/10/20 11:52	03/12/20 19:03	5
2,4-Dinitrophenol	<2.0		7.0	2.0	mg/Kg	☼	03/10/20 11:52	03/12/20 19:03	5
2,4-Dinitrotoluene	<0.23		2.3	0.23	mg/Kg	☼	03/10/20 11:52	03/12/20 19:03	5
2,6-Dinitrotoluene	<0.23		2.3	0.23	mg/Kg	☼	03/10/20 11:52	03/12/20 19:03	5
2-Chloronaphthalene	<0.23		2.3	0.23	mg/Kg	☼	03/10/20 11:52	03/12/20 19:03	5
2-Chlorophenol	<0.23		2.3	0.23	mg/Kg	☼	03/10/20 11:52	03/12/20 19:03	5
2-Methylnaphthalene	<0.23		2.3	0.23	mg/Kg	☼	03/10/20 11:52	03/12/20 19:03	5
2-Methylphenol	<0.23		2.3	0.23	mg/Kg	☼	03/10/20 11:52	03/12/20 19:03	5
2-Nitroaniline	<0.23		2.3	0.23	mg/Kg	☼	03/10/20 11:52	03/12/20 19:03	5

Client: SCS Engineers
Project/Site: Tidewater Gardens

Job ID: 400-184834-1

Client Sample ID: B-8
Date Collected: 03/03/20 10:01
Date Received: 03/04/20 09:30

Lab Sample ID: 400-184834-8
Matrix: Solid
Percent Solids: 69.5

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitrophenol	<0.23		2.3	0.23	mg/Kg	☼	03/10/20 11:52	03/12/20 19:03	5
3 & 4 Methylphenol	<0.23		4.7	0.23	mg/Kg	☼	03/10/20 11:52	03/12/20 19:03	5
3,3'-Dichlorobenzidine	<0.23		2.3	0.23	mg/Kg	☼	03/10/20 11:52	03/12/20 19:03	5
3-Nitroaniline	<0.23		2.3	0.23	mg/Kg	☼	03/10/20 11:52	03/12/20 19:03	5
4,6-Dinitro-2-methylphenol	<0.23		2.3	0.23	mg/Kg	☼	03/10/20 11:52	03/12/20 19:03	5
4-Bromophenyl phenyl ether	<0.23		2.3	0.23	mg/Kg	☼	03/10/20 11:52	03/12/20 19:03	5
4-Chloro-3-methylphenol	<0.23		2.3	0.23	mg/Kg	☼	03/10/20 11:52	03/12/20 19:03	5
4-Chloroaniline	<0.23		2.3	0.23	mg/Kg	☼	03/10/20 11:52	03/12/20 19:03	5
4-Chlorophenyl phenyl ether	<0.23		2.3	0.23	mg/Kg	☼	03/10/20 11:52	03/12/20 19:03	5
4-Nitroaniline	<0.23		2.3	0.23	mg/Kg	☼	03/10/20 11:52	03/12/20 19:03	5
4-Nitrophenol	<0.78		2.3	0.78	mg/Kg	☼	03/10/20 11:52	03/12/20 19:03	5
Acenaphthene	**0.24**	**J**	2.3	0.23	mg/Kg	☼	03/10/20 11:52	03/12/20 19:03	5
Acenaphthylene	<0.23		2.3	0.23	mg/Kg	☼	03/10/20 11:52	03/12/20 19:03	5
Acetophenone	<0.23		2.3	0.23	mg/Kg	☼	03/10/20 11:52	03/12/20 19:03	5
Aniline	<0.30		2.3	0.30	mg/Kg	☼	03/10/20 11:52	03/12/20 19:03	5
Anthracene	**0.64**	**J**	2.3	0.23	mg/Kg	☼	03/10/20 11:52	03/12/20 19:03	5
Atrazine	<0.23		2.3	0.23	mg/Kg	☼	03/10/20 11:52	03/13/20 12:45	5
Azobenzene	<0.23		2.3	0.23	mg/Kg	☼	03/10/20 11:52	03/12/20 19:03	5
Benzaldehyde	<0.23		2.3	0.23	mg/Kg	☼	03/10/20 11:52	03/13/20 12:45	5
Benzidine	<0.70		7.0	0.70	mg/Kg	☼	03/10/20 11:52	03/12/20 19:03	5
Benzo[a]anthracene	**2.0**	**J**	2.3	0.23	mg/Kg	☼	03/10/20 11:52	03/12/20 19:03	5
Benzo[a]pyrene	**1.8**	**J**	2.3	0.23	mg/Kg	☼	03/10/20 11:52	03/12/20 19:03	5
Benzo[b]fluoranthene	**2.5**		2.3	0.23	mg/Kg	☼	03/10/20 11:52	03/12/20 19:03	5
Benzo[g,h,i]perylene	**0.98**	**J**	2.3	0.23	mg/Kg	☼	03/10/20 11:52	03/12/20 19:03	5
Benzo[k]fluoranthene	**0.87**	**J**	2.3	0.23	mg/Kg	☼	03/10/20 11:52	03/12/20 19:03	5
Benzoic acid	<2.5		7.0	2.5	mg/Kg	☼	03/10/20 11:52	03/13/20 12:45	5
Benzyl alcohol	<0.23		2.3	0.23	mg/Kg	☼	03/10/20 11:52	03/12/20 19:03	5
Bis(2-chloroethoxy)methane	<0.23		2.3	0.23	mg/Kg	☼	03/10/20 11:52	03/12/20 19:03	5
Bis(2-chloroethyl)ether	<0.23		2.3	0.23	mg/Kg	☼	03/10/20 11:52	03/12/20 19:03	5
Bis(2-ethylhexyl) phthalate	<0.23		2.3	0.23	mg/Kg	☼	03/10/20 11:52	03/12/20 19:03	5
Butyl benzyl phthalate	<0.23		2.3	0.23	mg/Kg	☼	03/10/20 11:52	03/12/20 19:03	5
Caprolactam	<0.23		2.3	0.23	mg/Kg	☼	03/10/20 11:52	03/13/20 12:45	5
Carbazole	**0.37**	**J**	2.3	0.23	mg/Kg	☼	03/10/20 11:52	03/12/20 19:03	5
Chrysene	**2.0**	**J**	2.3	0.23	mg/Kg	☼	03/10/20 11:52	03/12/20 19:03	5
Dibenz(a,h)anthracene	**0.55**	**J**	2.3	0.23	mg/Kg	☼	03/10/20 11:52	03/12/20 19:03	5
Dibenzofuran	<0.23		2.3	0.23	mg/Kg	☼	03/10/20 11:52	03/12/20 19:03	5
Diethyl phthalate	<0.23		2.3	0.23	mg/Kg	☼	03/10/20 11:52	03/12/20 19:03	5
Dimethyl phthalate	<0.23		2.3	0.23	mg/Kg	☼	03/10/20 11:52	03/12/20 19:03	5
Di-n-butyl phthalate	<0.23		2.3	0.23	mg/Kg	☼	03/10/20 11:52	03/12/20 19:03	5
Di-n-octyl phthalate	<0.23		2.3	0.23	mg/Kg	☼	03/10/20 11:52	03/12/20 19:03	5
Fluoranthene	**4.9**		2.3	0.23	mg/Kg	☼	03/10/20 11:52	03/12/20 19:03	5
Fluorene	<0.23		2.3	0.23	mg/Kg	☼	03/10/20 11:52	03/12/20 19:03	5
Hexachlorobenzene	<0.71		2.3	0.71	mg/Kg	☼	03/10/20 11:52	03/12/20 19:03	5
Hexachlorobutadiene	<0.23		2.3	0.23	mg/Kg	☼	03/10/20 11:52	03/12/20 19:03	5
Hexachlorocyclopentadiene	<0.47		2.3	0.47	mg/Kg	☼	03/10/20 11:52	03/12/20 19:03	5
Hexachloroethane	<0.71		2.3	0.71	mg/Kg	☼	03/10/20 11:52	03/12/20 19:03	5
Hexadecane	<0.23		2.3	0.23	mg/Kg	☼	03/10/20 11:52	03/12/20 19:03	5
Indeno[1,2,3-cd]pyrene	**0.96**	**J**	2.3	0.23	mg/Kg	☼	03/10/20 11:52	03/12/20 19:03	5
Isophorone	<0.23		2.3	0.23	mg/Kg	☼	03/10/20 11:52	03/12/20 19:03	5

Client: SCS Engineers
Project/Site: Tidewater Gardens

Job ID: 400-184834-1

Client Sample ID: B-8
Date Collected: 03/03/20 10:01
Date Received: 03/04/20 09:30

Lab Sample ID: 400-184834-8
Matrix: Solid
Percent Solids: 69.5

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	<0.23		2.3	0.23	mg/Kg	☼	03/10/20 11:52	03/12/20 19:03	5
n-Decane	<0.23		2.3	0.23	mg/Kg	☼	03/10/20 11:52	03/12/20 19:03	5
Nitrobenzene	<0.23		2.3	0.23	mg/Kg	☼	03/10/20 11:52	03/12/20 19:03	5
N-Nitrosodimethylamine	<0.47		2.3	0.47	mg/Kg	☼	03/10/20 11:52	03/12/20 19:03	5
N-Nitrosodi-n-propylamine	<0.78		2.3	0.78	mg/Kg	☼	03/10/20 11:52	03/12/20 19:03	5
N-Nitrosodiphenylamine	<0.23		2.3	0.23	mg/Kg	☼	03/10/20 11:52	03/12/20 19:03	5
n-Octadecane	<0.23		2.3	0.23	mg/Kg	☼	03/10/20 11:52	03/12/20 19:03	5
Pentachlorophenol	<0.47		4.7	0.47	mg/Kg	☼	03/10/20 11:52	03/12/20 19:03	5
Phenanthrene	**3.5**		2.3	0.23	mg/Kg	☼	03/10/20 11:52	03/12/20 19:03	5
Phenol	<0.23		2.3	0.23	mg/Kg	☼	03/10/20 11:52	03/12/20 19:03	5
Pyrene	**2.7**		2.3	0.23	mg/Kg	☼	03/10/20 11:52	03/13/20 12:45	5
Pyridine	<1.1		2.3	1.1	mg/Kg	☼	03/10/20 11:52	03/12/20 19:03	5
Sulfolane	<0.23		2.3	0.23	mg/Kg	☼	03/10/20 11:52	03/13/20 12:45	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*69*		*10 - 150*	*03/10/20 11:52*	*03/12/20 19:03*	*5*
2-Fluorobiphenyl	*64*		*27 - 127*	*03/10/20 11:52*	*03/12/20 19:03*	*5*
2-Fluorophenol (Surr)	*51*		*25 - 128*	*03/10/20 11:52*	*03/12/20 19:03*	*5*
Nitrobenzene-d5 (Surr)	*61*		*15 - 136*	*03/10/20 11:52*	*03/12/20 19:03*	*5*
Phenol-d5 (Surr)	*60*		*29 - 130*	*03/10/20 11:52*	*03/12/20 19:03*	*5*
Terphenyl-d14 (Surr)	*76*		*24 - 146*	*03/10/20 11:52*	*03/12/20 19:03*	*5*

Method: 8015C - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO) -C6-C10	<4.7		9.3	4.7	mg/Kg	☼	03/05/20 13:10	03/08/20 21:55	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene (fid)	*105*		*65 - 125*	*03/05/20 13:10*	*03/08/20 21:55*	*50*

Method: 8015C - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**84**		7.1	2.9	mg/Kg	☼	03/10/20 10:24	03/12/20 23:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*87*		*27 - 151*	*03/10/20 10:24*	*03/12/20 23:56*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**30.5**		0.01		%			03/06/20 11:23	1

Client: SCS Engineers
Project/Site: Tidewater Gardens

Job ID: 400-184834-1

Client Sample ID: B-9
Date Collected: 03/03/20 11:03
Date Received: 03/04/20 09:30

Lab Sample ID: 400-184834-9
Matrix: Solid
Percent Solids: 85.2

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.0028		0.0056	0.0028	mg/Kg	☼	03/13/20 07:54	03/13/20 16:56	1
1,1,1-Trichloroethane	<0.0012		0.0056	0.0012	mg/Kg	☼	03/13/20 07:54	03/13/20 16:56	1
1,1,2,2-Tetrachloroethane	<0.0028		0.0056	0.0028	mg/Kg	☼	03/13/20 07:54	03/13/20 16:56	1
1,1,2-Trichloroethane	<0.0028		0.0056	0.0028	mg/Kg	☼	03/13/20 07:54	03/13/20 16:56	1
1,1-Dichloroethane	<0.00093		0.0056	0.00093	mg/Kg	☼	03/13/20 07:54	03/13/20 16:56	1
1,1-Dichloroethene	<0.0028		0.0056	0.0028	mg/Kg	☼	03/13/20 07:54	03/13/20 16:56	1
1,1-Dichloropropene	<0.0028		0.0056	0.0028	mg/Kg	☼	03/13/20 07:54	03/13/20 16:56	1
1,2,3-Trichlorobenzene	<0.0028		0.0056	0.0028	mg/Kg	☼	03/13/20 07:54	03/13/20 16:56	1
1,2,3-Trichloropropane	<0.0034		0.0056	0.0034	mg/Kg	☼	03/13/20 07:54	03/13/20 16:56	1
1,2,4-Trichlorobenzene	<0.0022		0.0056	0.0022	mg/Kg	☼	03/13/20 07:54	03/13/20 16:56	1
1,2,4-Trimethylbenzene	<0.0011		0.0056	0.0011	mg/Kg	☼	03/13/20 07:54	03/13/20 16:56	1
1,2-Dibromo-3-Chloropropane	<0.0037		0.0056	0.0037	mg/Kg	☼	03/13/20 07:54	03/13/20 16:56	1
1,2-Dichlorobenzene	<0.00079		0.0056	0.00079	mg/Kg	☼	03/13/20 07:54	03/13/20 16:56	1
1,2-Dichloroethane	<0.00092		0.0056	0.00092	mg/Kg	☼	03/13/20 07:54	03/13/20 16:56	1
1,2-Dichloropropane	<0.0028		0.0056	0.0028	mg/Kg	☼	03/13/20 07:54	03/13/20 16:56	1
1,3,5-Trimethylbenzene	<0.00093		0.0056	0.00093	mg/Kg	☼	03/13/20 07:54	03/13/20 16:56	1
1,3-Dichlorobenzene	<0.0011		0.0056	0.0011	mg/Kg	☼	03/13/20 07:54	03/13/20 16:56	1
1,3-Dichloropropane	<0.0011		0.0056	0.0011	mg/Kg	☼	03/13/20 07:54	03/13/20 16:56	1
1,4-Dichlorobenzene	<0.0028		0.0056	0.0028	mg/Kg	☼	03/13/20 07:54	03/13/20 16:56	1
2,2-Dichloropropane	<0.0028		0.0056	0.0028	mg/Kg	☼	03/13/20 07:54	03/13/20 16:56	1
2-Butanone (MEK)	<0.0067		0.028	0.0067	mg/Kg	☼	03/13/20 07:54	03/13/20 16:56	1
2-Chlorotoluene	<0.0028		0.0056	0.0028	mg/Kg	☼	03/13/20 07:54	03/13/20 16:56	1
2-Hexanone	<0.0056		0.028	0.0056	mg/Kg	☼	03/13/20 07:54	03/13/20 16:56	1
4-Chlorotoluene	<0.0011		0.0056	0.0011	mg/Kg	☼	03/13/20 07:54	03/13/20 16:56	1
4-Isopropyltoluene	<0.0011		0.0056	0.0011	mg/Kg	☼	03/13/20 07:54	03/13/20 16:56	1
4-Methyl-2-pentanone (MIBK)	<0.0056		0.028	0.0056	mg/Kg	☼	03/13/20 07:54	03/13/20 16:56	1
Acetone	<0.015		0.028	0.015	mg/Kg	☼	03/13/20 07:54	03/13/20 16:56	1
Benzene	<0.00075		0.0056	0.00075	mg/Kg	☼	03/13/20 07:54	03/13/20 16:56	1
Bromobenzene	<0.0015		0.0056	0.0015	mg/Kg	☼	03/13/20 07:54	03/13/20 16:56	1
Bromoform	<0.0028		0.0056	0.0028	mg/Kg	☼	03/13/20 07:54	03/13/20 16:56	1
Bromomethane	<0.0028		0.0056	0.0028	mg/Kg	☼	03/13/20 07:54	03/13/20 16:56	1
Carbon disulfide	<0.0028		0.0056	0.0028	mg/Kg	☼	03/13/20 07:54	03/13/20 16:56	1
Carbon tetrachloride	<0.0019		0.0056	0.0019	mg/Kg	☼	03/13/20 07:54	03/13/20 16:56	1
Chlorobenzene	<0.00058		0.0056	0.00058	mg/Kg	☼	03/13/20 07:54	03/13/20 16:56	1
Chlorobromomethane	<0.0028		0.0056	0.0028	mg/Kg	☼	03/13/20 07:54	03/13/20 16:56	1
Chlorodibromomethane	<0.0028		0.0056	0.0028	mg/Kg	☼	03/13/20 07:54	03/13/20 16:56	1
Chloroethane	<0.0028		0.0056	0.0028	mg/Kg	☼	03/13/20 07:54	03/13/20 16:56	1
Chloroform	<0.0028		0.0056	0.0028	mg/Kg	☼	03/13/20 07:54	03/13/20 16:56	1
Chloromethane	<0.0011		0.0056	0.0011	mg/Kg	☼	03/13/20 07:54	03/13/20 16:56	1
cis-1,2-Dichloroethene	<0.00085		0.0056	0.00085	mg/Kg	☼	03/13/20 07:54	03/13/20 16:56	1
cis-1,3-Dichloropropene	<0.0013		0.0056	0.0013	mg/Kg	☼	03/13/20 07:54	03/13/20 16:56	1
Dibromomethane	<0.0028		0.0056	0.0028	mg/Kg	☼	03/13/20 07:54	03/13/20 16:56	1
Dichlorobromomethane	<0.0028		0.0056	0.0028	mg/Kg	☼	03/13/20 07:54	03/13/20 16:56	1
Dichlorodifluoromethane	<0.0015		0.0056	0.0015	mg/Kg	☼	03/13/20 07:54	03/13/20 16:56	1
Ethylbenzene	<0.00068		0.0056	0.00068	mg/Kg	☼	03/13/20 07:54	03/13/20 16:56	1
Ethylene Dibromide	<0.0011		0.0056	0.0011	mg/Kg	☼	03/13/20 07:54	03/13/20 16:56	1
Hexachlorobutadiene	<0.0028		0.0056	0.0028	mg/Kg	☼	03/13/20 07:54	03/13/20 16:56	1
Iodomethane	<0.0038		0.0056	0.0038	mg/Kg	☼	03/13/20 07:54	03/13/20 16:56	1
Isopropyl ether	<0.00061		0.0056	0.00061	mg/Kg	☼	03/13/20 07:54	03/13/20 16:56	1

Client Sample ID: B-9
Date Collected: 03/03/20 11:03
Date Received: 03/04/20 09:30

Lab Sample ID: 400-184834-9
Matrix: Solid
Percent Solids: 85.2

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	<0.00076		0.0056	0.00076	mg/Kg	☼	03/13/20 07:54	03/13/20 16:56	1
Methyl tert-butyl ether	<0.0011		0.0056	0.0011	mg/Kg	☼	03/13/20 07:54	03/13/20 16:56	1
Methylene Chloride	<0.011		0.017	0.011	mg/Kg	☼	03/13/20 07:54	03/13/20 16:56	1
m-Xylene & p-Xylene	<0.0015		0.0056	0.0015	mg/Kg	☼	03/13/20 07:54	03/13/20 16:56	1
Naphthalene	<0.0022		0.0056	0.0022	mg/Kg	☼	03/13/20 07:54	03/13/20 16:56	1
n-Butylbenzene	<0.0011		0.0056	0.0011	mg/Kg	☼	03/13/20 07:54	03/13/20 16:56	1
N-Propylbenzene	<0.0010		0.0056	0.0010	mg/Kg	☼	03/13/20 07:54	03/13/20 16:56	1
o-Xylene	<0.0011		0.0056	0.0011	mg/Kg	☼	03/13/20 07:54	03/13/20 16:56	1
sec-Butylbenzene	<0.0011		0.0056	0.0011	mg/Kg	☼	03/13/20 07:54	03/13/20 16:56	1
Styrene	<0.0011		0.0056	0.0011	mg/Kg	☼	03/13/20 07:54	03/13/20 16:56	1
tert-Butylbenzene	<0.0028		0.0056	0.0028	mg/Kg	☼	03/13/20 07:54	03/13/20 16:56	1
Tetrachloroethene	<0.0028		0.0056	0.0028	mg/Kg	☼	03/13/20 07:54	03/13/20 16:56	1
Toluene	<0.0011		0.0056	0.0011	mg/Kg	☼	03/13/20 07:54	03/13/20 16:56	1
trans-1,2-Dichloroethene	<0.0028		0.0056	0.0028	mg/Kg	☼	03/13/20 07:54	03/13/20 16:56	1
trans-1,3-Dichloropropene	<0.0028		0.0056	0.0028	mg/Kg	☼	03/13/20 07:54	03/13/20 16:56	1
Trichloroethene	<0.0011		0.0056	0.0011	mg/Kg	☼	03/13/20 07:54	03/13/20 16:56	1
Trichlorofluoromethane	<0.0028		0.0056	0.0028	mg/Kg	☼	03/13/20 07:54	03/13/20 16:56	1
Vinyl acetate	<0.010		0.028	0.010	mg/Kg	☼	03/13/20 07:54	03/13/20 16:56	1
Vinyl chloride	<0.0028		0.0056	0.0028	mg/Kg	☼	03/13/20 07:54	03/13/20 16:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*103*		*67 - 130*	*03/13/20 07:54*	*03/13/20 16:56*	*1*
Dibromofluoromethane	*93*		*77 - 127*	*03/13/20 07:54*	*03/13/20 16:56*	*1*
Toluene-d8 (Surr)	*105*		*76 - 127*	*03/13/20 07:54*	*03/13/20 16:56*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	<0.038		0.38	0.038	mg/Kg	☼	03/10/20 11:52	03/12/20 18:21	1
1,2,4,5-Tetrachlorobenzene	<0.038		0.38	0.038	mg/Kg	☼	03/10/20 11:52	03/12/20 18:21	1
1,2,4-Trichlorobenzene	<0.038		0.38	0.038	mg/Kg	☼	03/10/20 11:52	03/12/20 18:21	1
1,2-Dichlorobenzene	<0.038		0.38	0.038	mg/Kg	☼	03/10/20 11:52	03/12/20 18:21	1
1,3-Dichlorobenzene	<0.038		0.38	0.038	mg/Kg	☼	03/10/20 11:52	03/12/20 18:21	1
1,3-Dinitrobenzene	<0.038		0.38	0.038	mg/Kg	☼	03/10/20 11:52	03/12/20 18:21	1
1,4-Dichlorobenzene	<0.038		0.38	0.038	mg/Kg	☼	03/10/20 11:52	03/12/20 18:21	1
1,4-Dioxane	<0.038		0.38	0.038	mg/Kg	☼	03/10/20 11:52	03/12/20 18:21	1
1-Methylnaphthalene	<0.038		0.38	0.038	mg/Kg	☼	03/10/20 11:52	03/12/20 18:21	1
2,2'-oxybis(1-chloropropane)	<0.038		0.38	0.038	mg/Kg	☼	03/10/20 11:52	03/12/20 18:21	1
2,3,4,6-Tetrachlorophenol	<0.038		0.38	0.038	mg/Kg	☼	03/10/20 11:52	03/12/20 18:21	1
2,4,5-Trichlorophenol	<0.038		0.38	0.038	mg/Kg	☼	03/10/20 11:52	03/12/20 18:21	1
2,4,6-Trichlorophenol	<0.038		0.38	0.038	mg/Kg	☼	03/10/20 11:52	03/12/20 18:21	1
2,4-Dichlorophenol	<0.038		0.38	0.038	mg/Kg	☼	03/10/20 11:52	03/12/20 18:21	1
2,4-Dimethylphenol	<0.038		0.38	0.038	mg/Kg	☼	03/10/20 11:52	03/12/20 18:21	1
2,4-Dinitrophenol	<0.33		1.1	0.33	mg/Kg	☼	03/10/20 11:52	03/12/20 18:21	1
2,4-Dinitrotoluene	<0.038		0.38	0.038	mg/Kg	☼	03/10/20 11:52	03/12/20 18:21	1
2,6-Dinitrotoluene	<0.038		0.38	0.038	mg/Kg	☼	03/10/20 11:52	03/12/20 18:21	1
2-Chloronaphthalene	<0.038		0.38	0.038	mg/Kg	☼	03/10/20 11:52	03/12/20 18:21	1
2-Chlorophenol	<0.038		0.38	0.038	mg/Kg	☼	03/10/20 11:52	03/12/20 18:21	1
2-Methylnaphthalene	<0.038		0.38	0.038	mg/Kg	☼	03/10/20 11:52	03/12/20 18:21	1
2-Methylphenol	<0.038		0.38	0.038	mg/Kg	☼	03/10/20 11:52	03/12/20 18:21	1
2-Nitroaniline	<0.038		0.38	0.038	mg/Kg	☼	03/10/20 11:52	03/12/20 18:21	1

Client Sample ID: B-9
Date Collected: 03/03/20 11:03
Date Received: 03/04/20 09:30

Lab Sample ID: 400-184834-9
Matrix: Solid
Percent Solids: 85.2

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitrophenol	<0.038		0.38	0.038	mg/Kg	☼	03/10/20 11:52	03/12/20 18:21	1
3 & 4 Methylphenol	<0.038		0.76	0.038	mg/Kg	☼	03/10/20 11:52	03/12/20 18:21	1
3,3'-Dichlorobenzidine	<0.038		0.38	0.038	mg/Kg	☼	03/10/20 11:52	03/12/20 18:21	1
3-Nitroaniline	<0.038		0.38	0.038	mg/Kg	☼	03/10/20 11:52	03/12/20 18:21	1
4,6-Dinitro-2-methylphenol	<0.038		0.38	0.038	mg/Kg	☼	03/10/20 11:52	03/12/20 18:21	1
4-Bromophenyl phenyl ether	<0.038		0.38	0.038	mg/Kg	☼	03/10/20 11:52	03/12/20 18:21	1
4-Chloro-3-methylphenol	<0.038		0.38	0.038	mg/Kg	☼	03/10/20 11:52	03/12/20 18:21	1
4-Chloroaniline	<0.038		0.38	0.038	mg/Kg	☼	03/10/20 11:52	03/12/20 18:21	1
4-Chlorophenyl phenyl ether	<0.038		0.38	0.038	mg/Kg	☼	03/10/20 11:52	03/12/20 18:21	1
4-Nitroaniline	<0.038		0.38	0.038	mg/Kg	☼	03/10/20 11:52	03/12/20 18:21	1
4-Nitrophenol	<0.13		0.38	0.13	mg/Kg	☼	03/10/20 11:52	03/12/20 18:21	1
Acenaphthene	<0.038		0.38	0.038	mg/Kg	☼	03/10/20 11:52	03/12/20 18:21	1
Acenaphthylene	<0.038		0.38	0.038	mg/Kg	☼	03/10/20 11:52	03/12/20 18:21	1
Acetophenone	<0.038		0.38	0.038	mg/Kg	☼	03/10/20 11:52	03/12/20 18:21	1
Aniline	<0.050		0.38	0.050	mg/Kg	☼	03/10/20 11:52	03/12/20 18:21	1
Anthracene	<0.038		0.38	0.038	mg/Kg	☼	03/10/20 11:52	03/12/20 18:21	1
Atrazine	<0.038		0.38	0.038	mg/Kg	☼	03/10/20 11:52	03/13/20 13:07	1
Azobenzene	<0.038		0.38	0.038	mg/Kg	☼	03/10/20 11:52	03/12/20 18:21	1
Benzaldehyde	<0.038		0.38	0.038	mg/Kg	☼	03/10/20 11:52	03/13/20 13:07	1
Benzidine	<0.11		1.1	0.11	mg/Kg	☼	03/10/20 11:52	03/12/20 18:21	1
Benzo[a]anthracene	<0.038		0.38	0.038	mg/Kg	☼	03/10/20 11:52	03/12/20 18:21	1
Benzo[a]pyrene	**0.062**	**J**	0.38	0.038	mg/Kg	☼	03/10/20 11:52	03/12/20 18:21	1
Benzo[b]fluoranthene	**0.062**	**J**	0.38	0.038	mg/Kg	☼	03/10/20 11:52	03/12/20 18:21	1
Benzo[g,h,i]perylene	**0.042**	**J**	0.38	0.038	mg/Kg	☼	03/10/20 11:52	03/12/20 18:21	1
Benzo[k]fluoranthene	<0.038		0.38	0.038	mg/Kg	☼	03/10/20 11:52	03/12/20 18:21	1
Benzoic acid	<0.40		1.1	0.40	mg/Kg	☼	03/10/20 11:52	03/13/20 13:07	1
Benzyl alcohol	<0.038		0.38	0.038	mg/Kg	☼	03/10/20 11:52	03/12/20 18:21	1
Bis(2-chloroethoxy)methane	<0.038		0.38	0.038	mg/Kg	☼	03/10/20 11:52	03/12/20 18:21	1
Bis(2-chloroethyl)ether	<0.038		0.38	0.038	mg/Kg	☼	03/10/20 11:52	03/12/20 18:21	1
Bis(2-ethylhexyl) phthalate	**0.15**	**J B**	0.38	0.038	mg/Kg	☼	03/10/20 11:52	03/12/20 18:21	1
Butyl benzyl phthalate	<0.038		0.38	0.038	mg/Kg	☼	03/10/20 11:52	03/12/20 18:21	1
Caprolactam	<0.038		0.38	0.038	mg/Kg	☼	03/10/20 11:52	03/13/20 13:07	1
Carbazole	<0.038		0.38	0.038	mg/Kg	☼	03/10/20 11:52	03/12/20 18:21	1
Chrysene	<0.038		0.38	0.038	mg/Kg	☼	03/10/20 11:52	03/12/20 18:21	1
Dibenz(a,h)anthracene	<0.038		0.38	0.038	mg/Kg	☼	03/10/20 11:52	03/12/20 18:21	1
Dibenzofuran	<0.038		0.38	0.038	mg/Kg	☼	03/10/20 11:52	03/12/20 18:21	1
Diethyl phthalate	<0.038		0.38	0.038	mg/Kg	☼	03/10/20 11:52	03/12/20 18:21	1
Dimethyl phthalate	<0.038		0.38	0.038	mg/Kg	☼	03/10/20 11:52	03/12/20 18:21	1
Di-n-butyl phthalate	**0.043**	**J B**	0.38	0.038	mg/Kg	☼	03/10/20 11:52	03/12/20 18:21	1
Di-n-octyl phthalate	<0.038		0.38	0.038	mg/Kg	☼	03/10/20 11:52	03/12/20 18:21	1
Fluoranthene	<0.038		0.38	0.038	mg/Kg	☼	03/10/20 11:52	03/12/20 18:21	1
Fluorene	<0.038		0.38	0.038	mg/Kg	☼	03/10/20 11:52	03/12/20 18:21	1
Hexachlorobenzene	<0.12		0.38	0.12	mg/Kg	☼	03/10/20 11:52	03/12/20 18:21	1
Hexachlorobutadiene	<0.038		0.38	0.038	mg/Kg	☼	03/10/20 11:52	03/12/20 18:21	1
Hexachlorocyclopentadiene	<0.076		0.38	0.076	mg/Kg	☼	03/10/20 11:52	03/12/20 18:21	1
Hexachloroethane	<0.12		0.38	0.12	mg/Kg	☼	03/10/20 11:52	03/12/20 18:21	1
Hexadecane	<0.038		0.38	0.038	mg/Kg	☼	03/10/20 11:52	03/12/20 18:21	1
Indeno[1,2,3-cd]pyrene	**0.053**	**J**	0.38	0.038	mg/Kg	☼	03/10/20 11:52	03/12/20 18:21	1
Isophorone	<0.038		0.38	0.038	mg/Kg	☼	03/10/20 11:52	03/12/20 18:21	1

Client Sample ID: B-9
Date Collected: 03/03/20 11:03
Date Received: 03/04/20 09:30

Lab Sample ID: 400-184834-9
Matrix: Solid
Percent Solids: 85.2

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	<0.038		0.38	0.038	mg/Kg	☼	03/10/20 11:52	03/12/20 18:21	1
n-Decane	<0.038		0.38	0.038	mg/Kg	☼	03/10/20 11:52	03/12/20 18:21	1
Nitrobenzene	<0.038		0.38	0.038	mg/Kg	☼	03/10/20 11:52	03/12/20 18:21	1
N-Nitrosodimethylamine	<0.076		0.38	0.076	mg/Kg	☼	03/10/20 11:52	03/12/20 18:21	1
N-Nitrosodi-n-propylamine	<0.13		0.38	0.13	mg/Kg	☼	03/10/20 11:52	03/12/20 18:21	1
N-Nitrosodiphenylamine	<0.038		0.38	0.038	mg/Kg	☼	03/10/20 11:52	03/12/20 18:21	1
n-Octadecane	<0.038		0.38	0.038	mg/Kg	☼	03/10/20 11:52	03/12/20 18:21	1
Pentachlorophenol	<0.076		0.76	0.076	mg/Kg	☼	03/10/20 11:52	03/12/20 18:21	1
Phenanthrene	<0.038		0.38	0.038	mg/Kg	☼	03/10/20 11:52	03/12/20 18:21	1
Phenol	<0.038		0.38	0.038	mg/Kg	☼	03/10/20 11:52	03/12/20 18:21	1
Pyrene	**0.039**	**J**	0.38	0.038	mg/Kg	☼	03/10/20 11:52	03/12/20 18:21	1
Pyridine	<0.17		0.38	0.17	mg/Kg	☼	03/10/20 11:52	03/12/20 18:21	1
Sulfolane	<0.038		0.38	0.038	mg/Kg	☼	03/10/20 11:52	03/13/20 13:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*66*		*10 - 150*	*03/10/20 11:52*	*03/12/20 18:21*	*1*
2-Fluorobiphenyl	*53*		*27 - 127*	*03/10/20 11:52*	*03/12/20 18:21*	*1*
2-Fluorophenol (Surr)	*52*		*25 - 128*	*03/10/20 11:52*	*03/12/20 18:21*	*1*
Nitrobenzene-d5 (Surr)	*52*		*15 - 136*	*03/10/20 11:52*	*03/12/20 18:21*	*1*
Phenol-d5 (Surr)	*56*		*29 - 130*	*03/10/20 11:52*	*03/12/20 18:21*	*1*
Terphenyl-d14 (Surr)	*69*		*24 - 146*	*03/10/20 11:52*	*03/12/20 18:21*	*1*

Method: 8015C - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO) -C6-C10	<3.1		6.3	3.1	mg/Kg	☼	03/05/20 13:10	03/08/20 22:21	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene (fid)	*106*		*65 - 125*	*03/05/20 13:10*	*03/08/20 22:21*	*50*

Method: 8015C - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**23**		5.8	2.3	mg/Kg	☼	03/10/20 10:24	03/13/20 00:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*67*		*27 - 151*	*03/10/20 10:24*	*03/13/20 00:06*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**14.8**		0.01		%			03/06/20 11:23	1

Client: SCS Engineers
Project/Site: Tidewater Gardens

Job ID: 400-184834-1

Client Sample ID: B-10
Date Collected: 03/03/20 12:11
Date Received: 03/04/20 09:30

Lab Sample ID: 400-184834-10
Matrix: Solid
Percent Solids: 85.3

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.0026		0.0053	0.0026	mg/Kg	☼	03/13/20 07:54	03/13/20 18:25	1
1,1,1-Trichloroethane	<0.0012		0.0053	0.0012	mg/Kg	☼	03/13/20 07:54	03/13/20 18:25	1
1,1,2,2-Tetrachloroethane	<0.0026		0.0053	0.0026	mg/Kg	☼	03/13/20 07:54	03/13/20 18:25	1
1,1,2-Trichloroethane	<0.0026		0.0053	0.0026	mg/Kg	☼	03/13/20 07:54	03/13/20 18:25	1
1,1-Dichloroethane	<0.00087		0.0053	0.00087	mg/Kg	☼	03/13/20 07:54	03/13/20 18:25	1
1,1-Dichloroethene	<0.0026		0.0053	0.0026	mg/Kg	☼	03/13/20 07:54	03/13/20 18:25	1
1,1-Dichloropropene	<0.0026		0.0053	0.0026	mg/Kg	☼	03/13/20 07:54	03/13/20 18:25	1
1,2,3-Trichlorobenzene	<0.0026		0.0053	0.0026	mg/Kg	☼	03/13/20 07:54	03/13/20 18:25	1
1,2,3-Trichloropropane	<0.0032		0.0053	0.0032	mg/Kg	☼	03/13/20 07:54	03/13/20 18:25	1
1,2,4-Trichlorobenzene	<0.0021		0.0053	0.0021	mg/Kg	☼	03/13/20 07:54	03/13/20 18:25	1
1,2,4-Trimethylbenzene	<0.0011		0.0053	0.0011	mg/Kg	☼	03/13/20 07:54	03/13/20 18:25	1
1,2-Dibromo-3-Chloropropane	<0.0035		0.0053	0.0035	mg/Kg	☼	03/13/20 07:54	03/13/20 18:25	1
1,2-Dichlorobenzene	<0.00075		0.0053	0.00075	mg/Kg	☼	03/13/20 07:54	03/13/20 18:25	1
1,2-Dichloroethane	<0.00086		0.0053	0.00086	mg/Kg	☼	03/13/20 07:54	03/13/20 18:25	1
1,2-Dichloropropane	<0.0026		0.0053	0.0026	mg/Kg	☼	03/13/20 07:54	03/13/20 18:25	1
1,3,5-Trimethylbenzene	<0.00087		0.0053	0.00087	mg/Kg	☼	03/13/20 07:54	03/13/20 18:25	1
1,3-Dichlorobenzene	<0.0010		0.0053	0.0010	mg/Kg	☼	03/13/20 07:54	03/13/20 18:25	1
1,3-Dichloropropane	<0.0011		0.0053	0.0011	mg/Kg	☼	03/13/20 07:54	03/13/20 18:25	1
1,4-Dichlorobenzene	<0.0026		0.0053	0.0026	mg/Kg	☼	03/13/20 07:54	03/13/20 18:25	1
2,2-Dichloropropane	<0.0026		0.0053	0.0026	mg/Kg	☼	03/13/20 07:54	03/13/20 18:25	1
2-Butanone (MEK)	<0.0063		0.026	0.0063	mg/Kg	☼	03/13/20 07:54	03/13/20 18:25	1
2-Chlorotoluene	<0.0026		0.0053	0.0026	mg/Kg	☼	03/13/20 07:54	03/13/20 18:25	1
2-Hexanone	<0.0053		0.026	0.0053	mg/Kg	☼	03/13/20 07:54	03/13/20 18:25	1
4-Chlorotoluene	<0.0010		0.0053	0.0010	mg/Kg	☼	03/13/20 07:54	03/13/20 18:25	1
4-Isopropyltoluene	<0.0011		0.0053	0.0011	mg/Kg	☼	03/13/20 07:54	03/13/20 18:25	1
4-Methyl-2-pentanone (MIBK)	<0.0053		0.026	0.0053	mg/Kg	☼	03/13/20 07:54	03/13/20 18:25	1
Acetone	<0.014		0.026	0.014	mg/Kg	☼	03/13/20 07:54	03/13/20 18:25	1
Benzene	<0.00071		0.0053	0.00071	mg/Kg	☼	03/13/20 07:54	03/13/20 18:25	1
Bromobenzene	<0.0014		0.0053	0.0014	mg/Kg	☼	03/13/20 07:54	03/13/20 18:25	1
Bromoform	<0.0026		0.0053	0.0026	mg/Kg	☼	03/13/20 07:54	03/13/20 18:25	1
Bromomethane	<0.0026		0.0053	0.0026	mg/Kg	☼	03/13/20 07:54	03/13/20 18:25	1
Carbon disulfide	<0.0026		0.0053	0.0026	mg/Kg	☼	03/13/20 07:54	03/13/20 18:25	1
Carbon tetrachloride	<0.0018		0.0053	0.0018	mg/Kg	☼	03/13/20 07:54	03/13/20 18:25	1
Chlorobenzene	<0.00055		0.0053	0.00055	mg/Kg	☼	03/13/20 07:54	03/13/20 18:25	1
Chlorobromomethane	<0.0026		0.0053	0.0026	mg/Kg	☼	03/13/20 07:54	03/13/20 18:25	1
Chlorodibromomethane	<0.0026		0.0053	0.0026	mg/Kg	☼	03/13/20 07:54	03/13/20 18:25	1
Chloroethane	<0.0026		0.0053	0.0026	mg/Kg	☼	03/13/20 07:54	03/13/20 18:25	1
Chloroform	<0.0026		0.0053	0.0026	mg/Kg	☼	03/13/20 07:54	03/13/20 18:25	1
Chloromethane	<0.0011		0.0053	0.0011	mg/Kg	☼	03/13/20 07:54	03/13/20 18:25	1
cis-1,2-Dichloroethene	<0.00080		0.0053	0.00080	mg/Kg	☼	03/13/20 07:54	03/13/20 18:25	1
cis-1,3-Dichloropropene	<0.0013		0.0053	0.0013	mg/Kg	☼	03/13/20 07:54	03/13/20 18:25	1
Dibromomethane	<0.0026		0.0053	0.0026	mg/Kg	☼	03/13/20 07:54	03/13/20 18:25	1
Dichlorobromomethane	<0.0026		0.0053	0.0026	mg/Kg	☼	03/13/20 07:54	03/13/20 18:25	1
Dichlorodifluoromethane	<0.0014		0.0053	0.0014	mg/Kg	☼	03/13/20 07:54	03/13/20 18:25	1
Ethylbenzene	<0.00064		0.0053	0.00064	mg/Kg	☼	03/13/20 07:54	03/13/20 18:25	1
Ethylene Dibromide	<0.0011		0.0053	0.0011	mg/Kg	☼	03/13/20 07:54	03/13/20 18:25	1
Hexachlorobutadiene	<0.0026		0.0053	0.0026	mg/Kg	☼	03/13/20 07:54	03/13/20 18:25	1
Iodomethane	<0.0036		0.0053	0.0036	mg/Kg	☼	03/13/20 07:54	03/13/20 18:25	1
Isopropyl ether	<0.00058		0.0053	0.00058	mg/Kg	☼	03/13/20 07:54	03/13/20 18:25	1

Client Sample ID: B-10
Date Collected: 03/03/20 12:11
Date Received: 03/04/20 09:30

Lab Sample ID: 400-184834-10
Matrix: Solid
Percent Solids: 85.3

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	<0.00072		0.0053	0.00072	mg/Kg	☼	03/13/20 07:54	03/13/20 18:25	1
Methyl tert-butyl ether	<0.0011		0.0053	0.0011	mg/Kg	☼	03/13/20 07:54	03/13/20 18:25	1
Methylene Chloride	<0.011		0.016	0.011	mg/Kg	☼	03/13/20 07:54	03/13/20 18:25	1
m-Xylene & p-Xylene	<0.0014		0.0053	0.0014	mg/Kg	☼	03/13/20 07:54	03/13/20 18:25	1
Naphthalene	<0.0021		0.0053	0.0021	mg/Kg	☼	03/13/20 07:54	03/13/20 18:25	1
n-Butylbenzene	<0.0010		0.0053	0.0010	mg/Kg	☼	03/13/20 07:54	03/13/20 18:25	1
N-Propylbenzene	<0.00095		0.0053	0.00095	mg/Kg	☼	03/13/20 07:54	03/13/20 18:25	1
o-Xylene	<0.0011		0.0053	0.0011	mg/Kg	☼	03/13/20 07:54	03/13/20 18:25	1
sec-Butylbenzene	<0.0010		0.0053	0.0010	mg/Kg	☼	03/13/20 07:54	03/13/20 18:25	1
Styrene	<0.0011		0.0053	0.0011	mg/Kg	☼	03/13/20 07:54	03/13/20 18:25	1
tert-Butylbenzene	<0.0026		0.0053	0.0026	mg/Kg	☼	03/13/20 07:54	03/13/20 18:25	1
Tetrachloroethene	<0.0026		0.0053	0.0026	mg/Kg	☼	03/13/20 07:54	03/13/20 18:25	1
Toluene	<0.0011		0.0053	0.0011	mg/Kg	☼	03/13/20 07:54	03/13/20 18:25	1
trans-1,2-Dichloroethene	<0.0026		0.0053	0.0026	mg/Kg	☼	03/13/20 07:54	03/13/20 18:25	1
trans-1,3-Dichloropropene	<0.0026		0.0053	0.0026	mg/Kg	☼	03/13/20 07:54	03/13/20 18:25	1
Trichloroethene	<0.0011		0.0053	0.0011	mg/Kg	☼	03/13/20 07:54	03/13/20 18:25	1
Trichlorofluoromethane	<0.0026		0.0053	0.0026	mg/Kg	☼	03/13/20 07:54	03/13/20 18:25	1
Vinyl acetate	<0.0096		0.026	0.0096	mg/Kg	☼	03/13/20 07:54	03/13/20 18:25	1
Vinyl chloride	<0.0026		0.0053	0.0026	mg/Kg	☼	03/13/20 07:54	03/13/20 18:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*109*		*67 - 130*	*03/13/20 07:54*	*03/13/20 18:25*	*1*
Dibromofluoromethane	*94*		*77 - 127*	*03/13/20 07:54*	*03/13/20 18:25*	*1*
Toluene-d8 (Surr)	*108*		*76 - 127*	*03/13/20 07:54*	*03/13/20 18:25*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	<0.037		0.37	0.037	mg/Kg	☼	03/10/20 11:52	03/12/20 18:42	1
1,2,4,5-Tetrachlorobenzene	<0.037		0.37	0.037	mg/Kg	☼	03/10/20 11:52	03/12/20 18:42	1
1,2,4-Trichlorobenzene	<0.037		0.37	0.037	mg/Kg	☼	03/10/20 11:52	03/12/20 18:42	1
1,2-Dichlorobenzene	<0.037		0.37	0.037	mg/Kg	☼	03/10/20 11:52	03/12/20 18:42	1
1,3-Dichlorobenzene	<0.037		0.37	0.037	mg/Kg	☼	03/10/20 11:52	03/12/20 18:42	1
1,3-Dinitrobenzene	<0.037		0.37	0.037	mg/Kg	☼	03/10/20 11:52	03/12/20 18:42	1
1,4-Dichlorobenzene	<0.037		0.37	0.037	mg/Kg	☼	03/10/20 11:52	03/12/20 18:42	1
1,4-Dioxane	<0.037		0.37	0.037	mg/Kg	☼	03/10/20 11:52	03/12/20 18:42	1
1-Methylnaphthalene	<0.037		0.37	0.037	mg/Kg	☼	03/10/20 11:52	03/12/20 18:42	1
2,2'-oxybis(1-chloropropane)	<0.037		0.37	0.037	mg/Kg	☼	03/10/20 11:52	03/12/20 18:42	1
2,3,4,6-Tetrachlorophenol	<0.037		0.37	0.037	mg/Kg	☼	03/10/20 11:52	03/12/20 18:42	1
2,4,5-Trichlorophenol	<0.037		0.37	0.037	mg/Kg	☼	03/10/20 11:52	03/12/20 18:42	1
2,4,6-Trichlorophenol	<0.037		0.37	0.037	mg/Kg	☼	03/10/20 11:52	03/12/20 18:42	1
2,4-Dichlorophenol	<0.037		0.37	0.037	mg/Kg	☼	03/10/20 11:52	03/12/20 18:42	1
2,4-Dimethylphenol	<0.037		0.37	0.037	mg/Kg	☼	03/10/20 11:52	03/12/20 18:42	1
2,4-Dinitrophenol	<0.32		1.1	0.32	mg/Kg	☼	03/10/20 11:52	03/12/20 18:42	1
2,4-Dinitrotoluene	<0.037		0.37	0.037	mg/Kg	☼	03/10/20 11:52	03/12/20 18:42	1
2,6-Dinitrotoluene	<0.037		0.37	0.037	mg/Kg	☼	03/10/20 11:52	03/12/20 18:42	1
2-Chloronaphthalene	<0.037		0.37	0.037	mg/Kg	☼	03/10/20 11:52	03/12/20 18:42	1
2-Chlorophenol	<0.037		0.37	0.037	mg/Kg	☼	03/10/20 11:52	03/12/20 18:42	1
2-Methylnaphthalene	<0.037		0.37	0.037	mg/Kg	☼	03/10/20 11:52	03/12/20 18:42	1
2-Methylphenol	<0.037		0.37	0.037	mg/Kg	☼	03/10/20 11:52	03/12/20 18:42	1
2-Nitroaniline	<0.037		0.37	0.037	mg/Kg	☼	03/10/20 11:52	03/12/20 18:42	1

Client Sample ID: B-10
Date Collected: 03/03/20 12:11
Date Received: 03/04/20 09:30

Lab Sample ID: 400-184834-10
Matrix: Solid
Percent Solids: 85.3

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitrophenol	<0.037		0.37	0.037	mg/Kg	☼	03/10/20 11:52	03/12/20 18:42	1
3 & 4 Methylphenol	<0.037		0.73	0.037	mg/Kg	☼	03/10/20 11:52	03/12/20 18:42	1
3,3'-Dichlorobenzidine	<0.037		0.37	0.037	mg/Kg	☼	03/10/20 11:52	03/12/20 18:42	1
3-Nitroaniline	<0.037		0.37	0.037	mg/Kg	☼	03/10/20 11:52	03/12/20 18:42	1
4,6-Dinitro-2-methylphenol	<0.037		0.37	0.037	mg/Kg	☼	03/10/20 11:52	03/12/20 18:42	1
4-Bromophenyl phenyl ether	<0.037		0.37	0.037	mg/Kg	☼	03/10/20 11:52	03/12/20 18:42	1
4-Chloro-3-methylphenol	<0.037		0.37	0.037	mg/Kg	☼	03/10/20 11:52	03/12/20 18:42	1
4-Chloroaniline	<0.037		0.37	0.037	mg/Kg	☼	03/10/20 11:52	03/12/20 18:42	1
4-Chlorophenyl phenyl ether	<0.037		0.37	0.037	mg/Kg	☼	03/10/20 11:52	03/12/20 18:42	1
4-Nitroaniline	<0.037		0.37	0.037	mg/Kg	☼	03/10/20 11:52	03/12/20 18:42	1
4-Nitrophenol	<0.12		0.37	0.12	mg/Kg	☼	03/10/20 11:52	03/12/20 18:42	1
Acenaphthene	<0.037		0.37	0.037	mg/Kg	☼	03/10/20 11:52	03/12/20 18:42	1
Acenaphthylene	<0.037		0.37	0.037	mg/Kg	☼	03/10/20 11:52	03/12/20 18:42	1
Acetophenone	<0.037		0.37	0.037	mg/Kg	☼	03/10/20 11:52	03/12/20 18:42	1
Aniline	<0.048		0.37	0.048	mg/Kg	☼	03/10/20 11:52	03/12/20 18:42	1
Anthracene	<0.037		0.37	0.037	mg/Kg	☼	03/10/20 11:52	03/12/20 18:42	1
Atrazine	<0.037		0.37	0.037	mg/Kg	☼	03/10/20 11:52	03/13/20 13:28	1
Azobenzene	<0.037		0.37	0.037	mg/Kg	☼	03/10/20 11:52	03/12/20 18:42	1
Benzaldehyde	<0.037		0.37	0.037	mg/Kg	☼	03/10/20 11:52	03/13/20 13:28	1
Benzidine	<0.11		1.1	0.11	mg/Kg	☼	03/10/20 11:52	03/12/20 18:42	1
Benzo[a]anthracene	**0.041**	**J**	0.37	0.037	mg/Kg	☼	03/10/20 11:52	03/12/20 18:42	1
Benzo[a]pyrene	**0.073**	**J**	0.37	0.037	mg/Kg	☼	03/10/20 11:52	03/12/20 18:42	1
Benzo[b]fluoranthene	**0.083**	**J**	0.37	0.037	mg/Kg	☼	03/10/20 11:52	03/12/20 18:42	1
Benzo[g,h,i]perylene	**0.048**	**J**	0.37	0.037	mg/Kg	☼	03/10/20 11:52	03/12/20 18:42	1
Benzo[k]fluoranthene	<0.037		0.37	0.037	mg/Kg	☼	03/10/20 11:52	03/12/20 18:42	1
Benzoic acid	<0.39		1.1	0.39	mg/Kg	☼	03/10/20 11:52	03/13/20 13:28	1
Benzyl alcohol	<0.037		0.37	0.037	mg/Kg	☼	03/10/20 11:52	03/12/20 18:42	1
Bis(2-chloroethoxy)methane	<0.037		0.37	0.037	mg/Kg	☼	03/10/20 11:52	03/12/20 18:42	1
Bis(2-chloroethyl)ether	<0.037		0.37	0.037	mg/Kg	☼	03/10/20 11:52	03/12/20 18:42	1
Bis(2-ethylhexyl) phthalate	**0.092**	**J B**	0.37	0.037	mg/Kg	☼	03/10/20 11:52	03/12/20 18:42	1
Butyl benzyl phthalate	<0.037		0.37	0.037	mg/Kg	☼	03/10/20 11:52	03/12/20 18:42	1
Caprolactam	<0.037		0.37	0.037	mg/Kg	☼	03/10/20 11:52	03/13/20 13:28	1
Carbazole	<0.037		0.37	0.037	mg/Kg	☼	03/10/20 11:52	03/12/20 18:42	1
Chrysene	**0.075**	**J**	0.37	0.037	mg/Kg	☼	03/10/20 11:52	03/12/20 18:42	1
Dibenz(a,h)anthracene	**0.055**	**J**	0.37	0.037	mg/Kg	☼	03/10/20 11:52	03/12/20 18:42	1
Dibenzofuran	<0.037		0.37	0.037	mg/Kg	☼	03/10/20 11:52	03/12/20 18:42	1
Diethyl phthalate	<0.037		0.37	0.037	mg/Kg	☼	03/10/20 11:52	03/12/20 18:42	1
Dimethyl phthalate	<0.037		0.37	0.037	mg/Kg	☼	03/10/20 11:52	03/12/20 18:42	1
Di-n-butyl phthalate	**0.039**	**J B**	0.37	0.037	mg/Kg	☼	03/10/20 11:52	03/12/20 18:42	1
Di-n-octyl phthalate	<0.037		0.37	0.037	mg/Kg	☼	03/10/20 11:52	03/12/20 18:42	1
Fluoranthene	**0.078**	**J**	0.37	0.037	mg/Kg	☼	03/10/20 11:52	03/12/20 18:42	1
Fluorene	<0.037		0.37	0.037	mg/Kg	☼	03/10/20 11:52	03/12/20 18:42	1
Hexachlorobenzene	<0.11		0.37	0.11	mg/Kg	☼	03/10/20 11:52	03/12/20 18:42	1
Hexachlorobutadiene	<0.037		0.37	0.037	mg/Kg	☼	03/10/20 11:52	03/12/20 18:42	1
Hexachlorocyclopentadiene	<0.073		0.37	0.073	mg/Kg	☼	03/10/20 11:52	03/12/20 18:42	1
Hexachloroethane	<0.11		0.37	0.11	mg/Kg	☼	03/10/20 11:52	03/12/20 18:42	1
Hexadecane	<0.037		0.37	0.037	mg/Kg	☼	03/10/20 11:52	03/12/20 18:42	1
Indeno[1,2,3-cd]pyrene	**0.055**	**J**	0.37	0.037	mg/Kg	☼	03/10/20 11:52	03/12/20 18:42	1
Isophorone	<0.037		0.37	0.037	mg/Kg	☼	03/10/20 11:52	03/12/20 18:42	1

Client: SCS Engineers
Project/Site: Tidewater Gardens

Job ID: 400-184834-1

Client Sample ID: B-10
Date Collected: 03/03/20 12:11
Date Received: 03/04/20 09:30

Lab Sample ID: 400-184834-10
Matrix: Solid
Percent Solids: 85.3

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	<0.037		0.37	0.037	mg/Kg	☼	03/10/20 11:52	03/12/20 18:42	1
n-Decane	<0.037		0.37	0.037	mg/Kg	☼	03/10/20 11:52	03/12/20 18:42	1
Nitrobenzene	<0.037		0.37	0.037	mg/Kg	☼	03/10/20 11:52	03/12/20 18:42	1
N-Nitrosodimethylamine	<0.073		0.37	0.073	mg/Kg	☼	03/10/20 11:52	03/12/20 18:42	1
N-Nitrosodi-n-propylamine	<0.12		0.37	0.12	mg/Kg	☼	03/10/20 11:52	03/12/20 18:42	1
N-Nitrosodiphenylamine	<0.037		0.37	0.037	mg/Kg	☼	03/10/20 11:52	03/12/20 18:42	1
n-Octadecane	<0.037		0.37	0.037	mg/Kg	☼	03/10/20 11:52	03/12/20 18:42	1
Pentachlorophenol	<0.073		0.73	0.073	mg/Kg	☼	03/10/20 11:52	03/12/20 18:42	1
Phenanthrene	**0.075**	**J**	0.37	0.037	mg/Kg	☼	03/10/20 11:52	03/12/20 18:42	1
Phenol	<0.037		0.37	0.037	mg/Kg	☼	03/10/20 11:52	03/12/20 18:42	1
Pyrene	**0.078**	**J**	0.37	0.037	mg/Kg	☼	03/10/20 11:52	03/12/20 18:42	1
Pyridine	<0.17		0.37	0.17	mg/Kg	☼	03/10/20 11:52	03/12/20 18:42	1
Sulfolane	<0.037		0.37	0.037	mg/Kg	☼	03/10/20 11:52	03/13/20 13:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*84*		*10 - 150*	*03/10/20 11:52*	*03/12/20 18:42*	*1*
2-Fluorobiphenyl	*75*		*27 - 127*	*03/10/20 11:52*	*03/12/20 18:42*	*1*
2-Fluorophenol (Surr)	*73*		*25 - 128*	*03/10/20 11:52*	*03/12/20 18:42*	*1*
Nitrobenzene-d5 (Surr)	*74*		*15 - 136*	*03/10/20 11:52*	*03/12/20 18:42*	*1*
Phenol-d5 (Surr)	*78*		*29 - 130*	*03/10/20 11:52*	*03/12/20 18:42*	*1*
Terphenyl-d14 (Surr)	*93*		*24 - 146*	*03/10/20 11:52*	*03/12/20 18:42*	*1*

Method: 8015C - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO) -C6-C10	<3.2		6.4	3.2	mg/Kg	☼	03/05/20 13:10	03/08/20 22:47	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene (fid)	*105*		*65 - 125*	*03/05/20 13:10*	*03/08/20 22:47*	*50*

Method: 8015C - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**15**		5.7	2.3	mg/Kg	☼	03/10/20 10:24	03/13/20 00:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*82*		*27 - 151*	*03/10/20 10:24*	*03/13/20 00:16*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**14.7**		0.01		%			03/06/20 11:23	1

Client: SCS Engineers
Project/Site: Tidewater Gardens

Job ID: 400-184834-1

Client Sample ID: B-11
Date Collected: 03/02/20 16:00
Date Received: 03/04/20 09:30

Lab Sample ID: 400-184834-11
Matrix: Solid
Percent Solids: 79.5

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.0029		0.0057	0.0029	mg/Kg	☼	03/13/20 07:54	03/13/20 18:54	1
1,1,1-Trichloroethane	<0.0013		0.0057	0.0013	mg/Kg	☼	03/13/20 07:54	03/13/20 18:54	1
1,1,2,2-Tetrachloroethane	<0.0029		0.0057	0.0029	mg/Kg	☼	03/13/20 07:54	03/13/20 18:54	1
1,1,2-Trichloroethane	<0.0029		0.0057	0.0029	mg/Kg	☼	03/13/20 07:54	03/13/20 18:54	1
1,1-Dichloroethane	<0.00095		0.0057	0.00095	mg/Kg	☼	03/13/20 07:54	03/13/20 18:54	1
1,1-Dichloroethene	<0.0029		0.0057	0.0029	mg/Kg	☼	03/13/20 07:54	03/13/20 18:54	1
1,1-Dichloropropene	<0.0029		0.0057	0.0029	mg/Kg	☼	03/13/20 07:54	03/13/20 18:54	1
1,2,3-Trichlorobenzene	<0.0029		0.0057	0.0029	mg/Kg	☼	03/13/20 07:54	03/13/20 18:54	1
1,2,3-Trichloropropane	<0.0034		0.0057	0.0034	mg/Kg	☼	03/13/20 07:54	03/13/20 18:54	1
1,2,4-Trichlorobenzene	<0.0023		0.0057	0.0023	mg/Kg	☼	03/13/20 07:54	03/13/20 18:54	1
1,2,4-Trimethylbenzene	<0.0011		0.0057	0.0011	mg/Kg	☼	03/13/20 07:54	03/13/20 18:54	1
1,2-Dibromo-3-Chloropropane	<0.0038		0.0057	0.0038	mg/Kg	☼	03/13/20 07:54	03/13/20 18:54	1
1,2-Dichlorobenzene	<0.00082		0.0057	0.00082	mg/Kg	☼	03/13/20 07:54	03/13/20 18:54	1
1,2-Dichloroethane	<0.00094		0.0057	0.00094	mg/Kg	☼	03/13/20 07:54	03/13/20 18:54	1
1,2-Dichloropropane	<0.0029		0.0057	0.0029	mg/Kg	☼	03/13/20 07:54	03/13/20 18:54	1
1,3,5-Trimethylbenzene	<0.00095		0.0057	0.00095	mg/Kg	☼	03/13/20 07:54	03/13/20 18:54	1
1,3-Dichlorobenzene	<0.0011		0.0057	0.0011	mg/Kg	☼	03/13/20 07:54	03/13/20 18:54	1
1,3-Dichloropropane	<0.0011		0.0057	0.0011	mg/Kg	☼	03/13/20 07:54	03/13/20 18:54	1
1,4-Dichlorobenzene	<0.0029		0.0057	0.0029	mg/Kg	☼	03/13/20 07:54	03/13/20 18:54	1
2,2-Dichloropropane	<0.0029		0.0057	0.0029	mg/Kg	☼	03/13/20 07:54	03/13/20 18:54	1
2-Butanone (MEK)	<0.0069		0.029	0.0069	mg/Kg	☼	03/13/20 07:54	03/13/20 18:54	1
2-Chlorotoluene	<0.0029		0.0057	0.0029	mg/Kg	☼	03/13/20 07:54	03/13/20 18:54	1
2-Hexanone	<0.0057		0.029	0.0057	mg/Kg	☼	03/13/20 07:54	03/13/20 18:54	1
4-Chlorotoluene	<0.0011		0.0057	0.0011	mg/Kg	☼	03/13/20 07:54	03/13/20 18:54	1
4-Isopropyltoluene	<0.0011		0.0057	0.0011	mg/Kg	☼	03/13/20 07:54	03/13/20 18:54	1
4-Methyl-2-pentanone (MIBK)	<0.0057		0.029	0.0057	mg/Kg	☼	03/13/20 07:54	03/13/20 18:54	1
Acetone	<0.015		0.029	0.015	mg/Kg	☼	03/13/20 07:54	03/13/20 18:54	1
Benzene	<0.00077		0.0057	0.00077	mg/Kg	☼	03/13/20 07:54	03/13/20 18:54	1
Bromobenzene	<0.0015		0.0057	0.0015	mg/Kg	☼	03/13/20 07:54	03/13/20 18:54	1
Bromoform	<0.0029		0.0057	0.0029	mg/Kg	☼	03/13/20 07:54	03/13/20 18:54	1
Bromomethane	<0.0029		0.0057	0.0029	mg/Kg	☼	03/13/20 07:54	03/13/20 18:54	1
Carbon disulfide	<0.0029		0.0057	0.0029	mg/Kg	☼	03/13/20 07:54	03/13/20 18:54	1
Carbon tetrachloride	<0.0020		0.0057	0.0020	mg/Kg	☼	03/13/20 07:54	03/13/20 18:54	1
Chlorobenzene	<0.00060		0.0057	0.00060	mg/Kg	☼	03/13/20 07:54	03/13/20 18:54	1
Chlorobromomethane	<0.0029		0.0057	0.0029	mg/Kg	☼	03/13/20 07:54	03/13/20 18:54	1
Chlorodibromomethane	<0.0029		0.0057	0.0029	mg/Kg	☼	03/13/20 07:54	03/13/20 18:54	1
Chloroethane	<0.0029		0.0057	0.0029	mg/Kg	☼	03/13/20 07:54	03/13/20 18:54	1
Chloroform	<0.0029		0.0057	0.0029	mg/Kg	☼	03/13/20 07:54	03/13/20 18:54	1
Chloromethane	<0.0011		0.0057	0.0011	mg/Kg	☼	03/13/20 07:54	03/13/20 18:54	1
cis-1,2-Dichloroethene	<0.00087		0.0057	0.00087	mg/Kg	☼	03/13/20 07:54	03/13/20 18:54	1
cis-1,3-Dichloropropene	<0.0014		0.0057	0.0014	mg/Kg	☼	03/13/20 07:54	03/13/20 18:54	1
Dibromomethane	<0.0029		0.0057	0.0029	mg/Kg	☼	03/13/20 07:54	03/13/20 18:54	1
Dichlorobromomethane	<0.0029		0.0057	0.0029	mg/Kg	☼	03/13/20 07:54	03/13/20 18:54	1
Dichlorodifluoromethane	<0.0015		0.0057	0.0015	mg/Kg	☼	03/13/20 07:54	03/13/20 18:54	1
Ethylbenzene	<0.00070		0.0057	0.00070	mg/Kg	☼	03/13/20 07:54	03/13/20 18:54	1
Ethylene Dibromide	<0.0011		0.0057	0.0011	mg/Kg	☼	03/13/20 07:54	03/13/20 18:54	1
Hexachlorobutadiene	<0.0029		0.0057	0.0029	mg/Kg	☼	03/13/20 07:54	03/13/20 18:54	1
Iodomethane	<0.0039		0.0057	0.0039	mg/Kg	☼	03/13/20 07:54	03/13/20 18:54	1
Isopropyl ether	<0.00063		0.0057	0.00063	mg/Kg	☼	03/13/20 07:54	03/13/20 18:54	1

Client Sample ID: B-11
Date Collected: 03/02/20 16:00
Date Received: 03/04/20 09:30

Lab Sample ID: 400-184834-11
Matrix: Solid
Percent Solids: 79.5

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	<0.00078		0.0057	0.00078	mg/Kg	☼	03/13/20 07:54	03/13/20 18:54	1
Methyl tert-butyl ether	<0.0011		0.0057	0.0011	mg/Kg	☼	03/13/20 07:54	03/13/20 18:54	1
Methylene Chloride	<0.011		0.017	0.011	mg/Kg	☼	03/13/20 07:54	03/13/20 18:54	1
m-Xylene & p-Xylene	<0.0015		0.0057	0.0015	mg/Kg	☼	03/13/20 07:54	03/13/20 18:54	1
Naphthalene	<0.0023		0.0057	0.0023	mg/Kg	☼	03/13/20 07:54	03/13/20 18:54	1
n-Butylbenzene	<0.0011		0.0057	0.0011	mg/Kg	☼	03/13/20 07:54	03/13/20 18:54	1
N-Propylbenzene	<0.0010		0.0057	0.0010	mg/Kg	☼	03/13/20 07:54	03/13/20 18:54	1
o-Xylene	<0.0011		0.0057	0.0011	mg/Kg	☼	03/13/20 07:54	03/13/20 18:54	1
sec-Butylbenzene	<0.0011		0.0057	0.0011	mg/Kg	☼	03/13/20 07:54	03/13/20 18:54	1
Styrene	<0.0011		0.0057	0.0011	mg/Kg	☼	03/13/20 07:54	03/13/20 18:54	1
tert-Butylbenzene	<0.0029		0.0057	0.0029	mg/Kg	☼	03/13/20 07:54	03/13/20 18:54	1
Tetrachloroethene	<0.0029		0.0057	0.0029	mg/Kg	☼	03/13/20 07:54	03/13/20 18:54	1
Toluene	<0.0011		0.0057	0.0011	mg/Kg	☼	03/13/20 07:54	03/13/20 18:54	1
trans-1,2-Dichloroethene	<0.0029		0.0057	0.0029	mg/Kg	☼	03/13/20 07:54	03/13/20 18:54	1
trans-1,3-Dichloropropene	<0.0029		0.0057	0.0029	mg/Kg	☼	03/13/20 07:54	03/13/20 18:54	1
Trichloroethene	<0.0011		0.0057	0.0011	mg/Kg	☼	03/13/20 07:54	03/13/20 18:54	1
Trichlorofluoromethane	<0.0029		0.0057	0.0029	mg/Kg	☼	03/13/20 07:54	03/13/20 18:54	1
Vinyl acetate	<0.010		0.029	0.010	mg/Kg	☼	03/13/20 07:54	03/13/20 18:54	1
Vinyl chloride	<0.0029		0.0057	0.0029	mg/Kg	☼	03/13/20 07:54	03/13/20 18:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*105*		*67 - 130*	*03/13/20 07:54*	*03/13/20 18:54*	*1*
Dibromofluoromethane	*92*		*77 - 127*	*03/13/20 07:54*	*03/13/20 18:54*	*1*
Toluene-d8 (Surr)	*107*		*76 - 127*	*03/13/20 07:54*	*03/13/20 18:54*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	<0.40		4.0	0.40	mg/Kg	☼	03/10/20 11:52	03/12/20 20:05	10
1,2,4,5-Tetrachlorobenzene	<0.40		4.0	0.40	mg/Kg	☼	03/10/20 11:52	03/12/20 20:05	10
1,2,4-Trichlorobenzene	<0.40		4.0	0.40	mg/Kg	☼	03/10/20 11:52	03/12/20 20:05	10
1,2-Dichlorobenzene	<0.40		4.0	0.40	mg/Kg	☼	03/10/20 11:52	03/12/20 20:05	10
1,3-Dichlorobenzene	<0.40		4.0	0.40	mg/Kg	☼	03/10/20 11:52	03/12/20 20:05	10
1,3-Dinitrobenzene	<0.40		4.0	0.40	mg/Kg	☼	03/10/20 11:52	03/12/20 20:05	10
1,4-Dichlorobenzene	<0.40		4.0	0.40	mg/Kg	☼	03/10/20 11:52	03/12/20 20:05	10
1,4-Dioxane	<0.40		4.0	0.40	mg/Kg	☼	03/10/20 11:52	03/12/20 20:05	10
1-Methylnaphthalene	<0.40		4.0	0.40	mg/Kg	☼	03/10/20 11:52	03/12/20 20:05	10
2,2'-oxybis(1-chloropropane)	<0.40		4.0	0.40	mg/Kg	☼	03/10/20 11:52	03/12/20 20:05	10
2,3,4,6-Tetrachlorophenol	<0.40		4.0	0.40	mg/Kg	☼	03/10/20 11:52	03/12/20 20:05	10
2,4,5-Trichlorophenol	<0.40		4.0	0.40	mg/Kg	☼	03/10/20 11:52	03/12/20 20:05	10
2,4,6-Trichlorophenol	<0.40		4.0	0.40	mg/Kg	☼	03/10/20 11:52	03/12/20 20:05	10
2,4-Dichlorophenol	<0.40		4.0	0.40	mg/Kg	☼	03/10/20 11:52	03/12/20 20:05	10
2,4-Dimethylphenol	<0.40		4.0	0.40	mg/Kg	☼	03/10/20 11:52	03/12/20 20:05	10
2,4-Dinitrophenol	<3.5		12	3.5	mg/Kg	☼	03/10/20 11:52	03/12/20 20:05	10
2,4-Dinitrotoluene	<0.40		4.0	0.40	mg/Kg	☼	03/10/20 11:52	03/12/20 20:05	10
2,6-Dinitrotoluene	<0.40		4.0	0.40	mg/Kg	☼	03/10/20 11:52	03/12/20 20:05	10
2-Chloronaphthalene	<0.40		4.0	0.40	mg/Kg	☼	03/10/20 11:52	03/12/20 20:05	10
2-Chlorophenol	<0.40		4.0	0.40	mg/Kg	☼	03/10/20 11:52	03/12/20 20:05	10
2-Methylnaphthalene	<0.40		4.0	0.40	mg/Kg	☼	03/10/20 11:52	03/12/20 20:05	10
2-Methylphenol	<0.40		4.0	0.40	mg/Kg	☼	03/10/20 11:52	03/12/20 20:05	10
2-Nitroaniline	<0.40		4.0	0.40	mg/Kg	☼	03/10/20 11:52	03/12/20 20:05	10

Client: SCS Engineers
Project/Site: Tidewater Gardens

Job ID: 400-184834-1

Client Sample ID: B-11
Date Collected: 03/02/20 16:00
Date Received: 03/04/20 09:30

Lab Sample ID: 400-184834-11
Matrix: Solid
Percent Solids: 79.5

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitrophenol	<0.40		4.0	0.40	mg/Kg	☼	03/10/20 11:52	03/12/20 20:05	10
3 & 4 Methylphenol	<0.40		7.9	0.40	mg/Kg	☼	03/10/20 11:52	03/12/20 20:05	10
3,3'-Dichlorobenzidine	<0.40		4.0	0.40	mg/Kg	☼	03/10/20 11:52	03/12/20 20:05	10
3-Nitroaniline	<0.40		4.0	0.40	mg/Kg	☼	03/10/20 11:52	03/12/20 20:05	10
4,6-Dinitro-2-methylphenol	<0.40		4.0	0.40	mg/Kg	☼	03/10/20 11:52	03/12/20 20:05	10
4-Bromophenyl phenyl ether	<0.40		4.0	0.40	mg/Kg	☼	03/10/20 11:52	03/12/20 20:05	10
4-Chloro-3-methylphenol	<0.40		4.0	0.40	mg/Kg	☼	03/10/20 11:52	03/12/20 20:05	10
4-Chloroaniline	<0.40		4.0	0.40	mg/Kg	☼	03/10/20 11:52	03/12/20 20:05	10
4-Chlorophenyl phenyl ether	<0.40		4.0	0.40	mg/Kg	☼	03/10/20 11:52	03/12/20 20:05	10
4-Nitroaniline	<0.40		4.0	0.40	mg/Kg	☼	03/10/20 11:52	03/12/20 20:05	10
4-Nitrophenol	<1.3		4.0	1.3	mg/Kg	☼	03/10/20 11:52	03/12/20 20:05	10
Acenaphthene	<0.40		4.0	0.40	mg/Kg	☼	03/10/20 11:52	03/12/20 20:05	10
Acenaphthylene	<0.40		4.0	0.40	mg/Kg	☼	03/10/20 11:52	03/12/20 20:05	10
Acetophenone	<0.40		4.0	0.40	mg/Kg	☼	03/10/20 11:52	03/12/20 20:05	10
Aniline	<0.52		4.0	0.52	mg/Kg	☼	03/10/20 11:52	03/12/20 20:05	10
Anthracene	<0.40		4.0	0.40	mg/Kg	☼	03/10/20 11:52	03/12/20 20:05	10
Atrazine	<0.40		4.0	0.40	mg/Kg	☼	03/10/20 11:52	03/13/20 13:49	10
Azobenzene	<0.40		4.0	0.40	mg/Kg	☼	03/10/20 11:52	03/12/20 20:05	10
Benzaldehyde	<0.40		4.0	0.40	mg/Kg	☼	03/10/20 11:52	03/13/20 13:49	10
Benzidine	<1.2		12	1.2	mg/Kg	☼	03/10/20 11:52	03/12/20 20:05	10
Benzo[a]anthracene	**0.60**	**J**	4.0	0.40	mg/Kg	☼	03/10/20 11:52	03/12/20 20:05	10
Benzo[a]pyrene	**0.84**	**J**	4.0	0.40	mg/Kg	☼	03/10/20 11:52	03/12/20 20:05	10
Benzo[b]fluoranthene	**0.89**	**J**	4.0	0.40	mg/Kg	☼	03/10/20 11:52	03/12/20 20:05	10
Benzo[g,h,i]perylene	**0.54**	**J**	4.0	0.40	mg/Kg	☼	03/10/20 11:52	03/12/20 20:05	10
Benzo[k]fluoranthene	<0.40		4.0	0.40	mg/Kg	☼	03/10/20 11:52	03/12/20 20:05	10
Benzoic acid	<4.2		12	4.2	mg/Kg	☼	03/10/20 11:52	03/13/20 13:49	10
Benzyl alcohol	<0.40		4.0	0.40	mg/Kg	☼	03/10/20 11:52	03/12/20 20:05	10
Bis(2-chloroethoxy)methane	<0.40		4.0	0.40	mg/Kg	☼	03/10/20 11:52	03/12/20 20:05	10
Bis(2-chloroethyl)ether	<0.40		4.0	0.40	mg/Kg	☼	03/10/20 11:52	03/12/20 20:05	10
Bis(2-ethylhexyl) phthalate	<0.40		4.0	0.40	mg/Kg	☼	03/10/20 11:52	03/12/20 20:05	10
Butyl benzyl phthalate	<0.40		4.0	0.40	mg/Kg	☼	03/10/20 11:52	03/12/20 20:05	10
Caprolactam	<0.40		4.0	0.40	mg/Kg	☼	03/10/20 11:52	03/13/20 13:49	10
Carbazole	<0.40		4.0	0.40	mg/Kg	☼	03/10/20 11:52	03/12/20 20:05	10
Chrysene	**0.49**	**J**	4.0	0.40	mg/Kg	☼	03/10/20 11:52	03/12/20 20:05	10
Dibenz(a,h)anthracene	**0.58**	**J**	4.0	0.40	mg/Kg	☼	03/10/20 11:52	03/12/20 20:05	10
Dibenzofuran	<0.40		4.0	0.40	mg/Kg	☼	03/10/20 11:52	03/12/20 20:05	10
Diethyl phthalate	<0.40		4.0	0.40	mg/Kg	☼	03/10/20 11:52	03/12/20 20:05	10
Dimethyl phthalate	<0.40		4.0	0.40	mg/Kg	☼	03/10/20 11:52	03/12/20 20:05	10
Di-n-butyl phthalate	<0.40		4.0	0.40	mg/Kg	☼	03/10/20 11:52	03/12/20 20:05	10
Di-n-octyl phthalate	<0.40		4.0	0.40	mg/Kg	☼	03/10/20 11:52	03/12/20 20:05	10
Fluoranthene	**0.85**	**J**	4.0	0.40	mg/Kg	☼	03/10/20 11:52	03/12/20 20:05	10
Fluorene	<0.40		4.0	0.40	mg/Kg	☼	03/10/20 11:52	03/12/20 20:05	10
Hexachlorobenzene	<1.2		4.0	1.2	mg/Kg	☼	03/10/20 11:52	03/12/20 20:05	10
Hexachlorobutadiene	<0.40		4.0	0.40	mg/Kg	☼	03/10/20 11:52	03/12/20 20:05	10
Hexachlorocyclopentadiene	<0.79		4.0	0.79	mg/Kg	☼	03/10/20 11:52	03/12/20 20:05	10
Hexachloroethane	<1.2		4.0	1.2	mg/Kg	☼	03/10/20 11:52	03/12/20 20:05	10
Hexadecane	<0.40		4.0	0.40	mg/Kg	☼	03/10/20 11:52	03/12/20 20:05	10
Indeno[1,2,3-cd]pyrene	**0.66**	**J**	4.0	0.40	mg/Kg	☼	03/10/20 11:52	03/12/20 20:05	10
Isophorone	<0.40		4.0	0.40	mg/Kg	☼	03/10/20 11:52	03/12/20 20:05	10

Client: SCS Engineers
Project/Site: Tidewater Gardens

Job ID: 400-184834-1

Client Sample ID: B-11
Date Collected: 03/02/20 16:00
Date Received: 03/04/20 09:30

Lab Sample ID: 400-184834-11
Matrix: Solid
Percent Solids: 79.5

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	<0.40		4.0	0.40	mg/Kg	☼	03/10/20 11:52	03/12/20 20:05	10
n-Decane	<0.40		4.0	0.40	mg/Kg	☼	03/10/20 11:52	03/12/20 20:05	10
Nitrobenzene	<0.40		4.0	0.40	mg/Kg	☼	03/10/20 11:52	03/12/20 20:05	10
N-Nitrosodimethylamine	<0.79		4.0	0.79	mg/Kg	☼	03/10/20 11:52	03/12/20 20:05	10
N-Nitrosodi-n-propylamine	<1.3		4.0	1.3	mg/Kg	☼	03/10/20 11:52	03/12/20 20:05	10
N-Nitrosodiphenylamine	<0.40		4.0	0.40	mg/Kg	☼	03/10/20 11:52	03/12/20 20:05	10
n-Octadecane	<0.40		4.0	0.40	mg/Kg	☼	03/10/20 11:52	03/12/20 20:05	10
Pentachlorophenol	<0.79		7.9	0.79	mg/Kg	☼	03/10/20 11:52	03/12/20 20:05	10
Phenanthrene	**0.55**	**J**	4.0	0.40	mg/Kg	☼	03/10/20 11:52	03/12/20 20:05	10
Phenol	<0.40		4.0	0.40	mg/Kg	☼	03/10/20 11:52	03/12/20 20:05	10
Pyrene	**0.89**	**J**	4.0	0.40	mg/Kg	☼	03/10/20 11:52	03/12/20 20:05	10
Pyridine	<1.8		4.0	1.8	mg/Kg	☼	03/10/20 11:52	03/12/20 20:05	10
Sulfolane	<0.40		4.0	0.40	mg/Kg	☼	03/10/20 11:52	03/13/20 13:49	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*97*		*10 - 150*	*03/10/20 11:52*	*03/12/20 20:05*	*10*
2-Fluorobiphenyl	*78*		*27 - 127*	*03/10/20 11:52*	*03/12/20 20:05*	*10*
2-Fluorophenol (Surr)	*73*		*25 - 128*	*03/10/20 11:52*	*03/12/20 20:05*	*10*
Nitrobenzene-d5 (Surr)	*70*		*15 - 136*	*03/10/20 11:52*	*03/12/20 20:05*	*10*
Phenol-d5 (Surr)	*77*		*29 - 130*	*03/10/20 11:52*	*03/12/20 20:05*	*10*
Terphenyl-d14 (Surr)	*91*		*24 - 146*	*03/10/20 11:52*	*03/12/20 20:05*	*10*

Method: 8015C - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO) -C6-C10	<3.7		7.5	3.7	mg/Kg	☼	03/05/20 13:10	03/08/20 23:16	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene (fid)	*104*		*65 - 125*	*03/05/20 13:10*	*03/08/20 23:16*	*50*

Method: 8015C - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**47**		12	4.9	mg/Kg	☼	03/10/20 10:24	03/13/20 00:26	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*49*		*27 - 151*	*03/10/20 10:24*	*03/13/20 00:26*	*2*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**20.5**		0.01		%			03/06/20 11:23	1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 400-481807/2-A
Matrix: Solid
Analysis Batch: 481763

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 481807

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.0025		0.0050	0.0025	mg/Kg		03/13/20 07:54	03/13/20 17:55	1
1,1,1-Trichloroethane	<0.0011		0.0050	0.0011	mg/Kg		03/13/20 07:54	03/13/20 17:55	1
1,1,2,2-Tetrachloroethane	<0.0025		0.0050	0.0025	mg/Kg		03/13/20 07:54	03/13/20 17:55	1
1,1,2-Trichloroethane	<0.0025		0.0050	0.0025	mg/Kg		03/13/20 07:54	03/13/20 17:55	1
1,1-Dichloroethane	<0.00083		0.0050	0.00083	mg/Kg		03/13/20 07:54	03/13/20 17:55	1
1,1-Dichloroethene	<0.0025		0.0050	0.0025	mg/Kg		03/13/20 07:54	03/13/20 17:55	1
1,1-Dichloropropene	<0.0025		0.0050	0.0025	mg/Kg		03/13/20 07:54	03/13/20 17:55	1
1,2,3-Trichlorobenzene	<0.0025		0.0050	0.0025	mg/Kg		03/13/20 07:54	03/13/20 17:55	1
1,2,3-Trichloropropane	<0.0030		0.0050	0.0030	mg/Kg		03/13/20 07:54	03/13/20 17:55	1
1,2,4-Trichlorobenzene	<0.0020		0.0050	0.0020	mg/Kg		03/13/20 07:54	03/13/20 17:55	1
1,2,4-Trimethylbenzene	<0.0010		0.0050	0.0010	mg/Kg		03/13/20 07:54	03/13/20 17:55	1
1,2-Dibromo-3-Chloropropane	<0.0033		0.0050	0.0033	mg/Kg		03/13/20 07:54	03/13/20 17:55	1
1,2-Dichlorobenzene	<0.00071		0.0050	0.00071	mg/Kg		03/13/20 07:54	03/13/20 17:55	1
1,2-Dichloroethane	<0.00082		0.0050	0.00082	mg/Kg		03/13/20 07:54	03/13/20 17:55	1
1,2-Dichloropropane	<0.0025		0.0050	0.0025	mg/Kg		03/13/20 07:54	03/13/20 17:55	1
1,3,5-Trimethylbenzene	<0.00083		0.0050	0.00083	mg/Kg		03/13/20 07:54	03/13/20 17:55	1
1,3-Dichlorobenzene	<0.00095		0.0050	0.00095	mg/Kg		03/13/20 07:54	03/13/20 17:55	1
1,3-Dichloropropane	<0.0010		0.0050	0.0010	mg/Kg		03/13/20 07:54	03/13/20 17:55	1
1,4-Dichlorobenzene	<0.0025		0.0050	0.0025	mg/Kg		03/13/20 07:54	03/13/20 17:55	1
2,2-Dichloropropane	<0.0025		0.0050	0.0025	mg/Kg		03/13/20 07:54	03/13/20 17:55	1
2-Butanone (MEK)	<0.0060		0.025	0.0060	mg/Kg		03/13/20 07:54	03/13/20 17:55	1
2-Chlorotoluene	<0.0025		0.0050	0.0025	mg/Kg		03/13/20 07:54	03/13/20 17:55	1
2-Hexanone	<0.0050		0.025	0.0050	mg/Kg		03/13/20 07:54	03/13/20 17:55	1
4-Chlorotoluene	<0.00098		0.0050	0.00098	mg/Kg		03/13/20 07:54	03/13/20 17:55	1
4-Isopropyltoluene	<0.0010		0.0050	0.0010	mg/Kg		03/13/20 07:54	03/13/20 17:55	1
4-Methyl-2-pentanone (MIBK)	<0.0050		0.025	0.0050	mg/Kg		03/13/20 07:54	03/13/20 17:55	1
Acetone	<0.013		0.025	0.013	mg/Kg		03/13/20 07:54	03/13/20 17:55	1
Benzene	<0.00067		0.0050	0.00067	mg/Kg		03/13/20 07:54	03/13/20 17:55	1
Bromobenzene	<0.0013		0.0050	0.0013	mg/Kg		03/13/20 07:54	03/13/20 17:55	1
Bromoform	<0.0025		0.0050	0.0025	mg/Kg		03/13/20 07:54	03/13/20 17:55	1
Bromomethane	<0.0025		0.0050	0.0025	mg/Kg		03/13/20 07:54	03/13/20 17:55	1
Carbon disulfide	<0.0025		0.0050	0.0025	mg/Kg		03/13/20 07:54	03/13/20 17:55	1
Carbon tetrachloride	<0.0017		0.0050	0.0017	mg/Kg		03/13/20 07:54	03/13/20 17:55	1
Chlorobenzene	<0.00052		0.0050	0.00052	mg/Kg		03/13/20 07:54	03/13/20 17:55	1
Chlorobromomethane	<0.0025		0.0050	0.0025	mg/Kg		03/13/20 07:54	03/13/20 17:55	1
Chlorodibromomethane	<0.0025		0.0050	0.0025	mg/Kg		03/13/20 07:54	03/13/20 17:55	1
Chloroethane	<0.0025		0.0050	0.0025	mg/Kg		03/13/20 07:54	03/13/20 17:55	1
Chloroform	<0.0025		0.0050	0.0025	mg/Kg		03/13/20 07:54	03/13/20 17:55	1
Chloromethane	<0.0010		0.0050	0.0010	mg/Kg		03/13/20 07:54	03/13/20 17:55	1
cis-1,2-Dichloroethene	<0.00076		0.0050	0.00076	mg/Kg		03/13/20 07:54	03/13/20 17:55	1
cis-1,3-Dichloropropene	<0.0012		0.0050	0.0012	mg/Kg		03/13/20 07:54	03/13/20 17:55	1
Dibromomethane	<0.0025		0.0050	0.0025	mg/Kg		03/13/20 07:54	03/13/20 17:55	1
Dichlorobromomethane	<0.0025		0.0050	0.0025	mg/Kg		03/13/20 07:54	03/13/20 17:55	1
Dichlorodifluoromethane	<0.0013		0.0050	0.0013	mg/Kg		03/13/20 07:54	03/13/20 17:55	1
Ethylbenzene	<0.00061		0.0050	0.00061	mg/Kg		03/13/20 07:54	03/13/20 17:55	1
Ethylene Dibromide	<0.0010		0.0050	0.0010	mg/Kg		03/13/20 07:54	03/13/20 17:55	1
Hexachlorobutadiene	<0.0025		0.0050	0.0025	mg/Kg		03/13/20 07:54	03/13/20 17:55	1
Iodomethane	<0.0034		0.0050	0.0034	mg/Kg		03/13/20 07:54	03/13/20 17:55	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 400-481807/2-A
Matrix: Solid
Analysis Batch: 481763

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 481807

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropyl ether	<0.00055		0.0050	0.00055	mg/Kg		03/13/20 07:54	03/13/20 17:55	1
Isopropylbenzene	<0.00068		0.0050	0.00068	mg/Kg		03/13/20 07:54	03/13/20 17:55	1
Methyl tert-butyl ether	<0.0010		0.0050	0.0010	mg/Kg		03/13/20 07:54	03/13/20 17:55	1
Methylene Chloride	<0.010		0.015	0.010	mg/Kg		03/13/20 07:54	03/13/20 17:55	1
m-Xylene & p-Xylene	<0.0013		0.0050	0.0013	mg/Kg		03/13/20 07:54	03/13/20 17:55	1
Naphthalene	<0.0020		0.0050	0.0020	mg/Kg		03/13/20 07:54	03/13/20 17:55	1
n-Butylbenzene	<0.00096		0.0050	0.00096	mg/Kg		03/13/20 07:54	03/13/20 17:55	1
N-Propylbenzene	<0.00090		0.0050	0.00090	mg/Kg		03/13/20 07:54	03/13/20 17:55	1
o-Xylene	<0.0010		0.0050	0.0010	mg/Kg		03/13/20 07:54	03/13/20 17:55	1
sec-Butylbenzene	<0.00095		0.0050	0.00095	mg/Kg		03/13/20 07:54	03/13/20 17:55	1
Styrene	<0.0010		0.0050	0.0010	mg/Kg		03/13/20 07:54	03/13/20 17:55	1
tert-Butylbenzene	<0.0025		0.0050	0.0025	mg/Kg		03/13/20 07:54	03/13/20 17:55	1
Tetrachloroethene	<0.0025		0.0050	0.0025	mg/Kg		03/13/20 07:54	03/13/20 17:55	1
Toluene	<0.0010		0.0050	0.0010	mg/Kg		03/13/20 07:54	03/13/20 17:55	1
trans-1,2-Dichloroethene	<0.0025		0.0050	0.0025	mg/Kg		03/13/20 07:54	03/13/20 17:55	1
trans-1,3-Dichloropropene	<0.0025		0.0050	0.0025	mg/Kg		03/13/20 07:54	03/13/20 17:55	1
Trichloroethene	<0.0010		0.0050	0.0010	mg/Kg		03/13/20 07:54	03/13/20 17:55	1
Trichlorofluoromethane	<0.0025		0.0050	0.0025	mg/Kg		03/13/20 07:54	03/13/20 17:55	1
Vinyl acetate	<0.0091		0.025	0.0091	mg/Kg		03/13/20 07:54	03/13/20 17:55	1
Vinyl chloride	<0.0025		0.0050	0.0025	mg/Kg		03/13/20 07:54	03/13/20 17:55	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*104*		*67 - 130*	*03/13/20 07:54*	*03/13/20 17:55*	*1*
Dibromofluoromethane	*92*		*77 - 127*	*03/13/20 07:54*	*03/13/20 17:55*	*1*
Toluene-d8 (Surr)	*106*		*76 - 127*	*03/13/20 07:54*	*03/13/20 17:55*	*1*

Lab Sample ID: LCS 400-481807/1-A
Matrix: Solid
Analysis Batch: 481763

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 481807

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	0.0500	0.0499		mg/Kg		100	65 - 130
1,1,1-Trichloroethane	0.0500	0.0470		mg/Kg		94	63 - 130
1,1,2,2-Tetrachloroethane	0.0500	0.0497		mg/Kg		99	60 - 131
1,1,2-Trichloroethane	0.0500	0.0461		mg/Kg		92	65 - 130
1,1-Dichloroethane	0.0500	0.0434		mg/Kg		87	59 - 130
1,1-Dichloroethene	0.0500	0.0474		mg/Kg		95	55 - 137
1,1-Dichloropropene	0.0500	0.0451		mg/Kg		90	65 - 130
1,2,3-Trichlorobenzene	0.0500	0.0572		mg/Kg		114	58 - 135
1,2,3-Trichloropropane	0.0500	0.0484		mg/Kg		97	60 - 130
1,2,4-Trichlorobenzene	0.0500	0.0580		mg/Kg		116	56 - 138
1,2,4-Trimethylbenzene	0.0500	0.0552		mg/Kg		110	66 - 130
1,2-Dibromo-3-Chloropropane	0.0500	0.0495		mg/Kg		99	49 - 130
1,2-Dichlorobenzene	0.0500	0.0526		mg/Kg		105	64 - 130
1,2-Dichloroethane	0.0500	0.0438		mg/Kg		88	62 - 130
1,2-Dichloropropane	0.0500	0.0459		mg/Kg		92	64 - 130
1,3,5-Trimethylbenzene	0.0500	0.0562		mg/Kg		112	67 - 130
1,3-Dichlorobenzene	0.0500	0.0539		mg/Kg		108	66 - 130

Client: SCS Engineers
Project/Site: Tidewater Gardens

Job ID: 400-184834-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 400-481807/1-A
Matrix: Solid
Analysis Batch: 481763

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 481807

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,3-Dichloropropane	0.0500	0.0475		mg/Kg		95	67 - 130
1,4-Dichlorobenzene	0.0500	0.0550		mg/Kg		110	65 - 130
2,2-Dichloropropane	0.0500	0.0454		mg/Kg		91	51 - 132
2-Butanone (MEK)	0.200	0.168		mg/Kg		84	55 - 130
2-Chlorotoluene	0.0500	0.0557		mg/Kg		111	67 - 130
2-Hexanone	0.200	0.165		mg/Kg		82	57 - 131
4-Chlorotoluene	0.0500	0.0559		mg/Kg		112	66 - 130
4-Isopropyltoluene	0.0500	0.0571		mg/Kg		114	68 - 130
4-Methyl-2-pentanone (MIBK)	0.200	0.165		mg/Kg		82	58 - 130
Acetone	0.200	0.139		mg/Kg		69	48 - 160
Benzene	0.0500	0.0456		mg/Kg		91	65 - 130
Bromobenzene	0.0500	0.0539		mg/Kg		108	65 - 130
Bromoform	0.0500	0.0510		mg/Kg		102	52 - 136
Bromomethane	0.0500	0.0486		mg/Kg		97	12 - 160
Carbon disulfide	0.0500	0.0465		mg/Kg		93	46 - 141
Carbon tetrachloride	0.0500	0.0449		mg/Kg		90	60 - 130
Chlorobenzene	0.0500	0.0492		mg/Kg		98	70 - 130
Chlorobromomethane	0.0500	0.0436		mg/Kg		87	65 - 130
Chlorodibromomethane	0.0500	0.0477		mg/Kg		95	58 - 132
Chloroethane	0.0500	0.0425		mg/Kg		85	55 - 134
Chloroform	0.0500	0.0462		mg/Kg		92	62 - 130
Chloromethane	0.0500	0.0385		mg/Kg		77	49 - 136
cis-1,2-Dichloroethene	0.0500	0.0443		mg/Kg		89	53 - 135
cis-1,3-Dichloropropene	0.0500	0.0465		mg/Kg		93	61 - 130
Dibromomethane	0.0500	0.0454		mg/Kg		91	65 - 130
Dichlorobromomethane	0.0500	0.0452		mg/Kg		90	61 - 130
Dichlorodifluoromethane	0.0500	0.0441		mg/Kg		88	34 - 143
Ethylbenzene	0.0500	0.0484		mg/Kg		97	70 - 130
Ethylene Dibromide	0.0500	0.0485		mg/Kg		97	67 - 130
Hexachlorobutadiene	0.0500	0.0608		mg/Kg		122	62 - 133
Iodomethane	0.0500	0.0509		mg/Kg		102	12 - 160
Isopropyl ether	0.0500	0.0400		mg/Kg		80	62 - 130
Isopropylbenzene	0.0500	0.0500		mg/Kg		100	70 - 130
Methyl tert-butyl ether	0.0500	0.0438		mg/Kg		88	63 - 130
Methylene Chloride	0.0500	0.0514		mg/Kg		103	57 - 132
m-Xylene & p-Xylene	0.0500	0.0473		mg/Kg		95	70 - 130
Naphthalene	0.0500	0.0544		mg/Kg		109	45 - 144
n-Butylbenzene	0.0500	0.0582		mg/Kg		116	66 - 130
N-Propylbenzene	0.0500	0.0548		mg/Kg		110	67 - 130
o-Xylene	0.0500	0.0476		mg/Kg		95	70 - 130
sec-Butylbenzene	0.0500	0.0565		mg/Kg		113	67 - 130
Styrene	0.0500	0.0485		mg/Kg		97	68 - 130
tert-Butylbenzene	0.0500	0.0523		mg/Kg		105	67 - 130
Tetrachloroethene	0.0500	0.0465		mg/Kg		93	67 - 130
Toluene	0.0500	0.0446		mg/Kg		89	70 - 130
trans-1,2-Dichloroethene	0.0500	0.0507		mg/Kg		101	58 - 134
trans-1,3-Dichloropropene	0.0500	0.0469		mg/Kg		94	60 - 130
Trichloroethene	0.0500	0.0461		mg/Kg		92	65 - 130
Trichlorofluoromethane	0.0500	0.0439		mg/Kg		88	61 - 136

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 400-481807/1-A
Matrix: Solid
Analysis Batch: 481763

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 481807

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Vinyl acetate	0.100	0.0864		mg/Kg		86	24 - 160
Vinyl chloride	0.0500	0.0450		mg/Kg		90	52 - 132

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*104*		*67 - 130*
Dibromofluoromethane	*97*		*77 - 127*
Toluene-d8 (Surr)	*108*		*76 - 127*

Lab Sample ID: 400-184834-1 MS
Matrix: Solid
Analysis Batch: 481763

Client Sample ID: B-1
Prep Type: Total/NA
Prep Batch: 481807

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	<0.0031		0.0559	0.0439		mg/Kg	☼	79	37 - 130
1,1,1-Trichloroethane	<0.0014		0.0559	0.0467		mg/Kg	☼	84	41 - 130
1,1,2,2-Tetrachloroethane	<0.0031		0.0559	0.0460		mg/Kg	☼	82	10 - 149
1,1,2-Trichloroethane	<0.0031		0.0559	0.0448		mg/Kg	☼	80	37 - 130
1,1-Dichloroethane	<0.0010		0.0559	0.0454		mg/Kg	☼	81	41 - 130
1,1-Dichloroethene	<0.0031		0.0559	0.0448		mg/Kg	☼	80	39 - 138
1,1-Dichloropropene	<0.0031		0.0559	0.0431		mg/Kg	☼	77	38 - 136
1,2,3-Trichlorobenzene	<0.0031		0.0559	0.0297		mg/Kg	☼	53	10 - 146
1,2,3-Trichloropropane	<0.0038		0.0559	0.0488		mg/Kg	☼	87	29 - 133
1,2,4-Trichlorobenzene	<0.0025		0.0559	0.0312		mg/Kg	☼	56	10 - 141
1,2,4-Trimethylbenzene	<0.0013		0.0559	0.0446		mg/Kg	☼	80	26 - 131
1,2-Dibromo-3-Chloropropane	<0.0041		0.0559	0.0422		mg/Kg	☼	76	14 - 132
1,2-Dichlorobenzene	<0.00089		0.0559	0.0367		mg/Kg	☼	66	20 - 130
1,2-Dichloroethane	<0.0010		0.0559	0.0355		mg/Kg	☼	64	37 - 130
1,2-Dichloropropane	<0.0031		0.0559	0.0435		mg/Kg	☼	78	39 - 130
1,3,5-Trimethylbenzene	<0.0010		0.0559	0.0469		mg/Kg	☼	84	28 - 131
1,3-Dichlorobenzene	<0.0012		0.0559	0.0388		mg/Kg	☼	69	22 - 130
1,3-Dichloropropane	<0.0013		0.0559	0.0451		mg/Kg	☼	81	39 - 130
1,4-Dichlorobenzene	<0.0031		0.0559	0.0371		mg/Kg	☼	66	21 - 130
2,2-Dichloropropane	<0.0031		0.0559	0.0446		mg/Kg	☼	80	32 - 134
2-Butanone (MEK)	<0.0075		0.223	0.149		mg/Kg	☼	67	19 - 139
2-Chlorotoluene	<0.0031		0.0559	0.0442		mg/Kg	☼	79	31 - 130
2-Hexanone	<0.0063		0.223	0.162		mg/Kg	☼	72	20 - 142
4-Chlorotoluene	<0.0012		0.0559	0.0434		mg/Kg	☼	78	28 - 130
4-Isopropyltoluene	<0.0013		0.0559	0.0441		mg/Kg	☼	79	20 - 137
4-Methyl-2-pentanone (MIBK)	<0.0063		0.223	0.162		mg/Kg	☼	72	21 - 144
Acetone	<0.016		0.223	0.170		mg/Kg	☼	76	10 - 150
Benzene	<0.00084		0.0559	0.0430		mg/Kg	☼	77	38 - 131
Bromobenzene	<0.0016		0.0559	0.0427		mg/Kg	☼	76	28 - 134
Bromoform	<0.0031		0.0559	0.0460		mg/Kg	☼	82	24 - 136
Bromomethane	<0.0031		0.0559	0.0406		mg/Kg	☼	73	10 - 150
Carbon disulfide	<0.0031		0.0559	0.0418		mg/Kg	☼	75	29 - 141
Carbon tetrachloride	<0.0021		0.0559	0.0423		mg/Kg	☼	76	36 - 134
Chlorobenzene	<0.00065		0.0559	0.0410		mg/Kg	☼	73	37 - 130
Chlorobromomethane	<0.0031		0.0559	0.0452		mg/Kg	☼	81	37 - 134

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 400-184834-1 MS
Matrix: Solid
Analysis Batch: 481763

Client Sample ID: B-1
Prep Type: Total/NA
Prep Batch: 481807

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chlorodibromomethane	<0.0031		0.0559	0.0433		mg/Kg	☼	78	32 - 132
Chloroethane	<0.0031		0.0559	0.0441		mg/Kg	☼	79	36 - 139
Chloroform	<0.0031		0.0559	0.0399		mg/Kg	☼	71	39 - 130
Chloromethane	<0.0013		0.0559	0.0397		mg/Kg	☼	71	35 - 136
cis-1,2-Dichloroethene	<0.00095		0.0559	0.0381		mg/Kg	☼	68	32 - 135
cis-1,3-Dichloropropene	<0.0015		0.0559	0.0404		mg/Kg	☼	72	34 - 130
Dibromomethane	<0.0031		0.0559	0.0417		mg/Kg	☼	75	35 - 130
Dichlorobromomethane	<0.0031		0.0559	0.0418		mg/Kg	☼	75	37 - 130
Dichlorodifluoromethane	<0.0016		0.0559	0.0422		mg/Kg	☼	75	21 - 146
Ethylbenzene	<0.00076		0.0559	0.0421		mg/Kg	☼	75	35 - 130
Ethylene Dibromide	<0.0013		0.0559	0.0408		mg/Kg	☼	73	35 - 130
Hexachlorobutadiene	<0.0031		0.0559	0.0362		mg/Kg	☼	65	10 - 144
Iodomethane	<0.0043		0.0559	0.0508		mg/Kg	☼	91	10 - 150
Isopropyl ether	<0.00069		0.0559	0.0413		mg/Kg	☼	74	43 - 130
Isopropylbenzene	<0.00085		0.0559	0.0419		mg/Kg	☼	75	31 - 132
Methyl tert-butyl ether	<0.0013		0.0559	0.0440		mg/Kg	☼	79	34 - 132
Methylene Chloride	<0.013		0.0559	0.0477		mg/Kg	☼	85	36 - 132
m-Xylene & p-Xylene	<0.0016		0.0559	0.0421		mg/Kg	☼	75	35 - 130
Naphthalene	<0.0025		0.0559	0.0372		mg/Kg	☼	67	10 - 150
n-Butylbenzene	<0.0012		0.0559	0.0437		mg/Kg	☼	78	20 - 133
N-Propylbenzene	<0.0011		0.0559	0.0463		mg/Kg	☼	83	29 - 132
o-Xylene	<0.0013		0.0559	0.0411		mg/Kg	☼	74	35 - 130
sec-Butylbenzene	<0.0012		0.0559	0.0456		mg/Kg	☼	82	22 - 135
Styrene	<0.0013		0.0559	0.0380		mg/Kg	☼	68	31 - 130
tert-Butylbenzene	<0.0031		0.0559	0.0439		mg/Kg	☼	79	26 - 133
Tetrachloroethene	<0.0031		0.0559	0.0407		mg/Kg	☼	73	27 - 147
Toluene	0.0015	J	0.0559	0.0427		mg/Kg	☼	74	42 - 130
trans-1,2-Dichloroethene	<0.0031		0.0559	0.0449		mg/Kg	☼	80	40 - 134
trans-1,3-Dichloropropene	<0.0031		0.0559	0.0397		mg/Kg	☼	71	31 - 130
Trichloroethene	<0.0013		0.0559	0.0410		mg/Kg	☼	73	34 - 144
Trichlorofluoromethane	<0.0031		0.0559	0.0498		mg/Kg	☼	89	41 - 143
Vinyl acetate	<0.011	F1	0.112	0.0127	J	mg/Kg	☼	11	10 - 150
Vinyl chloride	<0.0031		0.0559	0.0506		mg/Kg	☼	91	35 - 136

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*107*		*67 - 130*
Dibromofluoromethane	*91*		*77 - 127*
Toluene-d8 (Surr)	*108*		*76 - 127*

Lab Sample ID: 400-184834-1 MSD
Matrix: Solid
Analysis Batch: 481763

Client Sample ID: B-1
Prep Type: Total/NA
Prep Batch: 481807

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	<0.0031		0.0558	0.0380		mg/Kg	☼	68	37 - 130	14	34
1,1,1-Trichloroethane	<0.0014		0.0558	0.0436		mg/Kg	☼	78	41 - 130	7	40
1,1,2,2-Tetrachloroethane	<0.0031		0.0558	0.0420		mg/Kg	☼	75	10 - 149	9	44
1,1,2-Trichloroethane	<0.0031		0.0558	0.0403		mg/Kg	☼	72	37 - 130	11	33

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 400-184834-1 MSD
Matrix: Solid
Analysis Batch: 481763

Client Sample ID: B-1
Prep Type: Total/NA
Prep Batch: 481807

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1-Dichloroethane	<0.0010		0.0558	0.0414		mg/Kg	☼	74	41 - 130	9	35
1,1-Dichloroethene	<0.0031		0.0558	0.0428		mg/Kg	☼	77	39 - 138	5	37
1,1-Dichloropropene	<0.0031		0.0558	0.0390		mg/Kg	☼	70	38 - 136	10	43
1,2,3-Trichlorobenzene	<0.0031		0.0558	0.0225		mg/Kg	☼	40	10 - 146	28	47
1,2,3-Trichloropropane	<0.0038		0.0558	0.0418		mg/Kg	☼	75	29 - 133	15	33
1,2,4-Trichlorobenzene	<0.0025		0.0558	0.0224		mg/Kg	☼	40	10 - 141	33	53
1,2,4-Trimethylbenzene	<0.0013		0.0558	0.0352		mg/Kg	☼	63	26 - 131	24	48
1,2-Dibromo-3-Chloropropane	<0.0041		0.0558	0.0368		mg/Kg	☼	66	14 - 132	14	38
1,2-Dichlorobenzene	<0.00089		0.0558	0.0292		mg/Kg	☼	52	20 - 130	23	40
1,2-Dichloroethane	<0.0010		0.0558	0.0348		mg/Kg	☼	62	37 - 130	2	32
1,2-Dichloropropane	<0.0031		0.0558	0.0411		mg/Kg	☼	74	39 - 130	6	35
1,3,5-Trimethylbenzene	<0.0010		0.0558	0.0369		mg/Kg	☼	66	28 - 131	24	46
1,3-Dichlorobenzene	<0.0012		0.0558	0.0286		mg/Kg	☼	51	22 - 130	30	41
1,3-Dichloropropane	<0.0013		0.0558	0.0389		mg/Kg	☼	70	39 - 130	15	32
1,4-Dichlorobenzene	<0.0031		0.0558	0.0274		mg/Kg	☼	49	21 - 130	30	40
2,2-Dichloropropane	<0.0031		0.0558	0.0423		mg/Kg	☼	76	32 - 134	5	41
2-Butanone (MEK)	<0.0075		0.223	0.148		mg/Kg	☼	66	19 - 139	1	41
2-Chlorotoluene	<0.0031		0.0558	0.0356		mg/Kg	☼	64	31 - 130	21	45
2-Hexanone	<0.0063		0.223	0.139		mg/Kg	☼	62	20 - 142	15	37
4-Chlorotoluene	<0.0012		0.0558	0.0338		mg/Kg	☼	61	28 - 130	25	42
4-Isopropyltoluene	<0.0013		0.0558	0.0331		mg/Kg	☼	59	20 - 137	29	53
4-Methyl-2-pentanone (MIBK)	<0.0063		0.223	0.144		mg/Kg	☼	64	21 - 144	12	39
Acetone	<0.016		0.223	0.174		mg/Kg	☼	78	10 - 150	2	38
Benzene	<0.00084		0.0558	0.0392		mg/Kg	☼	70	38 - 131	9	36
Bromobenzene	<0.0016		0.0558	0.0350		mg/Kg	☼	63	28 - 134	20	37
Bromoform	<0.0031		0.0558	0.0406		mg/Kg	☼	73	24 - 136	13	34
Bromomethane	<0.0031		0.0558	0.0340		mg/Kg	☼	61	10 - 150	18	47
Carbon disulfide	<0.0031		0.0558	0.0371		mg/Kg	☼	67	29 - 141	12	39
Carbon tetrachloride	<0.0021		0.0558	0.0394		mg/Kg	☼	71	36 - 134	7	44
Chlorobenzene	<0.00065		0.0558	0.0341		mg/Kg	☼	61	37 - 130	18	37
Chlorobromomethane	<0.0031		0.0558	0.0428		mg/Kg	☼	77	37 - 134	5	38
Chlorodibromomethane	<0.0031		0.0558	0.0370		mg/Kg	☼	66	32 - 132	16	34
Chloroethane	<0.0031		0.0558	0.0403		mg/Kg	☼	72	36 - 139	9	42
Chloroform	<0.0031		0.0558	0.0382		mg/Kg	☼	68	39 - 130	4	35
Chloromethane	<0.0013		0.0558	0.0347		mg/Kg	☼	62	35 - 136	13	41
cis-1,2-Dichloroethene	<0.00095		0.0558	0.0343		mg/Kg	☼	62	32 - 135	10	35
cis-1,3-Dichloropropene	<0.0015		0.0558	0.0349		mg/Kg	☼	63	34 - 130	15	35
Dibromomethane	<0.0031		0.0558	0.0359		mg/Kg	☼	64	35 - 130	15	34
Dichlorobromomethane	<0.0031		0.0558	0.0374		mg/Kg	☼	67	37 - 130	11	34
Dichlorodifluoromethane	<0.0016		0.0558	0.0355		mg/Kg	☼	64	21 - 146	17	46
Ethylbenzene	<0.00076		0.0558	0.0348		mg/Kg	☼	62	35 - 130	19	46
Ethylene Dibromide	<0.0013		0.0558	0.0375		mg/Kg	☼	67	35 - 130	9	31
Hexachlorobutadiene	<0.0031		0.0558	0.0258		mg/Kg	☼	46	10 - 144	34	68
Iodomethane	<0.0043		0.0558	0.0405		mg/Kg	☼	73	10 - 150	23	52
Isopropyl ether	<0.00069		0.0558	0.0362		mg/Kg	☼	65	43 - 130	13	33
Isopropylbenzene	<0.00085		0.0558	0.0341		mg/Kg	☼	61	31 - 132	21	51
Methyl tert-butyl ether	<0.0013		0.0558	0.0418		mg/Kg	☼	75	34 - 132	5	31
Methylene Chloride	<0.013		0.0558	0.0421		mg/Kg	☼	76	36 - 132	12	38
m-Xylene & p-Xylene	<0.0016		0.0558	0.0343		mg/Kg	☼	61	35 - 130	20	42

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 400-184834-1 MSD
Matrix: Solid
Analysis Batch: 481763

Client Sample ID: B-1
Prep Type: Total/NA
Prep Batch: 481807

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Naphthalene	<0.0025		0.0558	0.0331		mg/Kg	☼	59	10 - 150	12	49
n-Butylbenzene	<0.0012		0.0558	0.0300		mg/Kg	☼	54	20 - 133	37	50
N-Propylbenzene	<0.0011		0.0558	0.0353		mg/Kg	☼	63	29 - 132	27	42
o-Xylene	<0.0013		0.0558	0.0346		mg/Kg	☼	62	35 - 130	17	37
sec-Butylbenzene	<0.0012		0.0558	0.0343		mg/Kg	☼	61	22 - 135	28	52
Styrene	<0.0013		0.0558	0.0304		mg/Kg	☼	55	31 - 130	22	39
tert-Butylbenzene	<0.0031		0.0558	0.0350		mg/Kg	☼	63	26 - 133	23	47
Tetrachloroethene	<0.0031		0.0558	0.0350		mg/Kg	☼	63	27 - 147	15	44
Toluene	0.0015	J	0.0558	0.0369		mg/Kg	☼	63	42 - 130	15	37
trans-1,2-Dichloroethene	<0.0031		0.0558	0.0401		mg/Kg	☼	72	40 - 134	11	38
trans-1,3-Dichloropropene	<0.0031		0.0558	0.0335		mg/Kg	☼	60	31 - 130	17	34
Trichloroethene	<0.0013		0.0558	0.0372		mg/Kg	☼	67	34 - 144	10	42
Trichlorofluoromethane	<0.0031		0.0558	0.0404		mg/Kg	☼	72	41 - 143	21	42
Vinyl acetate	<0.011	F1	0.112	<0.010	F1	mg/Kg	☼	0	10 - 150	NC	60
Vinyl chloride	<0.0031		0.0558	0.0411		mg/Kg	☼	74	35 - 136	21	43

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene	*107*		*67 - 130*
Dibromofluoromethane	*95*		*77 - 127*
Toluene-d8 (Surr)	*107*		*76 - 127*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 400-481286/1-A
Matrix: Solid
Analysis Batch: 481665

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 481286

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	<0.033		0.33	0.033	mg/Kg		03/10/20 11:52	03/12/20 14:54	1
1,2,4,5-Tetrachlorobenzene	<0.033		0.33	0.033	mg/Kg		03/10/20 11:52	03/12/20 14:54	1
1,2,4-Trichlorobenzene	<0.033		0.33	0.033	mg/Kg		03/10/20 11:52	03/12/20 14:54	1
1,2-Dichlorobenzene	<0.033		0.33	0.033	mg/Kg		03/10/20 11:52	03/12/20 14:54	1
1,3-Dichlorobenzene	<0.033		0.33	0.033	mg/Kg		03/10/20 11:52	03/12/20 14:54	1
1,3-Dinitrobenzene	<0.033		0.33	0.033	mg/Kg		03/10/20 11:52	03/12/20 14:54	1
1,4-Dichlorobenzene	<0.033		0.33	0.033	mg/Kg		03/10/20 11:52	03/12/20 14:54	1
1,4-Dioxane	<0.033		0.33	0.033	mg/Kg		03/10/20 11:52	03/12/20 14:54	1
1-Methylnaphthalene	<0.033		0.33	0.033	mg/Kg		03/10/20 11:52	03/12/20 14:54	1
2,2'-oxybis(1-chloropropane)	<0.033		0.33	0.033	mg/Kg		03/10/20 11:52	03/12/20 14:54	1
2,3,4,6-Tetrachlorophenol	<0.033		0.33	0.033	mg/Kg		03/10/20 11:52	03/12/20 14:54	1
2,4,5-Trichlorophenol	<0.033		0.33	0.033	mg/Kg		03/10/20 11:52	03/12/20 14:54	1
2,4,6-Trichlorophenol	<0.033		0.33	0.033	mg/Kg		03/10/20 11:52	03/12/20 14:54	1
2,4-Dichlorophenol	<0.033		0.33	0.033	mg/Kg		03/10/20 11:52	03/12/20 14:54	1
2,4-Dimethylphenol	<0.033		0.33	0.033	mg/Kg		03/10/20 11:52	03/12/20 14:54	1
2,4-Dinitrophenol	<0.29		0.99	0.29	mg/Kg		03/10/20 11:52	03/12/20 14:54	1
2,4-Dinitrotoluene	<0.033		0.33	0.033	mg/Kg		03/10/20 11:52	03/12/20 14:54	1
2,6-Dinitrotoluene	<0.033		0.33	0.033	mg/Kg		03/10/20 11:52	03/12/20 14:54	1
2-Chloronaphthalene	<0.033		0.33	0.033	mg/Kg		03/10/20 11:52	03/12/20 14:54	1
2-Chlorophenol	<0.033		0.33	0.033	mg/Kg		03/10/20 11:52	03/12/20 14:54	1
2-Methylnaphthalene	<0.033		0.33	0.033	mg/Kg		03/10/20 11:52	03/12/20 14:54	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 400-481286/1-A
Matrix: Solid
Analysis Batch: 481665

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 481286

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	<0.033		0.33	0.033	mg/Kg		03/10/20 11:52	03/12/20 14:54	1
2-Nitroaniline	<0.033		0.33	0.033	mg/Kg		03/10/20 11:52	03/12/20 14:54	1
2-Nitrophenol	<0.033		0.33	0.033	mg/Kg		03/10/20 11:52	03/12/20 14:54	1
3 & 4 Methylphenol	<0.033		0.66	0.033	mg/Kg		03/10/20 11:52	03/12/20 14:54	1
3,3'-Dichlorobenzidine	<0.033		0.33	0.033	mg/Kg		03/10/20 11:52	03/12/20 14:54	1
3-Nitroaniline	<0.033		0.33	0.033	mg/Kg		03/10/20 11:52	03/12/20 14:54	1
4,6-Dinitro-2-methylphenol	<0.033		0.33	0.033	mg/Kg		03/10/20 11:52	03/12/20 14:54	1
4-Bromophenyl phenyl ether	<0.033		0.33	0.033	mg/Kg		03/10/20 11:52	03/12/20 14:54	1
4-Chloro-3-methylphenol	<0.033		0.33	0.033	mg/Kg		03/10/20 11:52	03/12/20 14:54	1
4-Chloroaniline	<0.033		0.33	0.033	mg/Kg		03/10/20 11:52	03/12/20 14:54	1
4-Chlorophenyl phenyl ether	<0.033		0.33	0.033	mg/Kg		03/10/20 11:52	03/12/20 14:54	1
4-Nitroaniline	<0.033		0.33	0.033	mg/Kg		03/10/20 11:52	03/12/20 14:54	1
4-Nitrophenol	<0.11		0.33	0.11	mg/Kg		03/10/20 11:52	03/12/20 14:54	1
Acenaphthene	<0.033		0.33	0.033	mg/Kg		03/10/20 11:52	03/12/20 14:54	1
Acenaphthylene	<0.033		0.33	0.033	mg/Kg		03/10/20 11:52	03/12/20 14:54	1
Acetophenone	<0.033		0.33	0.033	mg/Kg		03/10/20 11:52	03/12/20 14:54	1
Aniline	<0.043		0.33	0.043	mg/Kg		03/10/20 11:52	03/12/20 14:54	1
Anthracene	<0.033		0.33	0.033	mg/Kg		03/10/20 11:52	03/12/20 14:54	1
Azobenzene	<0.033		0.33	0.033	mg/Kg		03/10/20 11:52	03/12/20 14:54	1
Benzidine	<0.099		0.99	0.099	mg/Kg		03/10/20 11:52	03/12/20 14:54	1
Benzo[a]anthracene	<0.033		0.33	0.033	mg/Kg		03/10/20 11:52	03/12/20 14:54	1
Benzo[a]pyrene	<0.033		0.33	0.033	mg/Kg		03/10/20 11:52	03/12/20 14:54	1
Benzo[b]fluoranthene	<0.033		0.33	0.033	mg/Kg		03/10/20 11:52	03/12/20 14:54	1
Benzo[g,h,i]perylene	<0.033		0.33	0.033	mg/Kg		03/10/20 11:52	03/12/20 14:54	1
Benzo[k]fluoranthene	<0.033		0.33	0.033	mg/Kg		03/10/20 11:52	03/12/20 14:54	1
Benzyl alcohol	<0.033		0.33	0.033	mg/Kg		03/10/20 11:52	03/12/20 14:54	1
Bis(2-chloroethoxy)methane	<0.033		0.33	0.033	mg/Kg		03/10/20 11:52	03/12/20 14:54	1
Bis(2-chloroethyl)ether	<0.033		0.33	0.033	mg/Kg		03/10/20 11:52	03/12/20 14:54	1
Bis(2-ethylhexyl) phthalate	0.0850	J	0.33	0.033	mg/Kg		03/10/20 11:52	03/12/20 14:54	1
Butyl benzyl phthalate	<0.033		0.33	0.033	mg/Kg		03/10/20 11:52	03/12/20 14:54	1
Carbazole	<0.033		0.33	0.033	mg/Kg		03/10/20 11:52	03/12/20 14:54	1
Chrysene	<0.033		0.33	0.033	mg/Kg		03/10/20 11:52	03/12/20 14:54	1
Dibenz(a,h)anthracene	<0.033		0.33	0.033	mg/Kg		03/10/20 11:52	03/12/20 14:54	1
Dibenzofuran	<0.033		0.33	0.033	mg/Kg		03/10/20 11:52	03/12/20 14:54	1
Diethyl phthalate	<0.033		0.33	0.033	mg/Kg		03/10/20 11:52	03/12/20 14:54	1
Dimethyl phthalate	<0.033		0.33	0.033	mg/Kg		03/10/20 11:52	03/12/20 14:54	1
Di-n-butyl phthalate	0.0413	J	0.33	0.033	mg/Kg		03/10/20 11:52	03/12/20 14:54	1
Di-n-octyl phthalate	<0.033		0.33	0.033	mg/Kg		03/10/20 11:52	03/12/20 14:54	1
Fluoranthene	<0.033		0.33	0.033	mg/Kg		03/10/20 11:52	03/12/20 14:54	1
Fluorene	<0.033		0.33	0.033	mg/Kg		03/10/20 11:52	03/12/20 14:54	1
Hexachlorobenzene	<0.10		0.33	0.10	mg/Kg		03/10/20 11:52	03/12/20 14:54	1
Hexachlorobutadiene	<0.033		0.33	0.033	mg/Kg		03/10/20 11:52	03/12/20 14:54	1
Hexachlorocyclopentadiene	<0.066		0.33	0.066	mg/Kg		03/10/20 11:52	03/12/20 14:54	1
Hexachloroethane	<0.10		0.33	0.10	mg/Kg		03/10/20 11:52	03/12/20 14:54	1
Hexadecane	<0.033		0.33	0.033	mg/Kg		03/10/20 11:52	03/12/20 14:54	1
Indeno[1,2,3-cd]pyrene	<0.033		0.33	0.033	mg/Kg		03/10/20 11:52	03/12/20 14:54	1
Isophorone	<0.033		0.33	0.033	mg/Kg		03/10/20 11:52	03/12/20 14:54	1
Naphthalene	<0.033		0.33	0.033	mg/Kg		03/10/20 11:52	03/12/20 14:54	1
n-Decane	<0.033		0.33	0.033	mg/Kg		03/10/20 11:52	03/12/20 14:54	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 400-481286/1-A
Matrix: Solid
Analysis Batch: 481665

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 481286

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrobenzene	<0.033		0.33	0.033	mg/Kg		03/10/20 11:52	03/12/20 14:54	1
N-Nitrosodimethylamine	<0.066		0.33	0.066	mg/Kg		03/10/20 11:52	03/12/20 14:54	1
N-Nitrosodi-n-propylamine	<0.11		0.33	0.11	mg/Kg		03/10/20 11:52	03/12/20 14:54	1
N-Nitrosodiphenylamine	<0.033		0.33	0.033	mg/Kg		03/10/20 11:52	03/12/20 14:54	1
n-Octadecane	<0.033		0.33	0.033	mg/Kg		03/10/20 11:52	03/12/20 14:54	1
Pentachlorophenol	<0.066		0.66	0.066	mg/Kg		03/10/20 11:52	03/12/20 14:54	1
Phenanthrene	<0.033		0.33	0.033	mg/Kg		03/10/20 11:52	03/12/20 14:54	1
Phenol	<0.033		0.33	0.033	mg/Kg		03/10/20 11:52	03/12/20 14:54	1
Pyrene	<0.033		0.33	0.033	mg/Kg		03/10/20 11:52	03/12/20 14:54	1
Pyridine	<0.15		0.33	0.15	mg/Kg		03/10/20 11:52	03/12/20 14:54	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*63*		*10 - 150*	*03/10/20 11:52*	*03/12/20 14:54*	*1*
2-Fluorobiphenyl	*67*		*27 - 127*	*03/10/20 11:52*	*03/12/20 14:54*	*1*
2-Fluorophenol (Surr)	*65*		*25 - 128*	*03/10/20 11:52*	*03/12/20 14:54*	*1*
Nitrobenzene-d5 (Surr)	*63*		*15 - 136*	*03/10/20 11:52*	*03/12/20 14:54*	*1*
Phenol-d5 (Surr)	*68*		*29 - 130*	*03/10/20 11:52*	*03/12/20 14:54*	*1*
Terphenyl-d14 (Surr)	*89*		*24 - 146*	*03/10/20 11:52*	*03/12/20 14:54*	*1*

Lab Sample ID: MB 400-481286/1-A
Matrix: Solid
Analysis Batch: 481773

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 481286

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Atrazine	<0.033		0.33	0.033	mg/Kg		03/10/20 11:52	03/13/20 09:55	1
Benzaldehyde	<0.033		0.33	0.033	mg/Kg		03/10/20 11:52	03/13/20 09:55	1
Benzoic acid	<0.35		0.99	0.35	mg/Kg		03/10/20 11:52	03/13/20 09:55	1
Caprolactam	<0.033		0.33	0.033	mg/Kg		03/10/20 11:52	03/13/20 09:55	1
Sulfolane	<0.033		0.33	0.033	mg/Kg		03/10/20 11:52	03/13/20 09:55	1

Lab Sample ID: LCS 400-481286/2-A
Matrix: Solid
Analysis Batch: 481665

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 481286

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1'-Biphenyl	2.00	1.26		mg/Kg		63	56 - 120
1,2,4,5-Tetrachlorobenzene	2.00	1.23		mg/Kg		61	49 - 120
1,2,4-Trichlorobenzene	2.00	1.24		mg/Kg		62	48 - 120
1,2-Dichlorobenzene	2.00	1.22		mg/Kg		61	49 - 120
1,3-Dichlorobenzene	2.00	1.18		mg/Kg		59	48 - 120
1,3-Dinitrobenzene	2.00	1.26		mg/Kg		63	56 - 131
1,4-Dichlorobenzene	2.00	1.22		mg/Kg		61	49 - 120
1,4-Dioxane	2.00	0.698		mg/Kg		35	25 - 120
1-Methylnaphthalene	2.00	1.36		mg/Kg		68	40 - 120
2,2'-oxybis(1-chloropropane)	2.00	1.35		mg/Kg		68	34 - 120
2,3,4,6-Tetrachlorophenol	2.00	1.43		mg/Kg		71	50 - 143
2,4,5-Trichlorophenol	2.00	1.36		mg/Kg		68	53 - 133
2,4,6-Trichlorophenol	2.00	1.34		mg/Kg		67	51 - 125
2,4-Dichlorophenol	2.00	1.43		mg/Kg		71	56 - 120

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 400-481286/2-A
Matrix: Solid
Analysis Batch: 481665

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 481286

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4-Dimethylphenol	2.00	1.54		mg/Kg		77	54 - 120
2,4-Dinitrophenol	4.00	2.36		mg/Kg		59	10 - 138
2,4-Dinitrotoluene	2.00	1.38		mg/Kg		69	59 - 133
2,6-Dinitrotoluene	2.00	1.32		mg/Kg		66	57 - 123
2-Chloronaphthalene	2.00	1.26		mg/Kg		63	55 - 120
2-Chlorophenol	2.00	1.37		mg/Kg		68	52 - 120
2-Methylnaphthalene	2.00	1.36		mg/Kg		68	40 - 120
2-Methylphenol	2.00	1.41		mg/Kg		71	51 - 123
2-Nitroaniline	2.00	1.38		mg/Kg		69	55 - 129
2-Nitrophenol	2.00	1.24		mg/Kg		62	53 - 120
3 & 4 Methylphenol	2.00	1.42		mg/Kg		71	47 - 123
3,3'-Dichlorobenzidine	2.67	2.93		mg/Kg		110	42 - 120
3-Nitroaniline	2.00	1.22		mg/Kg		61	45 - 120
4,6-Dinitro-2-methylphenol	4.00	2.57		mg/Kg		64	35 - 135
4-Bromophenyl phenyl ether	2.00	1.33		mg/Kg		66	51 - 120
4-Chloro-3-methylphenol	2.00	1.42		mg/Kg		71	57 - 124
4-Chloroaniline	2.00	1.08		mg/Kg		54	34 - 120
4-Chlorophenyl phenyl ether	2.00	1.33		mg/Kg		67	56 - 120
4-Nitroaniline	2.00	1.31		mg/Kg		66	52 - 126
4-Nitrophenol	4.00	2.80		mg/Kg		70	38 - 133
Acenaphthene	2.00	1.23		mg/Kg		61	50 - 120
Acenaphthylene	2.00	1.37		mg/Kg		69	50 - 120
Acetophenone	2.00	1.27		mg/Kg		64	52 - 120
Aniline	2.00	0.821		mg/Kg		41	36 - 120
Anthracene	2.00	1.44		mg/Kg		72	52 - 120
Atrazine	2.00	1.45		mg/Kg		73	44 - 120
Azobenzene	2.00	1.48		mg/Kg		74	50 - 120
Benzaldehyde	2.00	1.27		mg/Kg		63	20 - 120
Benzidine	9.06	3.85		mg/Kg		42	10 - 120
Benzo[a]anthracene	2.00	1.49		mg/Kg		75	55 - 120
Benzo[a]pyrene	2.00	1.40		mg/Kg		70	54 - 120
Benzo[b]fluoranthene	2.00	1.50		mg/Kg		75	55 - 120
Benzo[g,h,i]perylene	2.00	1.39		mg/Kg		70	45 - 120
Benzo[k]fluoranthene	2.00	1.56		mg/Kg		78	52 - 120
Benzoic acid	7.76	4.55		mg/Kg		59	10 - 139
Benzyl alcohol	2.00	1.37		mg/Kg		68	10 - 127
Bis(2-chloroethoxy)methane	2.00	1.27		mg/Kg		63	52 - 120
Bis(2-chloroethyl)ether	2.00	1.41		mg/Kg		71	50 - 120
Bis(2-ethylhexyl) phthalate	2.00	1.96		mg/Kg		98	58 - 158
Butyl benzyl phthalate	2.00	1.86		mg/Kg		93	58 - 126
Caprolactam	2.00	1.29		mg/Kg		64	53 - 127
Carbazole	2.00	1.50		mg/Kg		75	61 - 132
Chrysene	2.00	1.45		mg/Kg		72	54 - 120
Dibenz(a,h)anthracene	2.00	1.29		mg/Kg		64	49 - 120
Dibenzofuran	2.00	1.35		mg/Kg		68	58 - 120
Diethyl phthalate	2.00	1.57		mg/Kg		78	56 - 128
Dimethyl phthalate	2.00	1.40		mg/Kg		70	58 - 120
Di-n-butyl phthalate	2.00	1.65		mg/Kg		83	64 - 122
Di-n-octyl phthalate	2.00	1.93		mg/Kg		97	57 - 137

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 400-481286/2-A
Matrix: Solid
Analysis Batch: 481665

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 481286

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Fluoranthene	2.00	1.50		mg/Kg		75	49 - 120
Fluorene	2.00	1.45		mg/Kg		73	47 - 120
Hexachlorobenzene	2.00	1.41		mg/Kg		71	49 - 127
Hexachlorobutadiene	2.00	1.27		mg/Kg		63	43 - 120
Hexachlorocyclopentadiene	2.00	0.767		mg/Kg		38	10 - 140
Hexachloroethane	2.00	1.28		mg/Kg		64	45 - 120
Hexadecane	2.00	1.31		mg/Kg		66	37 - 120
Indeno[1,2,3-cd]pyrene	2.00	1.32		mg/Kg		66	47 - 120
Isophorone	2.00	1.38		mg/Kg		69	50 - 120
Naphthalene	2.00	1.23		mg/Kg		61	41 - 120
n-Decane	2.00	1.22		mg/Kg		61	26 - 120
Nitrobenzene	2.00	1.31		mg/Kg		65	50 - 120
N-Nitrosodimethylamine	2.00	1.16		mg/Kg		58	35 - 120
N-Nitrosodi-n-propylamine	2.00	1.39		mg/Kg		70	48 - 120
N-Nitrosodiphenylamine	1.98	1.33		mg/Kg		67	54 - 120
n-Octadecane	2.00	1.43		mg/Kg		71	31 - 138
Pentachlorophenol	4.00	2.40		mg/Kg		60	32 - 131
Phenanthrene	2.00	1.41		mg/Kg		71	50 - 120
Phenol	2.00	1.49		mg/Kg		75	51 - 120
Pyrene	2.00	1.70		mg/Kg		85	54 - 120
Pyridine	4.00	1.78		mg/Kg		44	29 - 120
Sulfolane	1.99	1.36		mg/Kg		69	38 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*79*		*10 - 150*
2-Fluorobiphenyl	*65*		*27 - 127*
2-Fluorophenol (Surr)	*65*		*25 - 128*
Nitrobenzene-d5 (Surr)	*77*		*15 - 136*
Phenol-d5 (Surr)	*70*		*29 - 130*
Terphenyl-d14 (Surr)	*81*		*24 - 146*

Lab Sample ID: 400-184857-B-3-B MS
Matrix: Solid
Analysis Batch: 481665

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 481286

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1'-Biphenyl	<0.034		2.08	1.51		mg/Kg	☼	73	40 - 140
1,2,4,5-Tetrachlorobenzene	<0.034		2.08	1.47		mg/Kg	☼	70	40 - 140
1,2,4-Trichlorobenzene	<0.034		2.08	1.49		mg/Kg	☼	72	40 - 140
1,2-Dichlorobenzene	<0.034		2.08	1.45		mg/Kg	☼	70	40 - 140
1,3-Dichlorobenzene	<0.034		2.08	1.39		mg/Kg	☼	67	40 - 140
1,3-Dinitrobenzene	<0.034		2.08	1.53		mg/Kg	☼	73	40 - 140
1,4-Dichlorobenzene	<0.034		2.08	1.44		mg/Kg	☼	69	40 - 140
1,4-Dioxane	<0.034	F1	2.08	0.816	F1	mg/Kg	☼	39	40 - 140
1-Methylnaphthalene	<0.034		2.08	1.66		mg/Kg	☼	79	40 - 140
2,2'-oxybis(1-chloropropane)	<0.034		2.08	1.59		mg/Kg	☼	76	40 - 140
2,3,4,6-Tetrachlorophenol	<0.034		2.08	1.69		mg/Kg	☼	81	40 - 140
2,4,5-Trichlorophenol	<0.034		2.08	1.59		mg/Kg	☼	76	40 - 140

Client: SCS Engineers
Project/Site: Tidewater Gardens

Job ID: 400-184834-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 400-184857-B-3-B MS
Matrix: Solid
Analysis Batch: 481665

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 481286

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4,6-Trichlorophenol	<0.034		2.08	1.58		mg/Kg	☼	76	40 - 140
2,4-Dichlorophenol	<0.034		2.08	1.72		mg/Kg	☼	83	40 - 140
2,4-Dimethylphenol	<0.034		2.08	1.88		mg/Kg	☼	90	40 - 140
2,4-Dinitrophenol	<0.30	F1	4.17	1.71		mg/Kg	☼	41	40 - 140
2,4-Dinitrotoluene	<0.034		2.08	1.69		mg/Kg	☼	81	40 - 140
2,6-Dinitrotoluene	<0.034		2.08	1.58		mg/Kg	☼	76	40 - 140
2-Chloronaphthalene	<0.034		2.08	1.50		mg/Kg	☼	72	40 - 140
2-Chlorophenol	<0.034		2.08	1.63		mg/Kg	☼	78	40 - 140
2-Methylnaphthalene	<0.034		2.08	1.66		mg/Kg	☼	80	40 - 140
2-Methylphenol	<0.034		2.08	1.68		mg/Kg	☼	81	40 - 140
2-Nitroaniline	<0.034		2.08	1.66		mg/Kg	☼	80	40 - 140
2-Nitrophenol	<0.034		2.08	1.52		mg/Kg	☼	73	40 - 140
3 & 4 Methylphenol	<0.034		2.08	1.71		mg/Kg	☼	82	40 - 140
3,3'-Dichlorobenzidine	<0.034		2.78	3.87	E	mg/Kg	☼	139	40 - 140
3-Nitroaniline	<0.034		2.08	1.50		mg/Kg	☼	72	40 - 140
4,6-Dinitro-2-methylphenol	<0.034	F2	4.17	2.75		mg/Kg	☼	66	40 - 140
4-Bromophenyl phenyl ether	<0.034		2.08	1.69		mg/Kg	☼	81	40 - 140
4-Chloro-3-methylphenol	<0.034		2.08	1.72		mg/Kg	☼	82	40 - 140
4-Chloroaniline	<0.034		2.08	1.39		mg/Kg	☼	67	40 - 140
4-Chlorophenyl phenyl ether	<0.034		2.08	1.61		mg/Kg	☼	77	40 - 140
4-Nitroaniline	<0.034		2.08	1.60		mg/Kg	☼	77	40 - 140
4-Nitrophenol	<0.11		4.17	3.39		mg/Kg	☼	81	40 - 140
Acenaphthene	<0.034		2.08	1.50		mg/Kg	☼	72	40 - 140
Acenaphthylene	<0.034		2.08	1.66		mg/Kg	☼	80	40 - 140
Acetophenone	<0.034		2.08	1.52		mg/Kg	☼	73	40 - 140
Aniline	<0.045		2.08	1.10		mg/Kg	☼	53	40 - 140
Anthracene	<0.034		2.08	1.82		mg/Kg	☼	87	40 - 140
Atrazine	<0.034		2.08	1.80		mg/Kg	☼	86	40 - 140
Azobenzene	<0.034		2.08	1.82		mg/Kg	☼	87	40 - 140
Benzaldehyde	<0.034		2.08	1.53		mg/Kg	☼	73	40 - 140
Benzidine	<0.10	F1	9.44	4.21		mg/Kg	☼	45	40 - 140
Benzo[a]anthracene	<0.034		2.08	1.82		mg/Kg	☼	87	40 - 140
Benzo[a]pyrene	0.044	J	2.08	1.69		mg/Kg	☼	79	40 - 140
Benzo[b]fluoranthene	<0.034		2.08	1.86		mg/Kg	☼	89	40 - 140
Benzo[g,h,i]perylene	<0.034		2.08	1.68		mg/Kg	☼	81	40 - 140
Benzo[k]fluoranthene	<0.034		2.08	1.84		mg/Kg	☼	88	40 - 140
Benzoic acid	<0.36	F1	8.09	1.87	F1	mg/Kg	☼	23	40 - 140
Benzyl alcohol	<0.034		2.08	1.66		mg/Kg	☼	80	40 - 140
Bis(2-chloroethoxy)methane	<0.034		2.08	1.54		mg/Kg	☼	74	40 - 140
Bis(2-chloroethyl)ether	<0.034		2.08	1.66		mg/Kg	☼	80	40 - 140
Bis(2-ethylhexyl) phthalate	0.093	J B	2.08	2.37		mg/Kg	☼	109	40 - 140
Butyl benzyl phthalate	<0.034		2.08	2.28		mg/Kg	☼	109	40 - 140
Caprolactam	<0.034		2.08	1.35		mg/Kg	☼	65	40 - 140
Carbazole	<0.034		2.08	1.97		mg/Kg	☼	95	40 - 140
Chrysene	<0.034		2.08	1.74		mg/Kg	☼	84	40 - 140
Dibenz(a,h)anthracene	<0.034		2.08	1.62		mg/Kg	☼	78	40 - 140
Dibenzofuran	<0.034		2.08	1.66		mg/Kg	☼	79	40 - 140
Diethyl phthalate	<0.034		2.08	1.88		mg/Kg	☼	90	40 - 140
Dimethyl phthalate	<0.034		2.08	1.67		mg/Kg	☼	80	40 - 140

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 400-184857-B-3-B MS
Matrix: Solid
Analysis Batch: 481665

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 481286

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Di-n-butyl phthalate	0.039	J B	2.08	2.05		mg/Kg	☼	97	40 - 140
Di-n-octyl phthalate	<0.034		2.08	2.29		mg/Kg	☼	110	40 - 140
Fluoranthene	<0.034		2.08	1.90		mg/Kg	☼	91	40 - 140
Fluorene	<0.034		2.08	1.78		mg/Kg	☼	85	40 - 140
Hexachlorobenzene	<0.10		2.08	1.80		mg/Kg	☼	86	40 - 140
Hexachlorobutadiene	<0.034		2.08	1.52		mg/Kg	☼	73	40 - 140
Hexachlorocyclopentadiene	<0.068	F1 F2	2.08	0.825		mg/Kg	☼	40	40 - 140
Hexachloroethane	<0.10		2.08	1.54		mg/Kg	☼	74	40 - 140
Hexadecane	<0.034		2.08	1.62		mg/Kg	☼	78	40 - 140
Indeno[1,2,3-cd]pyrene	<0.034		2.08	1.63		mg/Kg	☼	78	40 - 140
Isophorone	<0.034		2.08	1.67		mg/Kg	☼	80	40 - 140
Naphthalene	<0.034		2.08	1.54		mg/Kg	☼	74	40 - 140
n-Decane	<0.034		2.08	1.45		mg/Kg	☼	70	40 - 140
Nitrobenzene	<0.034		2.08	1.61		mg/Kg	☼	77	40 - 140
N-Nitrosodimethylamine	<0.068		2.08	1.37		mg/Kg	☼	66	40 - 140
N-Nitrosodi-n-propylamine	<0.11		2.08	1.65		mg/Kg	☼	79	40 - 140
N-Nitrosodiphenylamine	<0.034		2.07	1.68		mg/Kg	☼	81	40 - 140
n-Octadecane	<0.034		2.08	1.78		mg/Kg	☼	85	40 - 140
Pentachlorophenol	<0.068		4.17	2.84		mg/Kg	☼	68	40 - 140
Phenanthrene	<0.034		2.08	1.78		mg/Kg	☼	85	40 - 140
Phenol	<0.034		2.08	1.54		mg/Kg	☼	74	40 - 140
Pyrene	<0.034		2.08	2.03		mg/Kg	☼	98	40 - 140
Pyridine	<0.16		4.17	2.01		mg/Kg	☼	48	40 - 140
Sulfolane	<0.034		2.07	1.64		mg/Kg	☼	79	40 - 140

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*85*		*10 - 150*
2-Fluorobiphenyl	*71*		*27 - 127*
2-Fluorophenol (Surr)	*72*		*25 - 128*
Nitrobenzene-d5 (Surr)	*87*		*15 - 136*
Phenol-d5 (Surr)	*78*		*29 - 130*
Terphenyl-d14 (Surr)	*89*		*24 - 146*

Lab Sample ID: 400-184857-B-3-C MSD
Matrix: Solid
Analysis Batch: 481665

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 481286

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1'-Biphenyl	<0.034		2.09	1.29		mg/Kg	☼	62	40 - 140	16	30
1,2,4,5-Tetrachlorobenzene	<0.034		2.09	1.22		mg/Kg	☼	59	40 - 140	18	30
1,2,4-Trichlorobenzene	<0.034		2.09	1.25		mg/Kg	☼	60	40 - 140	17	30
1,2-Dichlorobenzene	<0.034		2.09	1.23		mg/Kg	☼	59	40 - 140	16	30
1,3-Dichlorobenzene	<0.034		2.09	1.17		mg/Kg	☼	56	40 - 140	17	30
1,3-Dinitrobenzene	<0.034		2.09	1.29		mg/Kg	☼	62	40 - 140	17	30
1,4-Dichlorobenzene	<0.034		2.09	1.22		mg/Kg	☼	58	40 - 140	17	30
1,4-Dioxane	<0.034	F1	2.09	0.717	F1	mg/Kg	☼	34	40 - 140	13	30
1-Methylnaphthalene	<0.034		2.09	1.39		mg/Kg	☼	67	40 - 140	18	30
2,2'-oxybis(1-chloropropane)	<0.034		2.09	1.40		mg/Kg	☼	67	40 - 140	13	30

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 400-184857-B-3-C MSD
Matrix: Solid
Analysis Batch: 481665

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 481286

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
2,3,4,6-Tetrachlorophenol	<0.034		2.09	1.39		mg/Kg	☼	66	40 - 140	20	30
2,4,5-Trichlorophenol	<0.034		2.09	1.37		mg/Kg	☼	66	40 - 140	15	30
2,4,6-Trichlorophenol	<0.034		2.09	1.36		mg/Kg	☼	65	40 - 140	15	30
2,4-Dichlorophenol	<0.034		2.09	1.47		mg/Kg	☼	70	40 - 140	16	30
2,4-Dimethylphenol	<0.034		2.09	1.62		mg/Kg	☼	77	40 - 140	15	30
2,4-Dinitrophenol	<0.30	F1	4.18	1.28	F1	mg/Kg	☼	31	40 - 140	29	30
2,4-Dinitrotoluene	<0.034		2.09	1.43		mg/Kg	☼	68	40 - 140	17	30
2,6-Dinitrotoluene	<0.034		2.09	1.33		mg/Kg	☼	64	40 - 140	17	30
2-Chloronaphthalene	<0.034		2.09	1.28		mg/Kg	☼	61	40 - 140	16	30
2-Chlorophenol	<0.034		2.09	1.40		mg/Kg	☼	67	40 - 140	15	30
2-Methylnaphthalene	<0.034		2.09	1.39		mg/Kg	☼	67	40 - 140	17	30
2-Methylphenol	<0.034		2.09	1.46		mg/Kg	☼	70	40 - 140	14	30
2-Nitroaniline	<0.034		2.09	1.42		mg/Kg	☼	68	40 - 140	15	30
2-Nitrophenol	<0.034		2.09	1.27		mg/Kg	☼	61	40 - 140	18	30
3 & 4 Methylphenol	<0.034		2.09	1.48		mg/Kg	☼	71	40 - 140	14	30
3,3'-Dichlorobenzidine	<0.034		2.78	3.19		mg/Kg	☼	115	40 - 140	19	30
3-Nitroaniline	<0.034		2.09	1.27		mg/Kg	☼	61	40 - 140	17	30
4,6-Dinitro-2-methylphenol	<0.034	F2	4.18	2.00	F2	mg/Kg	☼	48	40 - 140	31	30
4-Bromophenyl phenyl ether	<0.034		2.09	1.37		mg/Kg	☼	65	40 - 140	21	30
4-Chloro-3-methylphenol	<0.034		2.09	1.47		mg/Kg	☼	70	40 - 140	15	30
4-Chloroaniline	<0.034		2.09	1.18		mg/Kg	☼	57	40 - 140	16	30
4-Chlorophenyl phenyl ether	<0.034		2.09	1.36		mg/Kg	☼	65	40 - 140	17	30
4-Nitroaniline	<0.034		2.09	1.37		mg/Kg	☼	65	40 - 140	16	30
4-Nitrophenol	<0.11		4.18	2.88		mg/Kg	☼	69	40 - 140	16	30
Acenaphthene	<0.034		2.09	1.26		mg/Kg	☼	60	40 - 140	17	30
Acenaphthylene	<0.034		2.09	1.42		mg/Kg	☼	68	40 - 140	16	30
Acetophenone	<0.034		2.09	1.29		mg/Kg	☼	62	40 - 140	16	30
Aniline	<0.045		2.09	0.938		mg/Kg	☼	45	40 - 140	16	30
Anthracene	<0.034		2.09	1.51		mg/Kg	☼	72	40 - 140	18	30
Atrazine	<0.034		2.09	1.45		mg/Kg	☼	70	40 - 140	21	30
Azobenzene	<0.034		2.09	1.53		mg/Kg	☼	73	40 - 140	17	30
Benzaldehyde	<0.034		2.09	1.29		mg/Kg	☼	62	40 - 140	17	30
Benzidine	<0.10	F1	9.46	3.10	F1	mg/Kg	☼	33	40 - 140	30	30
Benzo[a]anthracene	<0.034		2.09	1.50		mg/Kg	☼	72	40 - 140	19	30
Benzo[a]pyrene	0.044	J	2.09	1.39		mg/Kg	☼	65	40 - 140	19	30
Benzo[b]fluoranthene	<0.034		2.09	1.59		mg/Kg	☼	76	40 - 140	16	30
Benzo[g,h,i]perylene	<0.034		2.09	1.33		mg/Kg	☼	64	40 - 140	24	30
Benzo[k]fluoranthene	<0.034		2.09	1.48		mg/Kg	☼	71	40 - 140	22	30
Benzoic acid	<0.36	F1	8.10	1.70	F1	mg/Kg	☼	21	40 - 140	10	30
Benzyl alcohol	<0.034		2.09	1.45		mg/Kg	☼	70	40 - 140	13	30
Bis(2-chloroethoxy)methane	<0.034		2.09	1.31		mg/Kg	☼	63	40 - 140	16	30
Bis(2-chloroethyl)ether	<0.034		2.09	1.41		mg/Kg	☼	68	40 - 140	16	30
Bis(2-ethylhexyl) phthalate	0.093	J B	2.09	1.97		mg/Kg	☼	90	40 - 140	18	30
Butyl benzyl phthalate	<0.034		2.09	1.89		mg/Kg	☼	90	40 - 140	19	30
Caprolactam	<0.034		2.09	1.05		mg/Kg	☼	50	40 - 140	25	30
Carbazole	<0.034		2.09	1.59		mg/Kg	☼	76	40 - 140	21	30
Chrysene	<0.034		2.09	1.45		mg/Kg	☼	70	40 - 140	18	30
Dibenz(a,h)anthracene	<0.034		2.09	1.24		mg/Kg	☼	59	40 - 140	27	30
Dibenzofuran	<0.034		2.09	1.40		mg/Kg	☼	67	40 - 140	17	30

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 400-184857-B-3-C MSD
Matrix: Solid
Analysis Batch: 481665

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 481286

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diethyl phthalate	<0.034		2.09	1.57		mg/Kg	☼	75	40 - 140	18	30
Dimethyl phthalate	<0.034		2.09	1.39		mg/Kg	☼	67	40 - 140	18	30
Di-n-butyl phthalate	0.039	J B	2.09	1.69		mg/Kg	☼	79	40 - 140	19	30
Di-n-octyl phthalate	<0.034		2.09	1.95		mg/Kg	☼	93	40 - 140	16	30
Fluoranthene	<0.034		2.09	1.54		mg/Kg	☼	74	40 - 140	21	30
Fluorene	<0.034		2.09	1.49		mg/Kg	☼	72	40 - 140	17	30
Hexachlorobenzene	<0.10		2.09	1.43		mg/Kg	☼	68	40 - 140	23	30
Hexachlorobutadiene	<0.034		2.09	1.29		mg/Kg	☼	62	40 - 140	17	30
Hexachlorocyclopentadiene	<0.068	F1 F2	2.09	0.586	F1 F2	mg/Kg	☼	28	40 - 140	34	30
Hexachloroethane	<0.10		2.09	1.30		mg/Kg	☼	62	40 - 140	17	30
Hexadecane	<0.034		2.09	1.39		mg/Kg	☼	67	40 - 140	15	30
Indeno[1,2,3-cd]pyrene	<0.034		2.09	1.27		mg/Kg	☼	61	40 - 140	25	30
Isophorone	<0.034		2.09	1.42		mg/Kg	☼	68	40 - 140	16	30
Naphthalene	<0.034		2.09	1.28		mg/Kg	☼	62	40 - 140	18	30
n-Decane	<0.034		2.09	1.25		mg/Kg	☼	60	40 - 140	15	30
Nitrobenzene	<0.034		2.09	1.36		mg/Kg	☼	65	40 - 140	17	30
N-Nitrosodimethylamine	<0.068		2.09	1.17		mg/Kg	☼	56	40 - 140	15	30
N-Nitrosodi-n-propylamine	<0.11		2.09	1.43		mg/Kg	☼	69	40 - 140	14	30
N-Nitrosodiphenylamine	<0.034		2.07	1.38		mg/Kg	☼	67	40 - 140	20	30
n-Octadecane	<0.034		2.09	1.50		mg/Kg	☼	72	40 - 140	17	30
Pentachlorophenol	<0.068		4.18	2.18		mg/Kg	☼	52	40 - 140	26	30
Phenanthrene	<0.034		2.09	1.46		mg/Kg	☼	70	40 - 140	20	30
Phenol	<0.034		2.09	1.56		mg/Kg	☼	75	40 - 140	1	30
Pyrene	<0.034		2.09	1.64		mg/Kg	☼	78	40 - 140	22	30
Pyridine	<0.16		4.18	1.73		mg/Kg	☼	41	40 - 140	15	30
Sulfolane	<0.034		2.08	1.37		mg/Kg	☼	66	40 - 140	18	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*72*		*10 - 150*
2-Fluorobiphenyl	*61*		*27 - 127*
2-Fluorophenol (Surr)	*62*		*25 - 128*
Nitrobenzene-d5 (Surr)	*74*		*15 - 136*
Phenol-d5 (Surr)	*67*		*29 - 130*
Terphenyl-d14 (Surr)	*73*		*24 - 146*

Method: 8015C - Gasoline Range Organics (GRO) (GC)

Lab Sample ID: MB 400-480997/2-A
Matrix: Solid
Analysis Batch: 480996

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 480997

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO) -C6-C10	<0.050		0.10	0.050	mg/Kg		03/08/20 10:00	03/08/20 12:02	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene (fid)	*105*		*65 - 125*	*03/08/20 10:00*	*03/08/20 12:02*	*1*

Method: 8015C - Gasoline Range Organics (GRO) (GC) (Continued)

Lab Sample ID: LCS 400-480997/1-A
Matrix: Solid
Analysis Batch: 480996

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 480997

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Gasoline Range Organics (GRO) -C6-C10			1.00	0.993		mg/Kg		99	62 - 141		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
a,a,a-Trifluorotoluene (fid)	*107*		*65 - 125*

Lab Sample ID: 400-184834-1 MS
Matrix: Solid
Analysis Batch: 480996

Client Sample ID: B-1
Prep Type: Total/NA
Prep Batch: 480997

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Gasoline Range Organics (GRO) -C6-C10	<3.5		71.0	78.2		mg/Kg	☼	110	10 - 150		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
a,a,a-Trifluorotoluene (fid)	*103*		*65 - 125*

Lab Sample ID: 400-184834-1 MSD
Matrix: Solid
Analysis Batch: 480996

Client Sample ID: B-1
Prep Type: Total/NA
Prep Batch: 480997

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO) -C6-C10	<3.5		71.0	77.7		mg/Kg	☼	109	10 - 150	1	32

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
a,a,a-Trifluorotoluene (fid)	*104*		*65 - 125*

Method: 8015C - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 400-480603/1-A
Matrix: Solid
Analysis Batch: 480905

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 480603

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	9.14		5.0	2.0	mg/Kg		03/05/20 07:52	03/06/20 22:50	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*86*		*27 - 151*	*03/05/20 07:52*	*03/06/20 22:50*	*1*

Lab Sample ID: LCS 400-480603/2-A
Matrix: Solid
Analysis Batch: 480905

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 480603

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Diesel Range Organics [C10-C28]			284	187		mg/Kg		66	38 - 138		

Method: 8015C - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 400-480603/2-A
Matrix: Solid
Analysis Batch: 480905

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 480603

Surrogate	LCS %Recovery	LCS Qualifier	Limits
o-Terphenyl (Surr)	83		27 - 151

Lab Sample ID: 400-184839-A-1-A MS
Matrix: Solid
Analysis Batch: 480905

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 480603

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Diesel Range Organics [C10-C28]	19000	E B	300	17400	E 4	mg/Kg	☼	-407	62 - 204		

Surrogate	MS %Recovery	MS Qualifier	Limits
o-Terphenyl (Surr)	113		27 - 151

Lab Sample ID: 400-184839-A-1-B MSD
Matrix: Solid
Analysis Batch: 480905

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 480603

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	19000	E B	297	14900	E 4	mg/Kg	☼	-1231	62 - 204	15	30

Surrogate	MSD %Recovery	MSD Qualifier	Limits
o-Terphenyl (Surr)	91		27 - 151

Lab Sample ID: MB 400-481261/1-A
Matrix: Solid
Analysis Batch: 481656

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 481261

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	<2.0		5.0	2.0	mg/Kg		03/10/20 10:24	03/12/20 21:27	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl (Surr)	81		27 - 151	03/10/20 10:24	03/12/20 21:27	1

Lab Sample ID: LCS 400-481261/2-A
Matrix: Solid
Analysis Batch: 481656

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 481261

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Diesel Range Organics [C10-C28]			344	244		mg/Kg		71	38 - 138		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
o-Terphenyl (Surr)	92		27 - 151

QC Sample Results

Client: SCS Engineers
Project/Site: Tidewater Gardens

Job ID: 400-184834-1

Method: Moisture - Percent Moisture

Lab Sample ID: 400-184827-E-10 DU
Matrix: Solid
Analysis Batch: 480812

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Moisture	16.2			14.1	F3	%				14	10

QC Association Summary

Client: SCS Engineers
Project/Site: Tidewater Gardens

Job ID: 400-184834-1

GC/MS VOA

Analysis Batch: 481763

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-184834-1	B-1	Total/NA	Solid	8260B	481807
400-184834-2	B-2	Total/NA	Solid	8260B	481807
400-184834-3	B-3	Total/NA	Solid	8260B	481807
400-184834-4	B-4	Total/NA	Solid	8260B	481807
400-184834-5	B-5	Total/NA	Solid	8260B	481807
400-184834-6	B-6	Total/NA	Solid	8260B	481807
400-184834-7	B-7	Total/NA	Solid	8260B	481807
400-184834-8	B-8	Total/NA	Solid	8260B	481807
400-184834-9	B-9	Total/NA	Solid	8260B	481807
400-184834-10	B-10	Total/NA	Solid	8260B	481807
400-184834-11	B-11	Total/NA	Solid	8260B	481807
MB 400-481807/2-A	Method Blank	Total/NA	Solid	8260B	481807
LCS 400-481807/1-A	Lab Control Sample	Total/NA	Solid	8260B	481807
400-184834-1 MS	B-1	Total/NA	Solid	8260B	481807
400-184834-1 MSD	B-1	Total/NA	Solid	8260B	481807

Prep Batch: 481807

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-184834-1	B-1	Total/NA	Solid	5035	
400-184834-2	B-2	Total/NA	Solid	5035	
400-184834-3	B-3	Total/NA	Solid	5035	
400-184834-4	B-4	Total/NA	Solid	5035	
400-184834-5	B-5	Total/NA	Solid	5035	
400-184834-6	B-6	Total/NA	Solid	5035	
400-184834-7	B-7	Total/NA	Solid	5035	
400-184834-8	B-8	Total/NA	Solid	5035	
400-184834-9	B-9	Total/NA	Solid	5035	
400-184834-10	B-10	Total/NA	Solid	5035	
400-184834-11	B-11	Total/NA	Solid	5035	
MB 400-481807/2-A	Method Blank	Total/NA	Solid	5035	
LCS 400-481807/1-A	Lab Control Sample	Total/NA	Solid	5035	
400-184834-1 MS	B-1	Total/NA	Solid	5035	
400-184834-1 MSD	B-1	Total/NA	Solid	5035	

GC/MS Semi VOA

Prep Batch: 481286

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-184834-1	B-1	Total/NA	Solid	3546	
400-184834-2	B-2	Total/NA	Solid	3546	
400-184834-3	B-3	Total/NA	Solid	3546	
400-184834-4	B-4	Total/NA	Solid	3546	
400-184834-5	B-5	Total/NA	Solid	3546	
400-184834-6	B-6	Total/NA	Solid	3546	
400-184834-7	B-7	Total/NA	Solid	3546	
400-184834-8	B-8	Total/NA	Solid	3546	
400-184834-9	B-9	Total/NA	Solid	3546	
400-184834-10	B-10	Total/NA	Solid	3546	
400-184834-11	B-11	Total/NA	Solid	3546	
MB 400-481286/1-A	Method Blank	Total/NA	Solid	3546	
LCS 400-481286/2-A	Lab Control Sample	Total/NA	Solid	3546	

GC/MS Semi VOA (Continued)

Prep Batch: 481286 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-184857-B-3-B MS	Matrix Spike	Total/NA	Solid	3546	
400-184857-B-3-C MSD	Matrix Spike Duplicate	Total/NA	Solid	3546	

Analysis Batch: 481665

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-184834-1	B-1	Total/NA	Solid	8270D	481286
400-184834-2	B-2	Total/NA	Solid	8270D	481286
400-184834-3	B-3	Total/NA	Solid	8270D	481286
400-184834-4	B-4	Total/NA	Solid	8270D	481286
400-184834-5	B-5	Total/NA	Solid	8270D	481286
400-184834-6	B-6	Total/NA	Solid	8270D	481286
400-184834-7	B-7	Total/NA	Solid	8270D	481286
400-184834-8	B-8	Total/NA	Solid	8270D	481286
400-184834-9	B-9	Total/NA	Solid	8270D	481286
400-184834-10	B-10	Total/NA	Solid	8270D	481286
400-184834-11	B-11	Total/NA	Solid	8270D	481286
MB 400-481286/1-A	Method Blank	Total/NA	Solid	8270D	481286
LCS 400-481286/2-A	Lab Control Sample	Total/NA	Solid	8270D	481286
400-184857-B-3-B MS	Matrix Spike	Total/NA	Solid	8270D	481286
400-184857-B-3-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8270D	481286

Analysis Batch: 481773

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-184834-1	B-1	Total/NA	Solid	8270D	481286
400-184834-2	B-2	Total/NA	Solid	8270D	481286
400-184834-3	B-3	Total/NA	Solid	8270D	481286
400-184834-4	B-4	Total/NA	Solid	8270D	481286
400-184834-5	B-5	Total/NA	Solid	8270D	481286
400-184834-6	B-6	Total/NA	Solid	8270D	481286
400-184834-7	B-7	Total/NA	Solid	8270D	481286
400-184834-8	B-8	Total/NA	Solid	8270D	481286
400-184834-9	B-9	Total/NA	Solid	8270D	481286
400-184834-10	B-10	Total/NA	Solid	8270D	481286
400-184834-11	B-11	Total/NA	Solid	8270D	481286
MB 400-481286/1-A	Method Blank	Total/NA	Solid	8270D	481286

GC VOA

Analysis Batch: 480996

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-184834-1	B-1	Total/NA	Solid	8015C	480997
400-184834-2	B-2	Total/NA	Solid	8015C	480997
400-184834-3	B-3	Total/NA	Solid	8015C	480997
400-184834-4	B-4	Total/NA	Solid	8015C	480997
400-184834-5	B-5	Total/NA	Solid	8015C	480997
400-184834-6	B-6	Total/NA	Solid	8015C	480997
400-184834-7	B-7	Total/NA	Solid	8015C	480997
400-184834-8	B-8	Total/NA	Solid	8015C	480997
400-184834-9	B-9	Total/NA	Solid	8015C	480997
400-184834-10	B-10	Total/NA	Solid	8015C	480997
400-184834-11	B-11	Total/NA	Solid	8015C	480997

GC VOA (Continued)

Analysis Batch: 480996 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 400-480997/2-A	Method Blank	Total/NA	Solid	8015C	480997
LCS 400-480997/1-A	Lab Control Sample	Total/NA	Solid	8015C	480997
400-184834-1 MS	B-1	Total/NA	Solid	8015C	480997
400-184834-1 MSD	B-1	Total/NA	Solid	8015C	480997

Prep Batch: 480997

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-184834-1	B-1	Total/NA	Solid	5035	
400-184834-2	B-2	Total/NA	Solid	5035	
400-184834-3	B-3	Total/NA	Solid	5035	
400-184834-4	B-4	Total/NA	Solid	5035	
400-184834-5	B-5	Total/NA	Solid	5035	
400-184834-6	B-6	Total/NA	Solid	5035	
400-184834-7	B-7	Total/NA	Solid	5035	
400-184834-8	B-8	Total/NA	Solid	5035	
400-184834-9	B-9	Total/NA	Solid	5035	
400-184834-10	B-10	Total/NA	Solid	5035	
400-184834-11	B-11	Total/NA	Solid	5035	
MB 400-480997/2-A	Method Blank	Total/NA	Solid	5035	
LCS 400-480997/1-A	Lab Control Sample	Total/NA	Solid	5035	
400-184834-1 MS	B-1	Total/NA	Solid	5035	
400-184834-1 MSD	B-1	Total/NA	Solid	5035	

GC Semi VOA

Prep Batch: 480603

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-184834-1	B-1	Total/NA	Solid	3546	
400-184834-3	B-3	Total/NA	Solid	3546	
MB 400-480603/1-A	Method Blank	Total/NA	Solid	3546	
LCS 400-480603/2-A	Lab Control Sample	Total/NA	Solid	3546	
400-184839-A-1-A MS	Matrix Spike	Total/NA	Solid	3546	
400-184839-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	3546	

Analysis Batch: 480905

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-184834-3	B-3	Total/NA	Solid	8015C	480603
MB 400-480603/1-A	Method Blank	Total/NA	Solid	8015C	480603
LCS 400-480603/2-A	Lab Control Sample	Total/NA	Solid	8015C	480603
400-184839-A-1-A MS	Matrix Spike	Total/NA	Solid	8015C	480603
400-184839-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8015C	480603

Analysis Batch: 481179

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-184834-1	B-1	Total/NA	Solid	8015C	480603

Prep Batch: 481261

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-184834-2	B-2	Total/NA	Solid	3546	
400-184834-4	B-4	Total/NA	Solid	3546	
400-184834-5	B-5	Total/NA	Solid	3546	

GC Semi VOA (Continued)

Prep Batch: 481261 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-184834-6	B-6	Total/NA	Solid	3546	
400-184834-7	B-7	Total/NA	Solid	3546	
400-184834-8	B-8	Total/NA	Solid	3546	
400-184834-9	B-9	Total/NA	Solid	3546	
400-184834-10	B-10	Total/NA	Solid	3546	
400-184834-11	B-11	Total/NA	Solid	3546	
MB 400-481261/1-A	Method Blank	Total/NA	Solid	3546	
LCS 400-481261/2-A	Lab Control Sample	Total/NA	Solid	3546	

Analysis Batch: 481656

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-184834-2	B-2	Total/NA	Solid	8015C	481261
400-184834-4	B-4	Total/NA	Solid	8015C	481261
400-184834-5	B-5	Total/NA	Solid	8015C	481261
400-184834-6	B-6	Total/NA	Solid	8015C	481261
400-184834-7	B-7	Total/NA	Solid	8015C	481261
400-184834-8	B-8	Total/NA	Solid	8015C	481261
400-184834-9	B-9	Total/NA	Solid	8015C	481261
400-184834-10	B-10	Total/NA	Solid	8015C	481261
400-184834-11	B-11	Total/NA	Solid	8015C	481261
MB 400-481261/1-A	Method Blank	Total/NA	Solid	8015C	481261
LCS 400-481261/2-A	Lab Control Sample	Total/NA	Solid	8015C	481261

General Chemistry

Analysis Batch: 480812

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-184834-1	B-1	Total/NA	Solid	Moisture	
400-184834-2	B-2	Total/NA	Solid	Moisture	
400-184834-3	B-3	Total/NA	Solid	Moisture	
400-184834-4	B-4	Total/NA	Solid	Moisture	
400-184834-5	B-5	Total/NA	Solid	Moisture	
400-184834-6	B-6	Total/NA	Solid	Moisture	
400-184834-7	B-7	Total/NA	Solid	Moisture	
400-184834-8	B-8	Total/NA	Solid	Moisture	
400-184834-9	B-9	Total/NA	Solid	Moisture	
400-184834-10	B-10	Total/NA	Solid	Moisture	
400-184834-11	B-11	Total/NA	Solid	Moisture	
400-184827-E-10 DU	Duplicate	Total/NA	Solid	Moisture	

Lab Chronicle

Client: SCS Engineers
Project/Site: Tidewater Gardens

Job ID: 400-184834-1

Client Sample ID: B-1
Date Collected: 03/02/20 13:21
Date Received: 03/04/20 09:30

Lab Sample ID: 400-184834-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	480812	03/06/20 10:45	KRA	TAL PEN

Client Sample ID: B-1
Date Collected: 03/02/20 13:21
Date Received: 03/04/20 09:30

Lab Sample ID: 400-184834-1
Matrix: Solid
Percent Solids: 80.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			481807	03/13/20 07:54	AMB	TAL PEN
Total/NA	Analysis	8260B		1	481763	03/13/20 11:29	AMB	TAL PEN
Total/NA	Prep	3546			481286	03/10/20 11:52	SHB	TAL PEN
Total/NA	Analysis	8270D		10	481773	03/13/20 10:16	VC1	TAL PEN
Total/NA	Prep	3546			481286	03/10/20 11:52	SHB	TAL PEN
Total/NA	Analysis	8270D		10	481665	03/12/20 20:25	VC1	TAL PEN
Total/NA	Prep	5035			480997	03/05/20 13:10	CMW	TAL PEN
Total/NA	Analysis	8015C		50	480996	03/08/20 17:00	GRK	TAL PEN
Total/NA	Prep	3546			480603	03/05/20 07:52	SHB	TAL PEN
Total/NA	Analysis	8015C		5	481179	03/10/20 03:24	JAW	TAL PEN

Client Sample ID: B-2
Date Collected: 03/02/20 14:29
Date Received: 03/04/20 09:30

Lab Sample ID: 400-184834-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	480812	03/06/20 10:45	KRA	TAL PEN

Client Sample ID: B-2
Date Collected: 03/02/20 14:29
Date Received: 03/04/20 09:30

Lab Sample ID: 400-184834-2
Matrix: Solid
Percent Solids: 83.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			481807	03/13/20 07:54	AMB	TAL PEN
Total/NA	Analysis	8260B		1	481763	03/13/20 11:58	AMB	TAL PEN
Total/NA	Prep	3546			481286	03/10/20 11:52	SHB	TAL PEN
Total/NA	Analysis	8270D		1	481773	03/13/20 10:38	VC1	TAL PEN
Total/NA	Prep	3546			481286	03/10/20 11:52	SHB	TAL PEN
Total/NA	Analysis	8270D		1	481665	03/12/20 16:58	VC1	TAL PEN
Total/NA	Prep	5035			480997	03/05/20 13:10	CMW	TAL PEN
Total/NA	Analysis	8015C		50	480996	03/08/20 18:30	GRK	TAL PEN
Total/NA	Prep	3546			481261	03/10/20 10:24	SHB	TAL PEN
Total/NA	Analysis	8015C		1	481656	03/12/20 22:56	JAW	TAL PEN

Lab Chronicle

Client: SCS Engineers
Project/Site: Tidewater Gardens

Job ID: 400-184834-1

Client Sample ID: B-3
Date Collected: 03/03/20 08:39
Date Received: 03/04/20 09:30

Lab Sample ID: 400-184834-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	480812	03/06/20 10:45	KRA	TAL PEN

Client Sample ID: B-3
Date Collected: 03/03/20 08:39
Date Received: 03/04/20 09:30

Lab Sample ID: 400-184834-3
Matrix: Solid
Percent Solids: 90.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			481807	03/13/20 07:54	AMB	TAL PEN
Total/NA	Analysis	8260B		1	481763	03/13/20 12:28	AMB	TAL PEN
Total/NA	Prep	3546			481286	03/10/20 11:52	SHB	TAL PEN
Total/NA	Analysis	8270D		5	481773	03/13/20 10:59	VC1	TAL PEN
Total/NA	Prep	3546			481286	03/10/20 11:52	SHB	TAL PEN
Total/NA	Analysis	8270D		5	481665	03/12/20 19:23	VC1	TAL PEN
Total/NA	Prep	5035			480997	03/05/20 13:10	CMW	TAL PEN
Total/NA	Analysis	8015C		50	480996	03/08/20 18:50	GRK	TAL PEN
Total/NA	Prep	3546			480603	03/05/20 07:52	SHB	TAL PEN
Total/NA	Analysis	8015C		20	480905	03/07/20 01:28	JAW	TAL PEN

Client Sample ID: B-4
Date Collected: 03/02/20 08:50
Date Received: 03/04/20 09:30

Lab Sample ID: 400-184834-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	480812	03/06/20 10:45	KRA	TAL PEN

Client Sample ID: B-4
Date Collected: 03/02/20 08:50
Date Received: 03/04/20 09:30

Lab Sample ID: 400-184834-4
Matrix: Solid
Percent Solids: 89.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			481807	03/13/20 07:54	AMB	TAL PEN
Total/NA	Analysis	8260B		1	481763	03/13/20 14:27	AMB	TAL PEN
Total/NA	Prep	3546			481286	03/10/20 11:52	SHB	TAL PEN
Total/NA	Analysis	8270D		1	481773	03/13/20 11:20	VC1	TAL PEN
Total/NA	Prep	3546			481286	03/10/20 11:52	SHB	TAL PEN
Total/NA	Analysis	8270D		1	481665	03/12/20 17:19	VC1	TAL PEN
Total/NA	Prep	5035			480997	03/05/20 13:10	CMW	TAL PEN
Total/NA	Analysis	8015C		50	480996	03/08/20 19:16	GRK	TAL PEN
Total/NA	Prep	3546			481261	03/10/20 10:24	SHB	TAL PEN
Total/NA	Analysis	8015C		1	481656	03/12/20 23:06	JAW	TAL PEN

Lab Chronicle

Client: SCS Engineers
Project/Site: Tidewater Gardens

Job ID: 400-184834-1

Client Sample ID: B-5
Date Collected: 03/02/20 10:12
Date Received: 03/04/20 09:30

Lab Sample ID: 400-184834-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	480812	03/06/20 10:45	KRA	TAL PEN

Client Sample ID: B-5
Date Collected: 03/02/20 10:12
Date Received: 03/04/20 09:30

Lab Sample ID: 400-184834-5
Matrix: Solid
Percent Solids: 88.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			481807	03/13/20 07:54	AMB	TAL PEN
Total/NA	Analysis	8260B		1	481763	03/13/20 14:57	AMB	TAL PEN
Total/NA	Prep	3546			481286	03/10/20 11:52	SHB	TAL PEN
Total/NA	Analysis	8270D		10	481773	03/13/20 11:41	VC1	TAL PEN
Total/NA	Prep	3546			481286	03/10/20 11:52	SHB	TAL PEN
Total/NA	Analysis	8270D		10	481665	03/12/20 19:44	VC1	TAL PEN
Total/NA	Prep	5035			480997	03/05/20 13:10	CMW	TAL PEN
Total/NA	Analysis	8015C		50	480996	03/08/20 19:43	GRK	TAL PEN
Total/NA	Prep	3546			481261	03/10/20 10:24	SHB	TAL PEN
Total/NA	Analysis	8015C		1	481656	03/12/20 23:26	JAW	TAL PEN

Client Sample ID: B-6
Date Collected: 03/02/20 11:10
Date Received: 03/04/20 09:30

Lab Sample ID: 400-184834-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	480812	03/06/20 10:45	KRA	TAL PEN

Client Sample ID: B-6
Date Collected: 03/02/20 11:10
Date Received: 03/04/20 09:30

Lab Sample ID: 400-184834-6
Matrix: Solid
Percent Solids: 90.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			481807	03/13/20 07:54	AMB	TAL PEN
Total/NA	Analysis	8260B		1	481763	03/13/20 15:26	AMB	TAL PEN
Total/NA	Prep	3546			481286	03/10/20 11:52	SHB	TAL PEN
Total/NA	Analysis	8270D		1	481773	03/13/20 12:03	VC1	TAL PEN
Total/NA	Prep	3546			481286	03/10/20 11:52	SHB	TAL PEN
Total/NA	Analysis	8270D		1	481665	03/12/20 17:40	VC1	TAL PEN
Total/NA	Prep	5035			480997	03/05/20 13:10	CMW	TAL PEN
Total/NA	Analysis	8015C		50	480996	03/08/20 20:09	GRK	TAL PEN
Total/NA	Prep	3546			481261	03/10/20 10:24	SHB	TAL PEN
Total/NA	Analysis	8015C		1	481656	03/12/20 23:36	JAW	TAL PEN

Lab Chronicle

Client: SCS Engineers
Project/Site: Tidewater Gardens

Job ID: 400-184834-1

Client Sample ID: B-7
Date Collected: 03/02/20 12:18
Date Received: 03/04/20 09:30

Lab Sample ID: 400-184834-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	480812	03/06/20 10:45	KRA	TAL PEN

Client Sample ID: B-7
Date Collected: 03/02/20 12:18
Date Received: 03/04/20 09:30

Lab Sample ID: 400-184834-7
Matrix: Solid
Percent Solids: 85.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			481807	03/13/20 07:54	AMB	TAL PEN
Total/NA	Analysis	8260B		1	481763	03/13/20 15:56	AMB	TAL PEN
Total/NA	Prep	3546			481286	03/10/20 11:52	SHB	TAL PEN
Total/NA	Analysis	8270D		1	481773	03/13/20 12:24	VC1	TAL PEN
Total/NA	Prep	3546			481286	03/10/20 11:52	SHB	TAL PEN
Total/NA	Analysis	8270D		1	481665	03/12/20 18:01	VC1	TAL PEN
Total/NA	Prep	5035			480997	03/05/20 13:10	CMW	TAL PEN
Total/NA	Analysis	8015C		50	480996	03/08/20 21:28	GRK	TAL PEN
Total/NA	Prep	3546			481261	03/10/20 10:24	SHB	TAL PEN
Total/NA	Analysis	8015C		1	481656	03/12/20 23:46	JAW	TAL PEN

Client Sample ID: B-8
Date Collected: 03/03/20 10:01
Date Received: 03/04/20 09:30

Lab Sample ID: 400-184834-8
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	480812	03/06/20 11:23	KRA	TAL PEN

Client Sample ID: B-8
Date Collected: 03/03/20 10:01
Date Received: 03/04/20 09:30

Lab Sample ID: 400-184834-8
Matrix: Solid
Percent Solids: 69.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			481807	03/13/20 07:54	AMB	TAL PEN
Total/NA	Analysis	8260B		1	481763	03/13/20 16:26	AMB	TAL PEN
Total/NA	Prep	3546			481286	03/10/20 11:52	SHB	TAL PEN
Total/NA	Analysis	8270D		5	481773	03/13/20 12:45	VC1	TAL PEN
Total/NA	Prep	3546			481286	03/10/20 11:52	SHB	TAL PEN
Total/NA	Analysis	8270D		5	481665	03/12/20 19:03	VC1	TAL PEN
Total/NA	Prep	5035			480997	03/05/20 13:10	CMW	TAL PEN
Total/NA	Analysis	8015C		50	480996	03/08/20 21:55	GRK	TAL PEN
Total/NA	Prep	3546			481261	03/10/20 10:24	SHB	TAL PEN
Total/NA	Analysis	8015C		1	481656	03/12/20 23:56	JAW	TAL PEN

Lab Chronicle

Client: SCS Engineers
Project/Site: Tidewater Gardens

Job ID: 400-184834-1

Client Sample ID: B-9
Date Collected: 03/03/20 11:03
Date Received: 03/04/20 09:30

Lab Sample ID: 400-184834-9
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	480812	03/06/20 11:23	KRA	TAL PEN

Client Sample ID: B-9
Date Collected: 03/03/20 11:03
Date Received: 03/04/20 09:30

Lab Sample ID: 400-184834-9
Matrix: Solid
Percent Solids: 85.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			481807	03/13/20 07:54	AMB	TAL PEN
Total/NA	Analysis	8260B		1	481763	03/13/20 16:56	AMB	TAL PEN
Total/NA	Prep	3546			481286	03/10/20 11:52	SHB	TAL PEN
Total/NA	Analysis	8270D		1	481773	03/13/20 13:07	VC1	TAL PEN
Total/NA	Prep	3546			481286	03/10/20 11:52	SHB	TAL PEN
Total/NA	Analysis	8270D		1	481665	03/12/20 18:21	VC1	TAL PEN
Total/NA	Prep	5035			480997	03/05/20 13:10	CMW	TAL PEN
Total/NA	Analysis	8015C		50	480996	03/08/20 22:21	GRK	TAL PEN
Total/NA	Prep	3546			481261	03/10/20 10:24	SHB	TAL PEN
Total/NA	Analysis	8015C		1	481656	03/13/20 00:06	JAW	TAL PEN

Client Sample ID: B-10
Date Collected: 03/03/20 12:11
Date Received: 03/04/20 09:30

Lab Sample ID: 400-184834-10
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	480812	03/06/20 11:23	KRA	TAL PEN

Client Sample ID: B-10
Date Collected: 03/03/20 12:11
Date Received: 03/04/20 09:30

Lab Sample ID: 400-184834-10
Matrix: Solid
Percent Solids: 85.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			481807	03/13/20 07:54	AMB	TAL PEN
Total/NA	Analysis	8260B		1	481763	03/13/20 18:25	AMB	TAL PEN
Total/NA	Prep	3546			481286	03/10/20 11:52	SHB	TAL PEN
Total/NA	Analysis	8270D		1	481773	03/13/20 13:28	VC1	TAL PEN
Total/NA	Prep	3546			481286	03/10/20 11:52	SHB	TAL PEN
Total/NA	Analysis	8270D		1	481665	03/12/20 18:42	VC1	TAL PEN
Total/NA	Prep	5035			480997	03/05/20 13:10	CMW	TAL PEN
Total/NA	Analysis	8015C		50	480996	03/08/20 22:47	GRK	TAL PEN
Total/NA	Prep	3546			481261	03/10/20 10:24	SHB	TAL PEN
Total/NA	Analysis	8015C		1	481656	03/13/20 00:16	JAW	TAL PEN

Lab Chronicle

Client: SCS Engineers
Project/Site: Tidewater Gardens

Job ID: 400-184834-1

Client Sample ID: B-11
Date Collected: 03/02/20 16:00
Date Received: 03/04/20 09:30

Lab Sample ID: 400-184834-11
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	480812	03/06/20 11:23	KRA	TAL PEN

Client Sample ID: B-11
Date Collected: 03/02/20 16:00
Date Received: 03/04/20 09:30

Lab Sample ID: 400-184834-11
Matrix: Solid
Percent Solids: 79.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			481807	03/13/20 07:54	AMB	TAL PEN
Total/NA	Analysis	8260B		1	481763	03/13/20 18:54	AMB	TAL PEN
Total/NA	Prep	3546			481286	03/10/20 11:52	SHB	TAL PEN
Total/NA	Analysis	8270D		10	481773	03/13/20 13:49	VC1	TAL PEN
Total/NA	Prep	3546			481286	03/10/20 11:52	SHB	TAL PEN
Total/NA	Analysis	8270D		10	481665	03/12/20 20:05	VC1	TAL PEN
Total/NA	Prep	5035			480997	03/05/20 13:10	CMW	TAL PEN
Total/NA	Analysis	8015C		50	480996	03/08/20 23:16	GRK	TAL PEN
Total/NA	Prep	3546			481261	03/10/20 10:24	SHB	TAL PEN
Total/NA	Analysis	8015C		2	481656	03/13/20 00:26	JAW	TAL PEN

Laboratory References:

TAL PEN = Eurofins TestAmerica, Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

Accreditation/Certification Summary

Client: SCS Engineers
Project/Site: Tidewater Gardens

Job ID: 400-184834-1

Laboratory: Eurofins TestAmerica, Pensacola

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Virginia	NELAP	460166	06-14-20

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8260B	5035	Solid	Dibromofluoromethane
8260B	5035	Solid	m-Xylene & p-Xylene
8270D	3546	Solid	Acetophenone
8270D	3546	Solid	Azobenzene
8270D	3546	Solid	Hexadecane
8270D	3546	Solid	n-Decane
8270D	3546	Solid	n-Octadecane
Moisture		Solid	Percent Moisture

Method Summary

Client: SCS Engineers
Project/Site: Tidewater Gardens

Job ID: 400-184834-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL PEN
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	TAL PEN
8015C	Gasoline Range Organics (GRO) (GC)	SW846	TAL PEN
8015C	Diesel Range Organics (DRO) (GC)	EPA	TAL PEN
Moisture	Percent Moisture	EPA	TAL PEN
3546	Microwave Extraction	SW846	TAL PEN
5035	Closed System Purge and Trap	SW846	TAL PEN

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL PEN = Eurofins TestAmerica, Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

Eurofins TestAmerica, Pensacola
3355 McLemore Drive
Pensacola, FL 32514
Phone: 850-474-1001 Fax: 850-478-2671

Chain of Custody Record

eurofins | Environment Testing TestAm

400-184834 COC

Client Information	Sampler: Will Richardson / ALEXIS HOLCOMB	Lab PM: Swafford, Mark H	Carrier Tracking No(s):	COC No: 400-92545-33730.1
Client Contact: Alexis Holcomb	Phone: 757 201 9264	E-Mail: mark.swafford@testamericainc.com		Page: Page 1 of 2
Company: SCS Engineers				Job #:
Address: 2877 Guardian Lane Suite 1-F	Due Date Requested:			
City: Virginia Beach	TAT Requested (days): 10			
State, Zip: VA, 23452				
Phone: 757-201-9264(Tel)	PO #: PO 02-RE03788-6			
Email: AHolcomb@scsengineers.com	WO #:			
Project Name: Tidewater Gardens-Soil	Project #: 40005152			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8016C_DRO; 8270D	8260B - VOC & GRO	8015C_GRO - GRO (C6-C10)	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N		
B-1	03/02/20	1321	G	Solid			X	X	X		
B-2	03/02/20	1429	G	Solid			X	X	X		
B-3	03/03/20	839	G	Solid			X	X	X		
B-4	03/02/20	850	G	Solid			X	X	X		
B-5	03/02/20	1012	G	Solid			X	X	X		
B-6	03/02/20	1110	G	Solid			X	X	X		
B-7	03/02/20	1218	G	Solid			X	X	X		
B-8	03/03/20	1001	G	Solid			X	X	X		
B-9	03/03/20	1103	G	Solid			X	X	X		
B-10	03/03/20	1211	G	Solid			X	X	X		
B-11	03/02/20	1600	G	Solid			X	X	X		

Virginia Beach #202

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1		3/3/20 13:11	SCS		3/3/20 1311	ETA
2		3/3/20 1600	ETA			
3					3.4.20 9:30	

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks: 0.5 c IR5

Ver: 01/16/2019

Page 85 of 86

Login Sample Receipt Checklist

Client: SCS Engineers

Job Number: 400-184834-1

Login Number: 184834
List Number: 1
Creator: Conrady, Hank W

List Source: Eurofins TestAmerica, Pensacola

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	0.5°C IR-9
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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ANALYTICAL REPORT

Eurofins TestAmerica, Pensacola
3355 McLemore Drive
Pensacola, FL 32514
Tel: (850)474-1001

Laboratory Job ID: 400-184972-1
Client Project/Site: Tidewater Gardens
Revision: 1

For:
SCS Engineers
2877 Guardian Lane
Suite 1-F
Virginia Beach, Virginia 23452

Attn: Keith Matteson

Mark Swafford

Authorized for release by:
4/9/2020 11:53:08 AM

Mark Swafford, Project Manager II
(850)471-6207
mark.swafford@testamericainc.com

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Definitions/Glossary

Client: SCS Engineers
Project/Site: Tidewater Gardens

Job ID: 400-184972-1

Qualifiers

GC/MS Semi VOA

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.
*1	LCS/LCSD RPD exceeds control limits.
*3	ISTD response or retention time outside acceptable limits.
B	Compound was found in the blank and sample.
E	Result exceeded calibration range.
H	Sample was prepped or analyzed beyond the specified holding time
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
X	Surrogate recovery exceeds control limits

GC VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 400-184972-1

Laboratory: Eurofins TestAmerica, Pensacola

Narrative

Job Narrative
400-184972-1

Comments
The report was revised to change the formatter to show data reported to the MDL.

No additional comments.

Receipt
The samples were received on 3/6/2020 8:50 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 3 coolers at receipt time were 0.1º C, 1.3º C and 2.5º C.

GC/MS VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

GC/MS Semi VOA
Method 8270D: The laboratory control sample (LCS) and laboratory control duplicate (LCSD) for preparation batch 400-481368 and analytical batch 400-481827 recovered outside control limits for the following analytes: Sulfolane, Benzoic acid ,Caprolactam and Atrazine. These analytes were biased high in the LCS and LCSD that were not detected in the associated samples; therefore, the data have been reported.

Method 8270D: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 400-481368 and analytical batch 400-481827 recovered outside control limits for the following analytes: 2,4,6-Trichlorophenol, 2,3,4,6-Tetrachlorophenol and Benzidine.

Method 8270D: The continuing calibration verification (CCV) associated with batch 400-481773 recovered above the upper control limit for 4-Nitrophenol, 2,3,4,6-Tetrachlorophenol, Hexachlorobenzene and Hexachlorobutadiene. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method 8270D: The continuing calibration verification (CCV) associated with batch 400-481773 recovered outside acceptance criteria, low biased, for Bis(2-chloroethyl)ether, Pyridine, Bis(2-chloroethoxy)methane, Carbazole and Caprolactam. A reporting limit (RL) standard was analyzed, and the target analyte was detected. Since the associated samples were non-detect for this analyte, the data have been reported.

Method 8270D: The internal standard Perylene-d12 response were outside of acceptance limits for the following samples: TMW-2 (400-184972-2), TMW-3 (400-184972-3), TMW-5 (400-184972-5) and TMW-6 (400-184972-6). Results for the affected analytes are possibly biased high, non-detect are qualified accordingly; therefore, the data have been reported.

Method 8270D: The continuing calibration verification (CCV) associated with batch 400-482114 recovered above the upper control limit for Hexachlorobutadiene. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method 8270D: The continuing calibration verification (CCV) associated with batch 400-482114 recovered outside acceptance criteria, low biased, for Benzyl alcohol. A reporting limit (RL) standard was analyzed, and the target analyte was detected. Since the associated samples were non-detect for this analyte, the data have been reported.

Method 8270D: The continuing calibration verification (CCV) associated with batch 400-482179 recovered outside acceptance criteria, low biased, for Benzyl alcohol. A reporting limit (RL) standard was analyzed, and the target analyte was detected. Since the associated samples were non-detect for this analyte, the data have been reported.

Method 8270D: The continuing calibration verification (CCV) associated with batch 400-482179 recovered above the upper control limit for 2-Nitrophenol and Di-n-octyl phthalate. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method 8270D: The continuing calibration verification (CCV) associated with batch 400-482124 recovered outside acceptance criteria, low

Job ID: 400-184972-1 (Continued)

Laboratory: Eurofins TestAmerica, Pensacola (Continued)

biased, for Dibenz(a,h)anthracene. A reporting limit (RL) standard was analyzed, and the target analyte was detected. Since the associated samples were non-detect for this analyte, the data have been reported.

Method 8270D: The laboratory control sample and/or the laboratory control sample duplicate (LCS/LCSD) for preparation batch 400-481516 and analytical batch 400-482306 recovered outside control limits for the following analyte: Hexachlorocyclopentadiene. Hexachlorocyclopentadiene has been identified as a poor performing analyte when analyzed using this method; therefore, re-extraction/re-analysis was not performed. Batch precision also exceeded control limits for this analyte. These results have been reported and qualified.

Method 8270D: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 400-481516 and analytical batch 400-482306 recovered outside control limits for the following analytes: Hexachlorobutadiene, Hexachlorocyclopentadiene, Hexachloroethane, Benzoic acid and n-Decane.

Method 8270D: The method blank for preparation batch 400-481516 contained Bis(2-ethylhexyl) phthalate above the reporting limit (RL). None of the samples associated with this method blank contained the target compound above the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples were not performed.

Method 8270D: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 400-482790 and analytical batch 400-483296 recovered outside control limits for the following analytes: Bis(2-ethylhexyl) phthalate.

Method 8270D: The continuing calibration verification (CCV) associated with batch 400-483352 recovered above the upper control limit for 4-Nitrophenol. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method 8270D: The continuing calibration verification (CCV) associated with batch 400-483352 recovered outside acceptance criteria, low biased, for Phenol. A reporting limit (RL) standard was analyzed, and the target analyte was detected. Since the associated samples were non-detect for this analyte, the data have been reported.

Method 8270D: Six surrogates are used for this analysis. The laboratory's SOP allows one of these surrogates to be outside acceptance criteria without performing re-extraction/re-analysis. The following sample contained an allowable number of surrogate compounds outside limits: TMW-8 (400-184972-8). These results have been reported and qualified.

Method 8270D: The continuing calibration verification (CCV) associated with batch 400-482487 recovered outside acceptance criteria, low biased, for Hexachlorocyclopentadiene. A reporting limit (RL) standard was analyzed, and the target analyte was detected. Since the associated samples were non-detect for this analyte, the data have been reported.

Method 8270D: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 400-481520 and analytical batch 400-482487 recovered outside control limits for the following analytes: 4-Chloro-3-methylphenol, 2,3,4,6-Tetrachlorophenol, Pentachlorophenol, Benzidine, 3 & 4 Methylphenol, 2,4-Dinitrophenol, Hexachlorocyclopentadiene, 2-Nitrophenol, 4-Nitrophenol, Phenol, 4,6-Dinitro-2-methylphenol and 1,3-Dinitrobenzene.

Method 8270D: The laboratory control sample duplicate (LCSD) for preparation batch 400-481520 and analytical batch 400-482114 recovered outside control limits for the following analytes: 1,3-Dinitrobenzene, 4,6-Dinitro-2-methylphenol, 3,3'-Dichlorobenzidine, 2,4-Dinitrophenol, Hexachlorocyclopentadiene, 2-Nitrophenol, 4-Nitrophenol and Phenol. The associated sample(s) was re-prepared and/or re-analyzed outside holding time. Both sets of data have been reported.

Method 8270D: The method blank for preparation batch 400-482790 contained Bis(2-ethylhexyl) phthalate above the reporting limit (RL). All affected samples were re-extracted and/or re-analyzed outside of holding time. There was insufficient sample to perform a second re-extraction and/or re-analysis; therefore, Both sets of data have been reported

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC VOA

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

GC Semi VOA

Job ID: 400-184972-1 (Continued)

Laboratory: Eurofins TestAmerica, Pensacola (Continued)

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Organic Prep
Method 3520C: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 400-481368.

Method 3520C: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 400-481516.

Method 3520C: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 400-481520.

Method 3520C: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 400-482790.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Detection Summary

Client: SCS Engineers
Project/Site: Tidewater Gardens

Job ID: 400-184972-1

Client Sample ID: TMW-1 — Lab Sample ID: 400-184972-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]pyrene	2.6	J	10	0.12	ug/L	1		8270D	Total/NA
Benzo[b]fluoranthene	1.8	J	10	0.15	ug/L	1		8270D	Total/NA
Bis(2-ethylhexyl) phthalate	8.3	J B	10	5.0	ug/L	1		8270D	Total/NA
Indeno[1,2,3-cd]pyrene	2.3	J	10	0.22	ug/L	1		8270D	Total/NA
Pyrene	0.89	J	10	0.21	ug/L	1		8270D	Total/NA

Client Sample ID: TMW-2 — Lab Sample ID: 400-184972-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Bis(2-ethylhexyl) phthalate	9.3	J B	10	5.2	ug/L	1		8270D	Total/NA
Diesel Range Organics [C10-C28]	180		120	98	ug/L	1		8015C	Total/NA

Client Sample ID: TMW-3 — Lab Sample ID: 400-184972-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Isopropylbenzene	1.7		1.0	0.53	ug/L	1		8260B	Total/NA
Naphthalene	3.6		1.0	1.0	ug/L	1		8260B	Total/NA
n-Butylbenzene	1.1		1.0	0.76	ug/L	1		8260B	Total/NA
N-Propylbenzene	1.7		1.0	0.69	ug/L	1		8260B	Total/NA
sec-Butylbenzene	1.8		1.0	0.70	ug/L	1		8260B	Total/NA
1-Methylnaphthalene	22		10	0.15	ug/L	1		8270D	Total/NA
2-Methylnaphthalene	28		10	0.13	ug/L	1		8270D	Total/NA
Acenaphthene	2.5	J	10	0.16	ug/L	1		8270D	Total/NA
Anthracene	2.0	J	10	0.18	ug/L	1		8270D	Total/NA
Bis(2-ethylhexyl) phthalate	9.6	J B	10	5.0	ug/L	1		8270D	Total/NA
Fluoranthene	2.9	J	10	0.18	ug/L	1		8270D	Total/NA
Fluorene	2.7	J	10	0.18	ug/L	1		8270D	Total/NA
Naphthalene	2.7	J	10	0.17	ug/L	1		8270D	Total/NA
Phenanthrene	3.7	J	10	0.18	ug/L	1		8270D	Total/NA
Pyrene	0.87	J	10	0.21	ug/L	1		8270D	Total/NA
Gasoline Range Organics (GRO) -C6-C10	72	J	100	47	ug/L	1		8015C	Total/NA
Diesel Range Organics [C10-C28]	3400		120	99	ug/L	1		8015C	Total/NA

Client Sample ID: TMW-4 — Lab Sample ID: 400-184972-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Bis(2-ethylhexyl) phthalate	10	B	10	5.2	ug/L	1		8270D	Total/NA
Pyrene	0.48	J	10	0.22	ug/L	1		8270D	Total/NA

Client Sample ID: TMW-5 — Lab Sample ID: 400-184972-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1'-Biphenyl	1.2	J	10	0.17	ug/L	1		8270D	Total/NA
Bis(2-ethylhexyl) phthalate	9.3	J B	10	5.0	ug/L	1		8270D	Total/NA
Di-n-butyl phthalate	2.7	J	10	2.7	ug/L	1		8270D	Total/NA
Diesel Range Organics [C10-C28]	140		120	94	ug/L	1		8015C	Total/NA

Client Sample ID: TMW-6 — Lab Sample ID: 400-184972-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Bis(2-ethylhexyl) phthalate	7.7	J B	10	5.1	ug/L	1		8270D	Total/NA
Diesel Range Organics [C10-C28]	310		120	97	ug/L	1		8015C	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: SCS Engineers
Project/Site: Tidewater Gardens

Job ID: 400-184972-1

Client Sample ID: TMW-7 — Lab Sample ID: 400-184972-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Bis(2-ethylhexyl) phthalate	7.5	J B	10	5.1	ug/L	1		8270D	Total/NA

Client Sample ID: TMW-8 — Lab Sample ID: 400-184972-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Diesel Range Organics [C10-C28]	100	J	120	100	ug/L	1		8015C	Total/NA

Client Sample ID: TMW-9 — Lab Sample ID: 400-184972-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methyl tert-butyl ether	2.4		1.0	0.74	ug/L	1		8260B	Total/NA
Diethyl phthalate	0.57	J B	12	0.29	ug/L	1		8270D	Total/NA
Diesel Range Organics [C10-C28]	180		120	99	ug/L	1		8015C	Total/NA

Client Sample ID: TMW-10 — Lab Sample ID: 400-184972-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Bis(2-ethylhexyl) phthalate	14	B	10	5.0	ug/L	1		8270D	Total/NA
Bis(2-ethylhexyl) phthalate - RERA	13	H B *1	10	5.0	ug/L	1		8270D	Total/NA

Client Sample ID: TMW-11 — Lab Sample ID: 400-184972-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Diesel Range Organics [C10-C28]	170		130	100	ug/L	1		8015C	Total/NA

Client Sample ID: TMW-DUP — Lab Sample ID: 400-184972-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Diesel Range Organics [C10-C28]	110	J	120	93	ug/L	1		8015C	Total/NA

This Detection Summary does not include radiochemical test results.

Sample Summary

Client: SCS Engineers
Project/Site: Tidewater Gardens

Job ID: 400-184972-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
400-184972-1	TMW-1	Water	03/04/20 13:20	03/06/20 08:50	
400-184972-2	TMW-2	Water	03/04/20 14:10	03/06/20 08:50	
400-184972-3	TMW-3	Water	03/05/20 13:00	03/06/20 08:50	
400-184972-4	TMW-4	Water	03/04/20 12:45	03/06/20 08:50	
400-184972-5	TMW-5	Water	03/04/20 14:40	03/06/20 08:50	
400-184972-6	TMW-6	Water	03/04/20 15:20	03/06/20 08:50	
400-184972-7	TMW-7	Water	03/04/20 16:10	03/06/20 08:50	
400-184972-8	TMW-8	Water	03/05/20 12:10	03/06/20 08:50	
400-184972-9	TMW-9	Water	03/05/20 11:20	03/06/20 08:50	
400-184972-10	TMW-10	Water	03/05/20 09:40	03/06/20 08:50	
400-184972-11	TMW-11	Water	03/05/20 10:30	03/06/20 08:50	
400-184972-12	TMW-DUP	Water	03/05/20 10:40	03/06/20 08:50	

Client: SCS Engineers
Project/Site: Tidewater Gardens

Job ID: 400-184972-1

Client Sample ID: TMW-1
Date Collected: 03/04/20 13:20
Date Received: 03/06/20 08:50

Lab Sample ID: 400-184972-1
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.52		1.0	0.52	ug/L			03/14/20 08:48	1
1,1,1-Trichloroethane	<0.50		1.0	0.50	ug/L			03/14/20 08:48	1
1,1,2,2-Tetrachloroethane	<0.50		1.0	0.50	ug/L			03/14/20 08:48	1
1,1,2-Trichloroethane	<0.50		5.0	0.50	ug/L			03/14/20 08:48	1
1,1-Dichloroethane	<0.50		1.0	0.50	ug/L			03/14/20 08:48	1
1,1-Dichloroethene	<0.50		1.0	0.50	ug/L			03/14/20 08:48	1
1,1-Dichloropropene	<0.50		1.0	0.50	ug/L			03/14/20 08:48	1
1,2,3-Trichlorobenzene	<0.70		1.0	0.70	ug/L			03/14/20 08:48	1
1,2,3-Trichloropropane	<0.84		5.0	0.84	ug/L			03/14/20 08:48	1
1,2,4-Trichlorobenzene	<0.82		1.0	0.82	ug/L			03/14/20 08:48	1
1,2,4-Trimethylbenzene	<0.82		1.0	0.82	ug/L			03/14/20 08:48	1
1,2-Dibromo-3-Chloropropane	<1.5		5.0	1.5	ug/L			03/14/20 08:48	1
1,2-Dichlorobenzene	<0.50		1.0	0.50	ug/L			03/14/20 08:48	1
1,2-Dichloroethane	<0.50		1.0	0.50	ug/L			03/14/20 08:48	1
1,2-Dichloropropane	<0.50		1.0	0.50	ug/L			03/14/20 08:48	1
1,3,5-Trimethylbenzene	<0.56		1.0	0.56	ug/L			03/14/20 08:48	1
1,3-Dichlorobenzene	<0.54		1.0	0.54	ug/L			03/14/20 08:48	1
1,3-Dichloropropane	<0.50		1.0	0.50	ug/L			03/14/20 08:48	1
1,4-Dichlorobenzene	<0.64		1.0	0.64	ug/L			03/14/20 08:48	1
2,2-Dichloropropane	<0.50		1.0	0.50	ug/L			03/14/20 08:48	1
2-Butanone (MEK)	<2.6		25	2.6	ug/L			03/14/20 08:48	1
2-Chlorotoluene	<0.57		1.0	0.57	ug/L			03/14/20 08:48	1
2-Hexanone	<3.1		25	3.1	ug/L			03/14/20 08:48	1
4-Chlorotoluene	<0.56		1.0	0.56	ug/L			03/14/20 08:48	1
4-Isopropyltoluene	<0.71		1.0	0.71	ug/L			03/14/20 08:48	1
4-Methyl-2-pentanone (MIBK)	<1.8		25	1.8	ug/L			03/14/20 08:48	1
Acetone	<10		25	10	ug/L			03/14/20 08:48	1
Benzene	<0.38		1.0	0.38	ug/L			03/14/20 08:48	1
Bromobenzene	<0.54		1.0	0.54	ug/L			03/14/20 08:48	1
Bromoform	<0.71		5.0	0.71	ug/L			03/14/20 08:48	1
Bromomethane	<0.98		1.0	0.98	ug/L			03/14/20 08:48	1
Carbon disulfide	<0.50		1.0	0.50	ug/L			03/14/20 08:48	1
Carbon tetrachloride	<0.50		1.0	0.50	ug/L			03/14/20 08:48	1
Chlorobenzene	<0.50		1.0	0.50	ug/L			03/14/20 08:48	1
Chlorobromomethane	<0.52		1.0	0.52	ug/L			03/14/20 08:48	1
Chlorodibromomethane	<0.50		1.0	0.50	ug/L			03/14/20 08:48	1
Chloroethane	<0.76		1.0	0.76	ug/L			03/14/20 08:48	1
Chloroform	<0.60		1.0	0.60	ug/L			03/14/20 08:48	1
Chloromethane	<0.83		1.0	0.83	ug/L			03/14/20 08:48	1
cis-1,2-Dichloroethene	<0.50		1.0	0.50	ug/L			03/14/20 08:48	1
cis-1,3-Dichloropropene	<0.50		5.0	0.50	ug/L			03/14/20 08:48	1
Dibromomethane	<0.59		5.0	0.59	ug/L			03/14/20 08:48	1
Dichlorobromomethane	<0.50		1.0	0.50	ug/L			03/14/20 08:48	1
Dichlorodifluoromethane	<0.85		1.0	0.85	ug/L			03/14/20 08:48	1
Ethylbenzene	<0.50		1.0	0.50	ug/L			03/14/20 08:48	1
Ethylene Dibromide	<0.50		1.0	0.50	ug/L			03/14/20 08:48	1
Hexachlorobutadiene	<0.90		5.0	0.90	ug/L			03/14/20 08:48	1
Iodomethane	<0.90		1.0	0.90	ug/L			03/14/20 08:48	1
Isopropyl ether	<0.70		1.0	0.70	ug/L			03/14/20 08:48	1

Client Sample ID: TMW-1
Date Collected: 03/04/20 13:20
Date Received: 03/06/20 08:50

Lab Sample ID: 400-184972-1
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	<0.53		1.0	0.53	ug/L			03/14/20 08:48	1
Methyl tert-butyl ether	<0.74		1.0	0.74	ug/L			03/14/20 08:48	1
Methylene Chloride	<3.0		5.0	3.0	ug/L			03/14/20 08:48	1
m-Xylene & p-Xylene	<1.6		5.0	1.6	ug/L			03/14/20 08:48	1
Naphthalene	<1.0		1.0	1.0	ug/L			03/14/20 08:48	1
n-Butylbenzene	<0.76		1.0	0.76	ug/L			03/14/20 08:48	1
N-Propylbenzene	<0.69		1.0	0.69	ug/L			03/14/20 08:48	1
o-Xylene	<0.60		5.0	0.60	ug/L			03/14/20 08:48	1
sec-Butylbenzene	<0.70		1.0	0.70	ug/L			03/14/20 08:48	1
Styrene	<1.0		1.0	1.0	ug/L			03/14/20 08:48	1
tert-Butylbenzene	<0.63		1.0	0.63	ug/L			03/14/20 08:48	1
Tetrachloroethene	<0.58		1.0	0.58	ug/L			03/14/20 08:48	1
Toluene	<0.41		1.0	0.41	ug/L			03/14/20 08:48	1
trans-1,2-Dichloroethene	<0.50		1.0	0.50	ug/L			03/14/20 08:48	1
trans-1,3-Dichloropropene	<0.50		5.0	0.50	ug/L			03/14/20 08:48	1
Trichloroethene	<0.50		1.0	0.50	ug/L			03/14/20 08:48	1
Trichlorofluoromethane	<0.52		1.0	0.52	ug/L			03/14/20 08:48	1
Vinyl acetate	<2.0		25	2.0	ug/L			03/14/20 08:48	1
Vinyl chloride	<0.50		1.0	0.50	ug/L			03/14/20 08:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*78 - 118*		*03/14/20 08:48*	*1*
Dibromofluoromethane	*100*		*81 - 121*		*03/14/20 08:48*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*		*03/14/20 08:48*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	<0.17		10	0.17	ug/L		03/10/20 17:03	03/13/20 15:36	1
1,2,4,5-Tetrachlorobenzene	<0.18		10	0.18	ug/L		03/10/20 17:03	03/13/20 15:36	1
1,2,4-Trichlorobenzene	<0.18		10	0.18	ug/L		03/10/20 17:03	03/13/20 15:36	1
1,2-Dichlorobenzene	<0.17		10	0.17	ug/L		03/10/20 17:03	03/13/20 15:36	1
1,3-Dichlorobenzene	<0.18		10	0.18	ug/L		03/10/20 17:03	03/13/20 15:36	1
1,3-Dinitrobenzene	<1.0		10	1.0	ug/L		03/10/20 17:03	03/13/20 15:36	1
1,4-Dichlorobenzene	<0.16		10	0.16	ug/L		03/10/20 17:03	03/13/20 15:36	1
1,4-Dioxane	<1.0		10	1.0	ug/L		03/10/20 17:03	03/13/20 15:36	1
1-Methylnaphthalene	<0.15		10	0.15	ug/L		03/10/20 17:03	03/13/20 15:36	1
2,2'-oxybis(1-chloropropane)	<0.16		10	0.16	ug/L		03/10/20 17:03	03/13/20 15:36	1
2,3,4,6-Tetrachlorophenol	<1.6	*1	10	1.6	ug/L		03/10/20 17:03	03/13/20 15:36	1
2,4,5-Trichlorophenol	<3.7		10	3.7	ug/L		03/10/20 17:03	03/13/20 15:36	1
2,4,6-Trichlorophenol	<3.5	*1	10	3.5	ug/L		03/10/20 17:03	03/13/20 15:36	1
2,4-Dichlorophenol	<3.0		10	3.0	ug/L		03/10/20 17:03	03/13/20 15:36	1
2,4-Dimethylphenol	<3.5		10	3.5	ug/L		03/10/20 17:03	03/13/20 15:36	1
2,4-Dinitrophenol	<3.4		30	3.4	ug/L		03/10/20 17:03	03/13/20 15:36	1
2,4-Dinitrotoluene	<1.9		10	1.9	ug/L		03/10/20 17:03	03/13/20 15:36	1
2,6-Dinitrotoluene	<1.9		10	1.9	ug/L		03/10/20 17:03	03/13/20 15:36	1
2-Chloronaphthalene	<0.14		10	0.14	ug/L		03/10/20 17:03	03/13/20 15:36	1
2-Chlorophenol	<2.2		10	2.2	ug/L		03/10/20 17:03	03/13/20 15:36	1
2-Methylnaphthalene	<0.13		10	0.13	ug/L		03/10/20 17:03	03/13/20 15:36	1
2-Methylphenol	<1.8		10	1.8	ug/L		03/10/20 17:03	03/13/20 15:36	1
2-Nitroaniline	<2.2		10	2.2	ug/L		03/10/20 17:03	03/13/20 15:36	1

Client: SCS Engineers
Project/Site: Tidewater Gardens

Job ID: 400-184972-1

Client Sample ID: TMW-1
Date Collected: 03/04/20 13:20
Date Received: 03/06/20 08:50

Lab Sample ID: 400-184972-1
Matrix: Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitrophenol	<5.2		10	5.2	ug/L		03/10/20 17:03	03/13/20 15:36	1
3 & 4 Methylphenol	<0.39		20	0.39	ug/L		03/10/20 17:03	03/13/20 15:36	1
3,3'-Dichlorobenzidine	<2.6		10	2.6	ug/L		03/10/20 17:03	03/16/20 16:55	1
3-Nitroaniline	<1.8		10	1.8	ug/L		03/10/20 17:03	03/13/20 15:36	1
4,6-Dinitro-2-methylphenol	<1.6		10	1.6	ug/L		03/10/20 17:03	03/13/20 15:36	1
4-Bromophenyl phenyl ether	<0.20		10	0.20	ug/L		03/10/20 17:03	03/13/20 15:36	1
4-Chloro-3-methylphenol	<3.8		10	3.8	ug/L		03/10/20 17:03	03/13/20 15:36	1
4-Chloroaniline	<3.4		10	3.4	ug/L		03/10/20 17:03	03/13/20 15:36	1
4-Chlorophenyl phenyl ether	<2.0		10	2.0	ug/L		03/10/20 17:03	03/13/20 15:36	1
4-Nitroaniline	<1.5		10	1.5	ug/L		03/10/20 17:03	03/13/20 15:36	1
4-Nitrophenol	<2.1		10	2.1	ug/L		03/10/20 17:03	03/13/20 15:36	1
Acenaphthene	<0.16		10	0.16	ug/L		03/10/20 17:03	03/13/20 15:36	1
Acenaphthylene	<0.17		10	0.17	ug/L		03/10/20 17:03	03/13/20 15:36	1
Acetophenone	<0.14		10	0.14	ug/L		03/10/20 17:03	03/13/20 15:36	1
Aniline	<3.8		10	3.8	ug/L		03/10/20 17:03	03/13/20 15:36	1
Anthracene	<0.18		10	0.18	ug/L		03/10/20 17:03	03/13/20 15:36	1
Atrazine	<0.24	*	10	0.24	ug/L		03/10/20 17:03	03/13/20 15:36	1
Azobenzene	<1.0		10	1.0	ug/L		03/10/20 17:03	03/13/20 15:36	1
Benzaldehyde	<0.42		10	0.42	ug/L		03/10/20 17:03	03/13/20 15:36	1
Benzidine	<20	*1	25	20	ug/L		03/10/20 17:03	03/16/20 16:55	1
Benzo[a]anthracene	<0.18		10	0.18	ug/L		03/10/20 17:03	03/16/20 16:55	1
Benzo[a]pyrene	**2.6**	**J**	10	0.12	ug/L		03/10/20 17:03	03/16/20 16:55	1
Benzo[b]fluoranthene	**1.8**	**J**	10	0.15	ug/L		03/10/20 17:03	03/16/20 16:55	1
Benzo[g,h,i]perylene	<0.23		10	0.23	ug/L		03/10/20 17:03	03/16/20 16:55	1
Benzo[k]fluoranthene	<0.16		10	0.16	ug/L		03/10/20 17:03	03/16/20 16:55	1
Benzoic acid	<7.3	*	30	7.3	ug/L		03/10/20 17:03	03/13/20 15:36	1
Benzyl alcohol	<2.0		10	2.0	ug/L		03/10/20 17:03	03/13/20 15:36	1
Bis(2-chloroethoxy)methane	<0.16		10	0.16	ug/L		03/10/20 17:03	03/13/20 15:36	1
Bis(2-chloroethyl)ether	<2.7		10	2.7	ug/L		03/10/20 17:03	03/13/20 15:36	1
Bis(2-ethylhexyl) phthalate	**8.3**	**J B**	10	5.0	ug/L		03/10/20 17:03	03/17/20 16:04	1
Butyl benzyl phthalate	<0.19		10	0.19	ug/L		03/10/20 17:03	03/16/20 16:55	1
Caprolactam	<3.8	*	10	3.8	ug/L		03/10/20 17:03	03/13/20 15:36	1
Carbazole	<0.23		10	0.23	ug/L		03/10/20 17:03	03/13/20 15:36	1
Chrysene	<0.19		10	0.19	ug/L		03/10/20 17:03	03/16/20 16:55	1
Dibenz(a,h)anthracene	<0.24		10	0.24	ug/L		03/10/20 17:03	03/16/20 16:55	1
Dibenzofuran	<0.17		10	0.17	ug/L		03/10/20 17:03	03/13/20 15:36	1
Diethyl phthalate	<0.24		10	0.24	ug/L		03/10/20 17:03	03/13/20 15:36	1
Dimethyl phthalate	<0.17		10	0.17	ug/L		03/10/20 17:03	03/13/20 15:36	1
Di-n-butyl phthalate	<2.7		10	2.7	ug/L		03/10/20 17:03	03/13/20 15:36	1
Di-n-octyl phthalate	<0.17		10	0.17	ug/L		03/10/20 17:03	03/16/20 16:55	1
Fluoranthene	<0.18		10	0.18	ug/L		03/10/20 17:03	03/13/20 15:36	1
Fluorene	<0.18		10	0.18	ug/L		03/10/20 17:03	03/13/20 15:36	1
Hexachlorobenzene	<0.17		10	0.17	ug/L		03/10/20 17:03	03/13/20 15:36	1
Hexachlorobutadiene	<0.55		10	0.55	ug/L		03/10/20 17:03	03/13/20 15:36	1
Hexachlorocyclopentadiene	<2.6		20	2.6	ug/L		03/10/20 17:03	03/13/20 15:36	1
Hexachloroethane	<4.2		10	4.2	ug/L		03/10/20 17:03	03/13/20 15:36	1
Hexadecane	<1.0		10	1.0	ug/L		03/10/20 17:03	03/13/20 15:36	1
Indeno[1,2,3-cd]pyrene	**2.3**	**J**	10	0.22	ug/L		03/10/20 17:03	03/16/20 16:55	1
Isophorone	<0.14		10	0.14	ug/L		03/10/20 17:03	03/13/20 15:36	1

Client Sample ID: TMW-1
Date Collected: 03/04/20 13:20
Date Received: 03/06/20 08:50

Lab Sample ID: 400-184972-1
Matrix: Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	<0.17		10	0.17	ug/L		03/10/20 17:03	03/13/20 15:36	1
n-Decane	<1.0		10	1.0	ug/L		03/10/20 17:03	03/13/20 15:36	1
Nitrobenzene	<0.13		10	0.13	ug/L		03/10/20 17:03	03/13/20 15:36	1
N-Nitrosodimethylamine	<3.5		10	3.5	ug/L		03/10/20 17:03	03/13/20 15:36	1
N-Nitrosodi-n-propylamine	<3.3		10	3.3	ug/L		03/10/20 17:03	03/13/20 15:36	1
N-Nitrosodiphenylamine	<0.18		10	0.18	ug/L		03/10/20 17:03	03/13/20 15:36	1
n-Octadecane	<1.0		10	1.0	ug/L		03/10/20 17:03	03/13/20 15:36	1
Pentachlorophenol	<1.4		20	1.4	ug/L		03/10/20 17:03	03/13/20 15:36	1
Phenanthrene	<0.18		10	0.18	ug/L		03/10/20 17:03	03/13/20 15:36	1
Phenol	<2.6		10	2.6	ug/L		03/10/20 17:03	03/13/20 15:36	1
Pyrene	**0.89**	**J**	10	0.21	ug/L		03/10/20 17:03	03/16/20 16:55	1
Pyridine	<3.2		10	3.2	ug/L		03/10/20 17:03	03/13/20 15:36	1
Sulfolane	<0.58	*	10	0.58	ug/L		03/10/20 17:03	03/13/20 15:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*101*		*26 - 150*	*03/10/20 17:03*	*03/16/20 16:55*	*1*
2-Fluorobiphenyl	*81*		*46 - 124*	*03/10/20 17:03*	*03/16/20 16:55*	*1*
2-Fluorophenol (Surr)	*52*		*13 - 113*	*03/10/20 17:03*	*03/16/20 16:55*	*1*
Nitrobenzene-d5 (Surr)	*91*		*36 - 126*	*03/10/20 17:03*	*03/16/20 16:55*	*1*
Phenol-d5 (Surr)	*81*		*17 - 127*	*03/10/20 17:03*	*03/16/20 16:55*	*1*
Terphenyl-d14 (Surr)	*102*		*44 - 149*	*03/10/20 17:03*	*03/16/20 16:55*	*1*

Method: 8015C - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO) -C6-C10	<47		100	47	ug/L			03/10/20 03:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene (fid)	*91*		*78 - 119*		*03/10/20 03:42*	*1*

Method: 8015C - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	<99		120	99	ug/L		03/10/20 09:50	03/11/20 16:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*75*		*40 - 140*	*03/10/20 09:50*	*03/11/20 16:09*	*1*

Client: SCS Engineers
Project/Site: Tidewater Gardens

Job ID: 400-184972-1

Client Sample ID: TMW-2
Date Collected: 03/04/20 14:10
Date Received: 03/06/20 08:50

Lab Sample ID: 400-184972-2
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.52		1.0	0.52	ug/L			03/14/20 10:31	1
1,1,1-Trichloroethane	<0.50		1.0	0.50	ug/L			03/14/20 10:31	1
1,1,2,2-Tetrachloroethane	<0.50		1.0	0.50	ug/L			03/14/20 10:31	1
1,1,2-Trichloroethane	<0.50		5.0	0.50	ug/L			03/14/20 10:31	1
1,1-Dichloroethane	<0.50		1.0	0.50	ug/L			03/14/20 10:31	1
1,1-Dichloroethene	<0.50		1.0	0.50	ug/L			03/14/20 10:31	1
1,1-Dichloropropene	<0.50		1.0	0.50	ug/L			03/14/20 10:31	1
1,2,3-Trichlorobenzene	<0.70		1.0	0.70	ug/L			03/14/20 10:31	1
1,2,3-Trichloropropane	<0.84		5.0	0.84	ug/L			03/14/20 10:31	1
1,2,4-Trichlorobenzene	<0.82		1.0	0.82	ug/L			03/14/20 10:31	1
1,2,4-Trimethylbenzene	<0.82		1.0	0.82	ug/L			03/14/20 10:31	1
1,2-Dibromo-3-Chloropropane	<1.5		5.0	1.5	ug/L			03/14/20 10:31	1
1,2-Dichlorobenzene	<0.50		1.0	0.50	ug/L			03/14/20 10:31	1
1,2-Dichloroethane	<0.50		1.0	0.50	ug/L			03/14/20 10:31	1
1,2-Dichloropropane	<0.50		1.0	0.50	ug/L			03/14/20 10:31	1
1,3,5-Trimethylbenzene	<0.56		1.0	0.56	ug/L			03/14/20 10:31	1
1,3-Dichlorobenzene	<0.54		1.0	0.54	ug/L			03/14/20 10:31	1
1,3-Dichloropropane	<0.50		1.0	0.50	ug/L			03/14/20 10:31	1
1,4-Dichlorobenzene	<0.64		1.0	0.64	ug/L			03/14/20 10:31	1
2,2-Dichloropropane	<0.50		1.0	0.50	ug/L			03/14/20 10:31	1
2-Butanone (MEK)	<2.6		25	2.6	ug/L			03/14/20 10:31	1
2-Chlorotoluene	<0.57		1.0	0.57	ug/L			03/14/20 10:31	1
2-Hexanone	<3.1		25	3.1	ug/L			03/14/20 10:31	1
4-Chlorotoluene	<0.56		1.0	0.56	ug/L			03/14/20 10:31	1
4-Isopropyltoluene	<0.71		1.0	0.71	ug/L			03/14/20 10:31	1
4-Methyl-2-pentanone (MIBK)	<1.8		25	1.8	ug/L			03/14/20 10:31	1
Acetone	<10		25	10	ug/L			03/14/20 10:31	1
Benzene	<0.38		1.0	0.38	ug/L			03/14/20 10:31	1
Bromobenzene	<0.54		1.0	0.54	ug/L			03/14/20 10:31	1
Bromoform	<0.71		5.0	0.71	ug/L			03/14/20 10:31	1
Bromomethane	<0.98		1.0	0.98	ug/L			03/14/20 10:31	1
Carbon disulfide	<0.50		1.0	0.50	ug/L			03/14/20 10:31	1
Carbon tetrachloride	<0.50		1.0	0.50	ug/L			03/14/20 10:31	1
Chlorobenzene	<0.50		1.0	0.50	ug/L			03/14/20 10:31	1
Chlorobromomethane	<0.52		1.0	0.52	ug/L			03/14/20 10:31	1
Chlorodibromomethane	<0.50		1.0	0.50	ug/L			03/14/20 10:31	1
Chloroethane	<0.76		1.0	0.76	ug/L			03/14/20 10:31	1
Chloroform	<0.60		1.0	0.60	ug/L			03/14/20 10:31	1
Chloromethane	<0.83		1.0	0.83	ug/L			03/14/20 10:31	1
cis-1,2-Dichloroethene	<0.50		1.0	0.50	ug/L			03/14/20 10:31	1
cis-1,3-Dichloropropene	<0.50		5.0	0.50	ug/L			03/14/20 10:31	1
Dibromomethane	<0.59		5.0	0.59	ug/L			03/14/20 10:31	1
Dichlorobromomethane	<0.50		1.0	0.50	ug/L			03/14/20 10:31	1
Dichlorodifluoromethane	<0.85		1.0	0.85	ug/L			03/14/20 10:31	1
Ethylbenzene	<0.50		1.0	0.50	ug/L			03/14/20 10:31	1
Ethylene Dibromide	<0.50		1.0	0.50	ug/L			03/14/20 10:31	1
Hexachlorobutadiene	<0.90		5.0	0.90	ug/L			03/14/20 10:31	1
Iodomethane	<0.90		1.0	0.90	ug/L			03/14/20 10:31	1
Isopropyl ether	<0.70		1.0	0.70	ug/L			03/14/20 10:31	1

Client Sample ID: TMW-2
Date Collected: 03/04/20 14:10
Date Received: 03/06/20 08:50

Lab Sample ID: 400-184972-2
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	<0.53		1.0	0.53	ug/L			03/14/20 10:31	1
Methyl tert-butyl ether	<0.74		1.0	0.74	ug/L			03/14/20 10:31	1
Methylene Chloride	<3.0		5.0	3.0	ug/L			03/14/20 10:31	1
m-Xylene & p-Xylene	<1.6		5.0	1.6	ug/L			03/14/20 10:31	1
Naphthalene	<1.0		1.0	1.0	ug/L			03/14/20 10:31	1
n-Butylbenzene	<0.76		1.0	0.76	ug/L			03/14/20 10:31	1
N-Propylbenzene	<0.69		1.0	0.69	ug/L			03/14/20 10:31	1
o-Xylene	<0.60		5.0	0.60	ug/L			03/14/20 10:31	1
sec-Butylbenzene	<0.70		1.0	0.70	ug/L			03/14/20 10:31	1
Styrene	<1.0		1.0	1.0	ug/L			03/14/20 10:31	1
tert-Butylbenzene	<0.63		1.0	0.63	ug/L			03/14/20 10:31	1
Tetrachloroethene	<0.58		1.0	0.58	ug/L			03/14/20 10:31	1
Toluene	<0.41		1.0	0.41	ug/L			03/14/20 10:31	1
trans-1,2-Dichloroethene	<0.50		1.0	0.50	ug/L			03/14/20 10:31	1
trans-1,3-Dichloropropene	<0.50		5.0	0.50	ug/L			03/14/20 10:31	1
Trichloroethene	<0.50		1.0	0.50	ug/L			03/14/20 10:31	1
Trichlorofluoromethane	<0.52		1.0	0.52	ug/L			03/14/20 10:31	1
Vinyl acetate	<2.0		25	2.0	ug/L			03/14/20 10:31	1
Vinyl chloride	<0.50		1.0	0.50	ug/L			03/14/20 10:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*		*78 - 118*		*03/14/20 10:31*	*1*
Dibromofluoromethane	*96*		*81 - 121*		*03/14/20 10:31*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*		*03/14/20 10:31*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	<0.18		10	0.18	ug/L		03/10/20 17:03	03/13/20 15:57	1
1,2,4,5-Tetrachlorobenzene	<0.19		10	0.19	ug/L		03/10/20 17:03	03/13/20 15:57	1
1,2,4-Trichlorobenzene	<0.19		10	0.19	ug/L		03/10/20 17:03	03/13/20 15:57	1
1,2-Dichlorobenzene	<0.18		10	0.18	ug/L		03/10/20 17:03	03/13/20 15:57	1
1,3-Dichlorobenzene	<0.19		10	0.19	ug/L		03/10/20 17:03	03/13/20 15:57	1
1,3-Dinitrobenzene	<1.0		10	1.0	ug/L		03/10/20 17:03	03/13/20 15:57	1
1,4-Dichlorobenzene	<0.17		10	0.17	ug/L		03/10/20 17:03	03/13/20 15:57	1
1,4-Dioxane	<1.0		10	1.0	ug/L		03/10/20 17:03	03/13/20 15:57	1
1-Methylnaphthalene	<0.16		10	0.16	ug/L		03/10/20 17:03	03/13/20 15:57	1
2,2'-oxybis(1-chloropropane)	<0.17		10	0.17	ug/L		03/10/20 17:03	03/13/20 15:57	1
2,3,4,6-Tetrachlorophenol	<1.7	*1	10	1.7	ug/L		03/10/20 17:03	03/13/20 15:57	1
2,4,5-Trichlorophenol	<3.9		10	3.9	ug/L		03/10/20 17:03	03/13/20 15:57	1
2,4,6-Trichlorophenol	<3.7	*1	10	3.7	ug/L		03/10/20 17:03	03/13/20 15:57	1
2,4-Dichlorophenol	<3.1		10	3.1	ug/L		03/10/20 17:03	03/13/20 15:57	1
2,4-Dimethylphenol	<3.7		10	3.7	ug/L		03/10/20 17:03	03/13/20 15:57	1
2,4-Dinitrophenol	<3.6		31	3.6	ug/L		03/10/20 17:03	03/13/20 15:57	1
2,4-Dinitrotoluene	<2.0		10	2.0	ug/L		03/10/20 17:03	03/13/20 15:57	1
2,6-Dinitrotoluene	<2.0		10	2.0	ug/L		03/10/20 17:03	03/13/20 15:57	1
2-Chloronaphthalene	<0.15		10	0.15	ug/L		03/10/20 17:03	03/13/20 15:57	1
2-Chlorophenol	<2.3		10	2.3	ug/L		03/10/20 17:03	03/13/20 15:57	1
2-Methylnaphthalene	<0.14		10	0.14	ug/L		03/10/20 17:03	03/13/20 15:57	1
2-Methylphenol	<1.9		10	1.9	ug/L		03/10/20 17:03	03/13/20 15:57	1
2-Nitroaniline	<2.3		10	2.3	ug/L		03/10/20 17:03	03/13/20 15:57	1

Client: SCS Engineers
Project/Site: Tidewater Gardens

Job ID: 400-184972-1

Client Sample ID: TMW-2
Date Collected: 03/04/20 14:10
Date Received: 03/06/20 08:50

Lab Sample ID: 400-184972-2
Matrix: Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitrophenol	<5.5		10	5.5	ug/L		03/10/20 17:03	03/13/20 15:57	1
3 & 4 Methylphenol	<0.41		21	0.41	ug/L		03/10/20 17:03	03/13/20 15:57	1
3,3'-Dichlorobenzidine	<2.7		10	2.7	ug/L		03/10/20 17:03	03/13/20 15:57	1
3-Nitroaniline	<1.9		10	1.9	ug/L		03/10/20 17:03	03/13/20 15:57	1
4,6-Dinitro-2-methylphenol	<1.7		10	1.7	ug/L		03/10/20 17:03	03/13/20 15:57	1
4-Bromophenyl phenyl ether	<0.21		10	0.21	ug/L		03/10/20 17:03	03/13/20 15:57	1
4-Chloro-3-methylphenol	<4.0		10	4.0	ug/L		03/10/20 17:03	03/13/20 15:57	1
4-Chloroaniline	<3.6		10	3.6	ug/L		03/10/20 17:03	03/13/20 15:57	1
4-Chlorophenyl phenyl ether	<2.1		10	2.1	ug/L		03/10/20 17:03	03/13/20 15:57	1
4-Nitroaniline	<1.6		10	1.6	ug/L		03/10/20 17:03	03/13/20 15:57	1
4-Nitrophenol	<2.2		10	2.2	ug/L		03/10/20 17:03	03/13/20 15:57	1
Acenaphthene	<0.17		10	0.17	ug/L		03/10/20 17:03	03/13/20 15:57	1
Acenaphthylene	<0.18		10	0.18	ug/L		03/10/20 17:03	03/13/20 15:57	1
Acetophenone	<0.15		10	0.15	ug/L		03/10/20 17:03	03/13/20 15:57	1
Aniline	<4.0		10	4.0	ug/L		03/10/20 17:03	03/13/20 15:57	1
Anthracene	<0.19		10	0.19	ug/L		03/10/20 17:03	03/13/20 15:57	1
Atrazine	<0.25	*	10	0.25	ug/L		03/10/20 17:03	03/13/20 15:57	1
Azobenzene	<1.0		10	1.0	ug/L		03/10/20 17:03	03/13/20 15:57	1
Benzaldehyde	<0.44		10	0.44	ug/L		03/10/20 17:03	03/13/20 15:57	1
Benzidine	<21	*1	26	21	ug/L		03/10/20 17:03	03/13/20 15:57	1
Benzo[a]anthracene	<0.19		10	0.19	ug/L		03/10/20 17:03	03/13/20 15:57	1
Benzo[a]pyrene	<0.13	*3	10	0.13	ug/L		03/10/20 17:03	03/13/20 15:57	1
Benzo[b]fluoranthene	<0.16	*3	10	0.16	ug/L		03/10/20 17:03	03/13/20 15:57	1
Benzo[g,h,i]perylene	<0.24	*3	10	0.24	ug/L		03/10/20 17:03	03/13/20 15:57	1
Benzo[k]fluoranthene	<0.17	*3	10	0.17	ug/L		03/10/20 17:03	03/13/20 15:57	1
Benzoic acid	<7.7	*	31	7.7	ug/L		03/10/20 17:03	03/13/20 15:57	1
Benzyl alcohol	<2.1		10	2.1	ug/L		03/10/20 17:03	03/13/20 15:57	1
Bis(2-chloroethoxy)methane	<0.17		10	0.17	ug/L		03/10/20 17:03	03/13/20 15:57	1
Bis(2-chloroethyl)ether	<2.8		10	2.8	ug/L		03/10/20 17:03	03/13/20 15:57	1
Bis(2-ethylhexyl) phthalate	**9.3**	**J B**	10	5.2	ug/L		03/10/20 17:03	03/13/20 15:57	1
Butyl benzyl phthalate	<0.20		10	0.20	ug/L		03/10/20 17:03	03/13/20 15:57	1
Caprolactam	<4.0	*	10	4.0	ug/L		03/10/20 17:03	03/13/20 15:57	1
Carbazole	<0.24		10	0.24	ug/L		03/10/20 17:03	03/13/20 15:57	1
Chrysene	<0.20		10	0.20	ug/L		03/10/20 17:03	03/13/20 15:57	1
Dibenz(a,h)anthracene	<0.25	*3	10	0.25	ug/L		03/10/20 17:03	03/13/20 15:57	1
Dibenzofuran	<0.18		10	0.18	ug/L		03/10/20 17:03	03/13/20 15:57	1
Diethyl phthalate	<0.25		10	0.25	ug/L		03/10/20 17:03	03/13/20 15:57	1
Dimethyl phthalate	<0.18		10	0.18	ug/L		03/10/20 17:03	03/13/20 15:57	1
Di-n-butyl phthalate	<2.8		10	2.8	ug/L		03/10/20 17:03	03/13/20 15:57	1
Di-n-octyl phthalate	<0.18		10	0.18	ug/L		03/10/20 17:03	03/13/20 15:57	1
Fluoranthene	<0.19		10	0.19	ug/L		03/10/20 17:03	03/13/20 15:57	1
Fluorene	<0.19		10	0.19	ug/L		03/10/20 17:03	03/13/20 15:57	1
Hexachlorobenzene	<0.18		10	0.18	ug/L		03/10/20 17:03	03/13/20 15:57	1
Hexachlorobutadiene	<0.58		10	0.58	ug/L		03/10/20 17:03	03/13/20 15:57	1
Hexachlorocyclopentadiene	<2.7		21	2.7	ug/L		03/10/20 17:03	03/13/20 15:57	1
Hexachloroethane	<4.4		10	4.4	ug/L		03/10/20 17:03	03/13/20 15:57	1
Hexadecane	<1.0		10	1.0	ug/L		03/10/20 17:03	03/13/20 15:57	1
Indeno[1,2,3-cd]pyrene	<0.23	*3	10	0.23	ug/L		03/10/20 17:03	03/13/20 15:57	1
Isophorone	<0.15		10	0.15	ug/L		03/10/20 17:03	03/13/20 15:57	1

Client Sample ID: TMW-2
Date Collected: 03/04/20 14:10
Date Received: 03/06/20 08:50

Lab Sample ID: 400-184972-2
Matrix: Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	<0.18		10	0.18	ug/L		03/10/20 17:03	03/13/20 15:57	1
n-Decane	<1.0		10	1.0	ug/L		03/10/20 17:03	03/13/20 15:57	1
Nitrobenzene	<0.14		10	0.14	ug/L		03/10/20 17:03	03/13/20 15:57	1
N-Nitrosodimethylamine	<3.7		10	3.7	ug/L		03/10/20 17:03	03/13/20 15:57	1
N-Nitrosodi-n-propylamine	<3.5		10	3.5	ug/L		03/10/20 17:03	03/13/20 15:57	1
N-Nitrosodiphenylamine	<0.19		10	0.19	ug/L		03/10/20 17:03	03/13/20 15:57	1
n-Octadecane	<1.0		10	1.0	ug/L		03/10/20 17:03	03/13/20 15:57	1
Pentachlorophenol	<1.5		21	1.5	ug/L		03/10/20 17:03	03/13/20 15:57	1
Phenanthrene	<0.19		10	0.19	ug/L		03/10/20 17:03	03/13/20 15:57	1
Phenol	<2.7		10	2.7	ug/L		03/10/20 17:03	03/13/20 15:57	1
Pyrene	<0.22		10	0.22	ug/L		03/10/20 17:03	03/13/20 15:57	1
Pyridine	<3.4		10	3.4	ug/L		03/10/20 17:03	03/13/20 15:57	1
Sulfolane	<0.61	*	10	0.61	ug/L		03/10/20 17:03	03/13/20 15:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*91*		*26 - 150*	*03/10/20 17:03*	*03/13/20 15:57*	*1*
2-Fluorobiphenyl	*67*		*46 - 124*	*03/10/20 17:03*	*03/13/20 15:57*	*1*
2-Fluorophenol (Surr)	*46*		*13 - 113*	*03/10/20 17:03*	*03/13/20 15:57*	*1*
Nitrobenzene-d5 (Surr)	*67*		*36 - 126*	*03/10/20 17:03*	*03/13/20 15:57*	*1*
Phenol-d5 (Surr)	*61*		*17 - 127*	*03/10/20 17:03*	*03/13/20 15:57*	*1*
Terphenyl-d14 (Surr)	*93*		*44 - 149*	*03/10/20 17:03*	*03/13/20 15:57*	*1*

Method: 8015C - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO) -C6-C10	<47		100	47	ug/L			03/10/20 04:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene (fid)	*93*		*78 - 119*		*03/10/20 04:13*	*1*

Method: 8015C - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**180**		120	98	ug/L		03/10/20 09:50	03/11/20 16:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*88*		*40 - 140*	*03/10/20 09:50*	*03/11/20 16:19*	*1*

Client: SCS Engineers
Project/Site: Tidewater Gardens

Job ID: 400-184972-1

Client Sample ID: TMW-3
Date Collected: 03/05/20 13:00
Date Received: 03/06/20 08:50

Lab Sample ID: 400-184972-3
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.52		1.0	0.52	ug/L			03/14/20 10:56	1
1,1,1-Trichloroethane	<0.50		1.0	0.50	ug/L			03/14/20 10:56	1
1,1,2,2-Tetrachloroethane	<0.50		1.0	0.50	ug/L			03/14/20 10:56	1
1,1,2-Trichloroethane	<0.50		5.0	0.50	ug/L			03/14/20 10:56	1
1,1-Dichloroethane	<0.50		1.0	0.50	ug/L			03/14/20 10:56	1
1,1-Dichloroethene	<0.50		1.0	0.50	ug/L			03/14/20 10:56	1
1,1-Dichloropropene	<0.50		1.0	0.50	ug/L			03/14/20 10:56	1
1,2,3-Trichlorobenzene	<0.70		1.0	0.70	ug/L			03/14/20 10:56	1
1,2,3-Trichloropropane	<0.84		5.0	0.84	ug/L			03/14/20 10:56	1
1,2,4-Trichlorobenzene	<0.82		1.0	0.82	ug/L			03/14/20 10:56	1
1,2,4-Trimethylbenzene	<0.82		1.0	0.82	ug/L			03/14/20 10:56	1
1,2-Dibromo-3-Chloropropane	<1.5		5.0	1.5	ug/L			03/14/20 10:56	1
1,2-Dichlorobenzene	<0.50		1.0	0.50	ug/L			03/14/20 10:56	1
1,2-Dichloroethane	<0.50		1.0	0.50	ug/L			03/14/20 10:56	1
1,2-Dichloropropane	<0.50		1.0	0.50	ug/L			03/14/20 10:56	1
1,3,5-Trimethylbenzene	<0.56		1.0	0.56	ug/L			03/14/20 10:56	1
1,3-Dichlorobenzene	<0.54		1.0	0.54	ug/L			03/14/20 10:56	1
1,3-Dichloropropane	<0.50		1.0	0.50	ug/L			03/14/20 10:56	1
1,4-Dichlorobenzene	<0.64		1.0	0.64	ug/L			03/14/20 10:56	1
2,2-Dichloropropane	<0.50		1.0	0.50	ug/L			03/14/20 10:56	1
2-Butanone (MEK)	<2.6		25	2.6	ug/L			03/14/20 10:56	1
2-Chlorotoluene	<0.57		1.0	0.57	ug/L			03/14/20 10:56	1
2-Hexanone	<3.1		25	3.1	ug/L			03/14/20 10:56	1
4-Chlorotoluene	<0.56		1.0	0.56	ug/L			03/14/20 10:56	1
4-Isopropyltoluene	<0.71		1.0	0.71	ug/L			03/14/20 10:56	1
4-Methyl-2-pentanone (MIBK)	<1.8		25	1.8	ug/L			03/14/20 10:56	1
Acetone	<10		25	10	ug/L			03/14/20 10:56	1
Benzene	<0.38		1.0	0.38	ug/L			03/14/20 10:56	1
Bromobenzene	<0.54		1.0	0.54	ug/L			03/14/20 10:56	1
Bromoform	<0.71		5.0	0.71	ug/L			03/14/20 10:56	1
Bromomethane	<0.98		1.0	0.98	ug/L			03/14/20 10:56	1
Carbon disulfide	<0.50		1.0	0.50	ug/L			03/14/20 10:56	1
Carbon tetrachloride	<0.50		1.0	0.50	ug/L			03/14/20 10:56	1
Chlorobenzene	<0.50		1.0	0.50	ug/L			03/14/20 10:56	1
Chlorobromomethane	<0.52		1.0	0.52	ug/L			03/14/20 10:56	1
Chlorodibromomethane	<0.50		1.0	0.50	ug/L			03/14/20 10:56	1
Chloroethane	<0.76		1.0	0.76	ug/L			03/14/20 10:56	1
Chloroform	<0.60		1.0	0.60	ug/L			03/14/20 10:56	1
Chloromethane	<0.83		1.0	0.83	ug/L			03/14/20 10:56	1
cis-1,2-Dichloroethene	<0.50		1.0	0.50	ug/L			03/14/20 10:56	1
cis-1,3-Dichloropropene	<0.50		5.0	0.50	ug/L			03/14/20 10:56	1
Dibromomethane	<0.59		5.0	0.59	ug/L			03/14/20 10:56	1
Dichlorobromomethane	<0.50		1.0	0.50	ug/L			03/14/20 10:56	1
Dichlorodifluoromethane	<0.85		1.0	0.85	ug/L			03/14/20 10:56	1
Ethylbenzene	<0.50		1.0	0.50	ug/L			03/14/20 10:56	1
Ethylene Dibromide	<0.50		1.0	0.50	ug/L			03/14/20 10:56	1
Hexachlorobutadiene	<0.90		5.0	0.90	ug/L			03/14/20 10:56	1
Iodomethane	<0.90		1.0	0.90	ug/L			03/14/20 10:56	1
Isopropyl ether	<0.70		1.0	0.70	ug/L			03/14/20 10:56	1

Client Sample ID: TMW-3
Date Collected: 03/05/20 13:00
Date Received: 03/06/20 08:50

Lab Sample ID: 400-184972-3
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	**1.7**		1.0	0.53	ug/L			03/14/20 10:56	1
Methyl tert-butyl ether	<0.74		1.0	0.74	ug/L			03/14/20 10:56	1
Methylene Chloride	<3.0		5.0	3.0	ug/L			03/14/20 10:56	1
m-Xylene & p-Xylene	<1.6		5.0	1.6	ug/L			03/14/20 10:56	1
Naphthalene	**3.6**		1.0	1.0	ug/L			03/14/20 10:56	1
n-Butylbenzene	**1.1**		1.0	0.76	ug/L			03/14/20 10:56	1
N-Propylbenzene	**1.7**		1.0	0.69	ug/L			03/14/20 10:56	1
o-Xylene	<0.60		5.0	0.60	ug/L			03/14/20 10:56	1
sec-Butylbenzene	**1.8**		1.0	0.70	ug/L			03/14/20 10:56	1
Styrene	<1.0		1.0	1.0	ug/L			03/14/20 10:56	1
tert-Butylbenzene	<0.63		1.0	0.63	ug/L			03/14/20 10:56	1
Tetrachloroethene	<0.58		1.0	0.58	ug/L			03/14/20 10:56	1
Toluene	<0.41		1.0	0.41	ug/L			03/14/20 10:56	1
trans-1,2-Dichloroethene	<0.50		1.0	0.50	ug/L			03/14/20 10:56	1
trans-1,3-Dichloropropene	<0.50		5.0	0.50	ug/L			03/14/20 10:56	1
Trichloroethene	<0.50		1.0	0.50	ug/L			03/14/20 10:56	1
Trichlorofluoromethane	<0.52		1.0	0.52	ug/L			03/14/20 10:56	1
Vinyl acetate	<2.0		25	2.0	ug/L			03/14/20 10:56	1
Vinyl chloride	<0.50		1.0	0.50	ug/L			03/14/20 10:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*78 - 118*		*03/14/20 10:56*	*1*
Dibromofluoromethane	*100*		*81 - 121*		*03/14/20 10:56*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*		*03/14/20 10:56*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	<0.17		10	0.17	ug/L		03/10/20 17:03	03/13/20 16:19	1
1,2,4,5-Tetrachlorobenzene	<0.18		10	0.18	ug/L		03/10/20 17:03	03/13/20 16:19	1
1,2,4-Trichlorobenzene	<0.18		10	0.18	ug/L		03/10/20 17:03	03/13/20 16:19	1
1,2-Dichlorobenzene	<0.17		10	0.17	ug/L		03/10/20 17:03	03/13/20 16:19	1
1,3-Dichlorobenzene	<0.18		10	0.18	ug/L		03/10/20 17:03	03/13/20 16:19	1
1,3-Dinitrobenzene	<1.0		10	1.0	ug/L		03/10/20 17:03	03/13/20 16:19	1
1,4-Dichlorobenzene	<0.16		10	0.16	ug/L		03/10/20 17:03	03/13/20 16:19	1
1,4-Dioxane	<1.0		10	1.0	ug/L		03/10/20 17:03	03/13/20 16:19	1
1-Methylnaphthalene	**22**		10	0.15	ug/L		03/10/20 17:03	03/13/20 16:19	1
2,2'-oxybis(1-chloropropane)	<0.16		10	0.16	ug/L		03/10/20 17:03	03/13/20 16:19	1
2,3,4,6-Tetrachlorophenol	<1.6	*1	10	1.6	ug/L		03/10/20 17:03	03/13/20 16:19	1
2,4,5-Trichlorophenol	<3.7		10	3.7	ug/L		03/10/20 17:03	03/13/20 16:19	1
2,4,6-Trichlorophenol	<3.5	*1	10	3.5	ug/L		03/10/20 17:03	03/13/20 16:19	1
2,4-Dichlorophenol	<3.0		10	3.0	ug/L		03/10/20 17:03	03/13/20 16:19	1
2,4-Dimethylphenol	<3.5		10	3.5	ug/L		03/10/20 17:03	03/13/20 16:19	1
2,4-Dinitrophenol	<3.4		30	3.4	ug/L		03/10/20 17:03	03/13/20 16:19	1
2,4-Dinitrotoluene	<1.9		10	1.9	ug/L		03/10/20 17:03	03/13/20 16:19	1
2,6-Dinitrotoluene	<1.9		10	1.9	ug/L		03/10/20 17:03	03/13/20 16:19	1
2-Chloronaphthalene	<0.14		10	0.14	ug/L		03/10/20 17:03	03/13/20 16:19	1
2-Chlorophenol	<2.2		10	2.2	ug/L		03/10/20 17:03	03/13/20 16:19	1
2-Methylnaphthalene	**28**		10	0.13	ug/L		03/10/20 17:03	03/13/20 16:19	1
2-Methylphenol	<1.8		10	1.8	ug/L		03/10/20 17:03	03/13/20 16:19	1
2-Nitroaniline	<2.2		10	2.2	ug/L		03/10/20 17:03	03/13/20 16:19	1

Client: SCS Engineers
Project/Site: Tidewater Gardens

Job ID: 400-184972-1

Client Sample ID: TMW-3
Date Collected: 03/05/20 13:00
Date Received: 03/06/20 08:50

Lab Sample ID: 400-184972-3
Matrix: Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitrophenol	<5.2		10	5.2	ug/L		03/10/20 17:03	03/13/20 16:19	1
3 & 4 Methylphenol	<0.39		20	0.39	ug/L		03/10/20 17:03	03/13/20 16:19	1
3,3'-Dichlorobenzidine	<2.6		10	2.6	ug/L		03/10/20 17:03	03/13/20 16:19	1
3-Nitroaniline	<1.8		10	1.8	ug/L		03/10/20 17:03	03/13/20 16:19	1
4,6-Dinitro-2-methylphenol	<1.6		10	1.6	ug/L		03/10/20 17:03	03/13/20 16:19	1
4-Bromophenyl phenyl ether	<0.20		10	0.20	ug/L		03/10/20 17:03	03/13/20 16:19	1
4-Chloro-3-methylphenol	<3.8		10	3.8	ug/L		03/10/20 17:03	03/13/20 16:19	1
4-Chloroaniline	<3.4		10	3.4	ug/L		03/10/20 17:03	03/13/20 16:19	1
4-Chlorophenyl phenyl ether	<2.0		10	2.0	ug/L		03/10/20 17:03	03/13/20 16:19	1
4-Nitroaniline	<1.5		10	1.5	ug/L		03/10/20 17:03	03/13/20 16:19	1
4-Nitrophenol	<2.1		10	2.1	ug/L		03/10/20 17:03	03/13/20 16:19	1
Acenaphthene	**2.5**	**J**	10	0.16	ug/L		03/10/20 17:03	03/13/20 16:19	1
Acenaphthylene	<0.17		10	0.17	ug/L		03/10/20 17:03	03/13/20 16:19	1
Acetophenone	<0.14		10	0.14	ug/L		03/10/20 17:03	03/13/20 16:19	1
Aniline	<3.8		10	3.8	ug/L		03/10/20 17:03	03/13/20 16:19	1
Anthracene	**2.0**	**J**	10	0.18	ug/L		03/10/20 17:03	03/13/20 16:19	1
Atrazine	<0.24	*	10	0.24	ug/L		03/10/20 17:03	03/13/20 16:19	1
Azobenzene	<1.0		10	1.0	ug/L		03/10/20 17:03	03/13/20 16:19	1
Benzaldehyde	<0.42		10	0.42	ug/L		03/10/20 17:03	03/13/20 16:19	1
Benzidine	<20	*1	25	20	ug/L		03/10/20 17:03	03/13/20 16:19	1
Benzo[a]anthracene	<0.18		10	0.18	ug/L		03/10/20 17:03	03/13/20 16:19	1
Benzo[a]pyrene	<0.12	*3	10	0.12	ug/L		03/10/20 17:03	03/13/20 16:19	1
Benzo[b]fluoranthene	<0.15	*3	10	0.15	ug/L		03/10/20 17:03	03/13/20 16:19	1
Benzo[g,h,i]perylene	<0.23	*3	10	0.23	ug/L		03/10/20 17:03	03/13/20 16:19	1
Benzo[k]fluoranthene	<0.16	*3	10	0.16	ug/L		03/10/20 17:03	03/13/20 16:19	1
Benzoic acid	<7.4	*	30	7.4	ug/L		03/10/20 17:03	03/13/20 16:19	1
Benzyl alcohol	<2.0		10	2.0	ug/L		03/10/20 17:03	03/13/20 16:19	1
Bis(2-chloroethoxy)methane	<0.16		10	0.16	ug/L		03/10/20 17:03	03/13/20 16:19	1
Bis(2-chloroethyl)ether	<2.7		10	2.7	ug/L		03/10/20 17:03	03/13/20 16:19	1
Bis(2-ethylhexyl) phthalate	**9.6**	**J B**	10	5.0	ug/L		03/10/20 17:03	03/13/20 16:19	1
Butyl benzyl phthalate	<0.19		10	0.19	ug/L		03/10/20 17:03	03/13/20 16:19	1
Caprolactam	<3.8	*	10	3.8	ug/L		03/10/20 17:03	03/13/20 16:19	1
Carbazole	<0.23		10	0.23	ug/L		03/10/20 17:03	03/13/20 16:19	1
Chrysene	<0.19		10	0.19	ug/L		03/10/20 17:03	03/13/20 16:19	1
Dibenz(a,h)anthracene	<0.24	*3	10	0.24	ug/L		03/10/20 17:03	03/13/20 16:19	1
Dibenzofuran	<0.17		10	0.17	ug/L		03/10/20 17:03	03/13/20 16:19	1
Diethyl phthalate	<0.24		10	0.24	ug/L		03/10/20 17:03	03/13/20 16:19	1
Dimethyl phthalate	<0.17		10	0.17	ug/L		03/10/20 17:03	03/13/20 16:19	1
Di-n-butyl phthalate	<2.7		10	2.7	ug/L		03/10/20 17:03	03/13/20 16:19	1
Di-n-octyl phthalate	<0.17		10	0.17	ug/L		03/10/20 17:03	03/13/20 16:19	1
Fluoranthene	**2.9**	**J**	10	0.18	ug/L		03/10/20 17:03	03/13/20 16:19	1
Fluorene	**2.7**	**J**	10	0.18	ug/L		03/10/20 17:03	03/13/20 16:19	1
Hexachlorobenzene	<0.17		10	0.17	ug/L		03/10/20 17:03	03/13/20 16:19	1
Hexachlorobutadiene	<0.55		10	0.55	ug/L		03/10/20 17:03	03/13/20 16:19	1
Hexachlorocyclopentadiene	<2.6		20	2.6	ug/L		03/10/20 17:03	03/13/20 16:19	1
Hexachloroethane	<4.2		10	4.2	ug/L		03/10/20 17:03	03/13/20 16:19	1
Hexadecane	<1.0		10	1.0	ug/L		03/10/20 17:03	03/13/20 16:19	1
Indeno[1,2,3-cd]pyrene	<0.22	*3	10	0.22	ug/L		03/10/20 17:03	03/13/20 16:19	1
Isophorone	<0.14		10	0.14	ug/L		03/10/20 17:03	03/13/20 16:19	1

Client Sample ID: TMW-3
Date Collected: 03/05/20 13:00
Date Received: 03/06/20 08:50

Lab Sample ID: 400-184972-3
Matrix: Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	**2.7**	**J**	10	0.17	ug/L		03/10/20 17:03	03/13/20 16:19	1
n-Decane	<1.0		10	1.0	ug/L		03/10/20 17:03	03/13/20 16:19	1
Nitrobenzene	<0.13		10	0.13	ug/L		03/10/20 17:03	03/13/20 16:19	1
N-Nitrosodimethylamine	<3.5		10	3.5	ug/L		03/10/20 17:03	03/13/20 16:19	1
N-Nitrosodi-n-propylamine	<3.3		10	3.3	ug/L		03/10/20 17:03	03/13/20 16:19	1
N-Nitrosodiphenylamine	<0.18		10	0.18	ug/L		03/10/20 17:03	03/13/20 16:19	1
n-Octadecane	<1.0		10	1.0	ug/L		03/10/20 17:03	03/13/20 16:19	1
Pentachlorophenol	<1.4		20	1.4	ug/L		03/10/20 17:03	03/13/20 16:19	1
Phenanthrene	**3.7**	**J**	10	0.18	ug/L		03/10/20 17:03	03/13/20 16:19	1
Phenol	<2.6		10	2.6	ug/L		03/10/20 17:03	03/13/20 16:19	1
Pyrene	**0.87**	**J**	10	0.21	ug/L		03/10/20 17:03	03/13/20 16:19	1
Pyridine	<3.2		10	3.2	ug/L		03/10/20 17:03	03/13/20 16:19	1
Sulfolane	<0.59	*	10	0.59	ug/L		03/10/20 17:03	03/13/20 16:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*89*		*26 - 150*	*03/10/20 17:03*	*03/13/20 16:19*	*1*
2-Fluorobiphenyl	*62*		*46 - 124*	*03/10/20 17:03*	*03/13/20 16:19*	*1*
2-Fluorophenol (Surr)	*37*		*13 - 113*	*03/10/20 17:03*	*03/13/20 16:19*	*1*
Nitrobenzene-d5 (Surr)	*67*		*36 - 126*	*03/10/20 17:03*	*03/13/20 16:19*	*1*
Phenol-d5 (Surr)	*53*		*17 - 127*	*03/10/20 17:03*	*03/13/20 16:19*	*1*
Terphenyl-d14 (Surr)	*88*		*44 - 149*	*03/10/20 17:03*	*03/13/20 16:19*	*1*

Method: 8015C - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO) -C6-C10	**72**	**J**	100	47	ug/L			03/10/20 04:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene (fid)	*94*		*78 - 119*		*03/10/20 04:44*	*1*

Method: 8015C - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**3400**		120	99	ug/L		03/10/20 09:50	03/11/20 16:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*92*		*40 - 140*	*03/10/20 09:50*	*03/11/20 16:29*	*1*

Client: SCS Engineers
Project/Site: Tidewater Gardens

Job ID: 400-184972-1

Client Sample ID: TMW-4
Date Collected: 03/04/20 12:45
Date Received: 03/06/20 08:50

Lab Sample ID: 400-184972-4
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.52		1.0	0.52	ug/L			03/14/20 11:22	1
1,1,1-Trichloroethane	<0.50		1.0	0.50	ug/L			03/14/20 11:22	1
1,1,2,2-Tetrachloroethane	<0.50		1.0	0.50	ug/L			03/14/20 11:22	1
1,1,2-Trichloroethane	<0.50		5.0	0.50	ug/L			03/14/20 11:22	1
1,1-Dichloroethane	<0.50		1.0	0.50	ug/L			03/14/20 11:22	1
1,1-Dichloroethene	<0.50		1.0	0.50	ug/L			03/14/20 11:22	1
1,1-Dichloropropene	<0.50		1.0	0.50	ug/L			03/14/20 11:22	1
1,2,3-Trichlorobenzene	<0.70		1.0	0.70	ug/L			03/14/20 11:22	1
1,2,3-Trichloropropane	<0.84		5.0	0.84	ug/L			03/14/20 11:22	1
1,2,4-Trichlorobenzene	<0.82		1.0	0.82	ug/L			03/14/20 11:22	1
1,2,4-Trimethylbenzene	<0.82		1.0	0.82	ug/L			03/14/20 11:22	1
1,2-Dibromo-3-Chloropropane	<1.5		5.0	1.5	ug/L			03/14/20 11:22	1
1,2-Dichlorobenzene	<0.50		1.0	0.50	ug/L			03/14/20 11:22	1
1,2-Dichloroethane	<0.50		1.0	0.50	ug/L			03/14/20 11:22	1
1,2-Dichloropropane	<0.50		1.0	0.50	ug/L			03/14/20 11:22	1
1,3,5-Trimethylbenzene	<0.56		1.0	0.56	ug/L			03/14/20 11:22	1
1,3-Dichlorobenzene	<0.54		1.0	0.54	ug/L			03/14/20 11:22	1
1,3-Dichloropropane	<0.50		1.0	0.50	ug/L			03/14/20 11:22	1
1,4-Dichlorobenzene	<0.64		1.0	0.64	ug/L			03/14/20 11:22	1
2,2-Dichloropropane	<0.50		1.0	0.50	ug/L			03/14/20 11:22	1
2-Butanone (MEK)	<2.6		25	2.6	ug/L			03/14/20 11:22	1
2-Chlorotoluene	<0.57		1.0	0.57	ug/L			03/14/20 11:22	1
2-Hexanone	<3.1		25	3.1	ug/L			03/14/20 11:22	1
4-Chlorotoluene	<0.56		1.0	0.56	ug/L			03/14/20 11:22	1
4-Isopropyltoluene	<0.71		1.0	0.71	ug/L			03/14/20 11:22	1
4-Methyl-2-pentanone (MIBK)	<1.8		25	1.8	ug/L			03/14/20 11:22	1
Acetone	<10		25	10	ug/L			03/14/20 11:22	1
Benzene	<0.38		1.0	0.38	ug/L			03/14/20 11:22	1
Bromobenzene	<0.54		1.0	0.54	ug/L			03/14/20 11:22	1
Bromoform	<0.71		5.0	0.71	ug/L			03/14/20 11:22	1
Bromomethane	<0.98		1.0	0.98	ug/L			03/14/20 11:22	1
Carbon disulfide	<0.50		1.0	0.50	ug/L			03/14/20 11:22	1
Carbon tetrachloride	<0.50		1.0	0.50	ug/L			03/14/20 11:22	1
Chlorobenzene	<0.50		1.0	0.50	ug/L			03/14/20 11:22	1
Chlorobromomethane	<0.52		1.0	0.52	ug/L			03/14/20 11:22	1
Chlorodibromomethane	<0.50		1.0	0.50	ug/L			03/14/20 11:22	1
Chloroethane	<0.76		1.0	0.76	ug/L			03/14/20 11:22	1
Chloroform	<0.60		1.0	0.60	ug/L			03/14/20 11:22	1
Chloromethane	<0.83		1.0	0.83	ug/L			03/14/20 11:22	1
cis-1,2-Dichloroethene	<0.50		1.0	0.50	ug/L			03/14/20 11:22	1
cis-1,3-Dichloropropene	<0.50		5.0	0.50	ug/L			03/14/20 11:22	1
Dibromomethane	<0.59		5.0	0.59	ug/L			03/14/20 11:22	1
Dichlorobromomethane	<0.50		1.0	0.50	ug/L			03/14/20 11:22	1
Dichlorodifluoromethane	<0.85		1.0	0.85	ug/L			03/14/20 11:22	1
Ethylbenzene	<0.50		1.0	0.50	ug/L			03/14/20 11:22	1
Ethylene Dibromide	<0.50		1.0	0.50	ug/L			03/14/20 11:22	1
Hexachlorobutadiene	<0.90		5.0	0.90	ug/L			03/14/20 11:22	1
Iodomethane	<0.90		1.0	0.90	ug/L			03/14/20 11:22	1
Isopropyl ether	<0.70		1.0	0.70	ug/L			03/14/20 11:22	1

Client Sample ID: TMW-4
Date Collected: 03/04/20 12:45
Date Received: 03/06/20 08:50

Lab Sample ID: 400-184972-4
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	<0.53		1.0	0.53	ug/L			03/14/20 11:22	1
Methyl tert-butyl ether	<0.74		1.0	0.74	ug/L			03/14/20 11:22	1
Methylene Chloride	<3.0		5.0	3.0	ug/L			03/14/20 11:22	1
m-Xylene & p-Xylene	<1.6		5.0	1.6	ug/L			03/14/20 11:22	1
Naphthalene	<1.0		1.0	1.0	ug/L			03/14/20 11:22	1
n-Butylbenzene	<0.76		1.0	0.76	ug/L			03/14/20 11:22	1
N-Propylbenzene	<0.69		1.0	0.69	ug/L			03/14/20 11:22	1
o-Xylene	<0.60		5.0	0.60	ug/L			03/14/20 11:22	1
sec-Butylbenzene	<0.70		1.0	0.70	ug/L			03/14/20 11:22	1
Styrene	<1.0		1.0	1.0	ug/L			03/14/20 11:22	1
tert-Butylbenzene	<0.63		1.0	0.63	ug/L			03/14/20 11:22	1
Tetrachloroethene	<0.58		1.0	0.58	ug/L			03/14/20 11:22	1
Toluene	<0.41		1.0	0.41	ug/L			03/14/20 11:22	1
trans-1,2-Dichloroethene	<0.50		1.0	0.50	ug/L			03/14/20 11:22	1
trans-1,3-Dichloropropene	<0.50		5.0	0.50	ug/L			03/14/20 11:22	1
Trichloroethene	<0.50		1.0	0.50	ug/L			03/14/20 11:22	1
Trichlorofluoromethane	<0.52		1.0	0.52	ug/L			03/14/20 11:22	1
Vinyl acetate	<2.0		25	2.0	ug/L			03/14/20 11:22	1
Vinyl chloride	<0.50		1.0	0.50	ug/L			03/14/20 11:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*78 - 118*		*03/14/20 11:22*	*1*
Dibromofluoromethane	*98*		*81 - 121*		*03/14/20 11:22*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*03/14/20 11:22*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	<0.18		10	0.18	ug/L		03/10/20 17:03	03/13/20 16:40	1
1,2,4,5-Tetrachlorobenzene	<0.19		10	0.19	ug/L		03/10/20 17:03	03/13/20 16:40	1
1,2,4-Trichlorobenzene	<0.19		10	0.19	ug/L		03/10/20 17:03	03/13/20 16:40	1
1,2-Dichlorobenzene	<0.18		10	0.18	ug/L		03/10/20 17:03	03/13/20 16:40	1
1,3-Dichlorobenzene	<0.19		10	0.19	ug/L		03/10/20 17:03	03/13/20 16:40	1
1,3-Dinitrobenzene	<1.0		10	1.0	ug/L		03/10/20 17:03	03/13/20 16:40	1
1,4-Dichlorobenzene	<0.17		10	0.17	ug/L		03/10/20 17:03	03/13/20 16:40	1
1,4-Dioxane	<1.0		10	1.0	ug/L		03/10/20 17:03	03/13/20 16:40	1
1-Methylnaphthalene	<0.16		10	0.16	ug/L		03/10/20 17:03	03/13/20 16:40	1
2,2'-oxybis(1-chloropropane)	<0.17		10	0.17	ug/L		03/10/20 17:03	03/13/20 16:40	1
2,3,4,6-Tetrachlorophenol	<1.7	*1	10	1.7	ug/L		03/10/20 17:03	03/13/20 16:40	1
2,4,5-Trichlorophenol	<3.8		10	3.8	ug/L		03/10/20 17:03	03/13/20 16:40	1
2,4,6-Trichlorophenol	<3.6	*1	10	3.6	ug/L		03/10/20 17:03	03/13/20 16:40	1
2,4-Dichlorophenol	<3.1		10	3.1	ug/L		03/10/20 17:03	03/13/20 16:40	1
2,4-Dimethylphenol	<3.6		10	3.6	ug/L		03/10/20 17:03	03/13/20 16:40	1
2,4-Dinitrophenol	<3.5		31	3.5	ug/L		03/10/20 17:03	03/13/20 16:40	1
2,4-Dinitrotoluene	<2.0		10	2.0	ug/L		03/10/20 17:03	03/13/20 16:40	1
2,6-Dinitrotoluene	<2.0		10	2.0	ug/L		03/10/20 17:03	03/13/20 16:40	1
2-Chloronaphthalene	<0.15		10	0.15	ug/L		03/10/20 17:03	03/13/20 16:40	1
2-Chlorophenol	<2.3		10	2.3	ug/L		03/10/20 17:03	03/13/20 16:40	1
2-Methylnaphthalene	<0.14		10	0.14	ug/L		03/10/20 17:03	03/13/20 16:40	1
2-Methylphenol	<1.9		10	1.9	ug/L		03/10/20 17:03	03/13/20 16:40	1
2-Nitroaniline	<2.3		10	2.3	ug/L		03/10/20 17:03	03/13/20 16:40	1

Client: SCS Engineers
Project/Site: Tidewater Gardens

Job ID: 400-184972-1

Client Sample ID: TMW-4
Date Collected: 03/04/20 12:45
Date Received: 03/06/20 08:50

Lab Sample ID: 400-184972-4
Matrix: Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitrophenol	<5.4		10	5.4	ug/L		03/10/20 17:03	03/13/20 16:40	1
3 & 4 Methylphenol	<0.41		21	0.41	ug/L		03/10/20 17:03	03/13/20 16:40	1
3,3'-Dichlorobenzidine	<2.7		10	2.7	ug/L		03/10/20 17:03	03/16/20 17:16	1
3-Nitroaniline	<1.9		10	1.9	ug/L		03/10/20 17:03	03/13/20 16:40	1
4,6-Dinitro-2-methylphenol	<1.7		10	1.7	ug/L		03/10/20 17:03	03/13/20 16:40	1
4-Bromophenyl phenyl ether	<0.21		10	0.21	ug/L		03/10/20 17:03	03/13/20 16:40	1
4-Chloro-3-methylphenol	<4.0		10	4.0	ug/L		03/10/20 17:03	03/13/20 16:40	1
4-Chloroaniline	<3.5		10	3.5	ug/L		03/10/20 17:03	03/13/20 16:40	1
4-Chlorophenyl phenyl ether	<2.1		10	2.1	ug/L		03/10/20 17:03	03/13/20 16:40	1
4-Nitroaniline	<1.6		10	1.6	ug/L		03/10/20 17:03	03/13/20 16:40	1
4-Nitrophenol	<2.2		10	2.2	ug/L		03/10/20 17:03	03/13/20 16:40	1
Acenaphthene	<0.17		10	0.17	ug/L		03/10/20 17:03	03/13/20 16:40	1
Acenaphthylene	<0.18		10	0.18	ug/L		03/10/20 17:03	03/13/20 16:40	1
Acetophenone	<0.15		10	0.15	ug/L		03/10/20 17:03	03/13/20 16:40	1
Aniline	<4.0		10	4.0	ug/L		03/10/20 17:03	03/13/20 16:40	1
Anthracene	<0.19		10	0.19	ug/L		03/10/20 17:03	03/13/20 16:40	1
Atrazine	<0.25	*	10	0.25	ug/L		03/10/20 17:03	03/13/20 16:40	1
Azobenzene	<1.0		10	1.0	ug/L		03/10/20 17:03	03/13/20 16:40	1
Benzaldehyde	<0.44		10	0.44	ug/L		03/10/20 17:03	03/13/20 16:40	1
Benzidine	<21	*1	26	21	ug/L		03/10/20 17:03	03/16/20 17:16	1
Benzo[a]anthracene	<0.19		10	0.19	ug/L		03/10/20 17:03	03/16/20 17:16	1
Benzo[a]pyrene	<0.12		10	0.12	ug/L		03/10/20 17:03	03/16/20 17:16	1
Benzo[b]fluoranthene	<0.16		10	0.16	ug/L		03/10/20 17:03	03/16/20 17:16	1
Benzo[g,h,i]perylene	<0.24		10	0.24	ug/L		03/10/20 17:03	03/16/20 17:16	1
Benzo[k]fluoranthene	<0.17		10	0.17	ug/L		03/10/20 17:03	03/16/20 17:16	1
Benzoic acid	<7.6	*	31	7.6	ug/L		03/10/20 17:03	03/13/20 16:40	1
Benzyl alcohol	<2.1		10	2.1	ug/L		03/10/20 17:03	03/13/20 16:40	1
Bis(2-chloroethoxy)methane	<0.17		10	0.17	ug/L		03/10/20 17:03	03/13/20 16:40	1
Bis(2-chloroethyl)ether	<2.8		10	2.8	ug/L		03/10/20 17:03	03/13/20 16:40	1
Bis(2-ethylhexyl) phthalate	**10**	**B**	10	5.2	ug/L		03/10/20 17:03	03/17/20 16:25	1
Butyl benzyl phthalate	<0.20		10	0.20	ug/L		03/10/20 17:03	03/16/20 17:16	1
Caprolactam	<4.0	*	10	4.0	ug/L		03/10/20 17:03	03/13/20 16:40	1
Carbazole	<0.24		10	0.24	ug/L		03/10/20 17:03	03/13/20 16:40	1
Chrysene	<0.20		10	0.20	ug/L		03/10/20 17:03	03/16/20 17:16	1
Dibenz(a,h)anthracene	<0.25		10	0.25	ug/L		03/10/20 17:03	03/16/20 17:16	1
Dibenzofuran	<0.18		10	0.18	ug/L		03/10/20 17:03	03/13/20 16:40	1
Diethyl phthalate	<0.25		10	0.25	ug/L		03/10/20 17:03	03/13/20 16:40	1
Dimethyl phthalate	<0.18		10	0.18	ug/L		03/10/20 17:03	03/13/20 16:40	1
Di-n-butyl phthalate	<2.8		10	2.8	ug/L		03/10/20 17:03	03/13/20 16:40	1
Di-n-octyl phthalate	<0.18		10	0.18	ug/L		03/10/20 17:03	03/16/20 17:16	1
Fluoranthene	<0.19		10	0.19	ug/L		03/10/20 17:03	03/13/20 16:40	1
Fluorene	<0.19		10	0.19	ug/L		03/10/20 17:03	03/13/20 16:40	1
Hexachlorobenzene	<0.18		10	0.18	ug/L		03/10/20 17:03	03/13/20 16:40	1
Hexachlorobutadiene	<0.57		10	0.57	ug/L		03/10/20 17:03	03/13/20 16:40	1
Hexachlorocyclopentadiene	<2.7		21	2.7	ug/L		03/10/20 17:03	03/13/20 16:40	1
Hexachloroethane	<4.4		10	4.4	ug/L		03/10/20 17:03	03/13/20 16:40	1
Hexadecane	<1.0		10	1.0	ug/L		03/10/20 17:03	03/13/20 16:40	1
Indeno[1,2,3-cd]pyrene	<0.23		10	0.23	ug/L		03/10/20 17:03	03/16/20 17:16	1
Isophorone	<0.15		10	0.15	ug/L		03/10/20 17:03	03/13/20 16:40	1

Client: SCS Engineers
Project/Site: Tidewater Gardens

Job ID: 400-184972-1

Client Sample ID: TMW-4

Date Collected: 03/04/20 12:45
Date Received: 03/06/20 08:50

Lab Sample ID: 400-184972-4

Matrix: Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	<0.18		10	0.18	ug/L		03/10/20 17:03	03/13/20 16:40	1
n-Decane	<1.0		10	1.0	ug/L		03/10/20 17:03	03/13/20 16:40	1
Nitrobenzene	<0.14		10	0.14	ug/L		03/10/20 17:03	03/13/20 16:40	1
N-Nitrosodimethylamine	<3.6		10	3.6	ug/L		03/10/20 17:03	03/13/20 16:40	1
N-Nitrosodi-n-propylamine	<3.4		10	3.4	ug/L		03/10/20 17:03	03/13/20 16:40	1
N-Nitrosodiphenylamine	<0.19		10	0.19	ug/L		03/10/20 17:03	03/13/20 16:40	1
n-Octadecane	<1.0		10	1.0	ug/L		03/10/20 17:03	03/13/20 16:40	1
Pentachlorophenol	<1.5		21	1.5	ug/L		03/10/20 17:03	03/13/20 16:40	1
Phenanthrene	<0.19		10	0.19	ug/L		03/10/20 17:03	03/13/20 16:40	1
Phenol	<2.7		10	2.7	ug/L		03/10/20 17:03	03/13/20 16:40	1
Pyrene	**0.48**	**J**	10	0.22	ug/L		03/10/20 17:03	03/16/20 17:16	1
Pyridine	<3.3		10	3.3	ug/L		03/10/20 17:03	03/13/20 16:40	1
Sulfolane	<0.60	*	10	0.60	ug/L		03/10/20 17:03	03/13/20 16:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*109*		*26 - 150*	*03/10/20 17:03*	*03/16/20 17:16*	*1*
2-Fluorobiphenyl	*88*		*46 - 124*	*03/10/20 17:03*	*03/16/20 17:16*	*1*
2-Fluorophenol (Surr)	*71*		*13 - 113*	*03/10/20 17:03*	*03/16/20 17:16*	*1*
Nitrobenzene-d5 (Surr)	*95*		*36 - 126*	*03/10/20 17:03*	*03/16/20 17:16*	*1*
Phenol-d5 (Surr)	*92*		*17 - 127*	*03/10/20 17:03*	*03/16/20 17:16*	*1*
Terphenyl-d14 (Surr)	*115*		*44 - 149*	*03/10/20 17:03*	*03/16/20 17:16*	*1*

Method: 8015C - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO) -C6-C10	<47		100	47	ug/L			03/10/20 05:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene (fid)	*94*		*78 - 119*		*03/10/20 05:15*	*1*

Method: 8015C - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	<100		130	100	ug/L		03/10/20 09:50	03/11/20 16:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*91*		*40 - 140*	*03/10/20 09:50*	*03/11/20 16:49*	*1*

Client: SCS Engineers
Project/Site: Tidewater Gardens

Job ID: 400-184972-1

Client Sample ID: TMW-5
Date Collected: 03/04/20 14:40
Date Received: 03/06/20 08:50

Lab Sample ID: 400-184972-5
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.52		1.0	0.52	ug/L			03/14/20 11:48	1
1,1,1-Trichloroethane	<0.50		1.0	0.50	ug/L			03/14/20 11:48	1
1,1,2,2-Tetrachloroethane	<0.50		1.0	0.50	ug/L			03/14/20 11:48	1
1,1,2-Trichloroethane	<0.50		5.0	0.50	ug/L			03/14/20 11:48	1
1,1-Dichloroethane	<0.50		1.0	0.50	ug/L			03/14/20 11:48	1
1,1-Dichloroethene	<0.50		1.0	0.50	ug/L			03/14/20 11:48	1
1,1-Dichloropropene	<0.50		1.0	0.50	ug/L			03/14/20 11:48	1
1,2,3-Trichlorobenzene	<0.70		1.0	0.70	ug/L			03/14/20 11:48	1
1,2,3-Trichloropropane	<0.84		5.0	0.84	ug/L			03/14/20 11:48	1
1,2,4-Trichlorobenzene	<0.82		1.0	0.82	ug/L			03/14/20 11:48	1
1,2,4-Trimethylbenzene	<0.82		1.0	0.82	ug/L			03/14/20 11:48	1
1,2-Dibromo-3-Chloropropane	<1.5		5.0	1.5	ug/L			03/14/20 11:48	1
1,2-Dichlorobenzene	<0.50		1.0	0.50	ug/L			03/14/20 11:48	1
1,2-Dichloroethane	<0.50		1.0	0.50	ug/L			03/14/20 11:48	1
1,2-Dichloropropane	<0.50		1.0	0.50	ug/L			03/14/20 11:48	1
1,3,5-Trimethylbenzene	<0.56		1.0	0.56	ug/L			03/14/20 11:48	1
1,3-Dichlorobenzene	<0.54		1.0	0.54	ug/L			03/14/20 11:48	1
1,3-Dichloropropane	<0.50		1.0	0.50	ug/L			03/14/20 11:48	1
1,4-Dichlorobenzene	<0.64		1.0	0.64	ug/L			03/14/20 11:48	1
2,2-Dichloropropane	<0.50		1.0	0.50	ug/L			03/14/20 11:48	1
2-Butanone (MEK)	<2.6		25	2.6	ug/L			03/14/20 11:48	1
2-Chlorotoluene	<0.57		1.0	0.57	ug/L			03/14/20 11:48	1
2-Hexanone	<3.1		25	3.1	ug/L			03/14/20 11:48	1
4-Chlorotoluene	<0.56		1.0	0.56	ug/L			03/14/20 11:48	1
4-Isopropyltoluene	<0.71		1.0	0.71	ug/L			03/14/20 11:48	1
4-Methyl-2-pentanone (MIBK)	<1.8		25	1.8	ug/L			03/14/20 11:48	1
Acetone	<10		25	10	ug/L			03/14/20 11:48	1
Benzene	<0.38		1.0	0.38	ug/L			03/14/20 11:48	1
Bromobenzene	<0.54		1.0	0.54	ug/L			03/14/20 11:48	1
Bromoform	<0.71		5.0	0.71	ug/L			03/14/20 11:48	1
Bromomethane	<0.98		1.0	0.98	ug/L			03/14/20 11:48	1
Carbon disulfide	<0.50		1.0	0.50	ug/L			03/14/20 11:48	1
Carbon tetrachloride	<0.50		1.0	0.50	ug/L			03/14/20 11:48	1
Chlorobenzene	<0.50		1.0	0.50	ug/L			03/14/20 11:48	1
Chlorobromomethane	<0.52		1.0	0.52	ug/L			03/14/20 11:48	1
Chlorodibromomethane	<0.50		1.0	0.50	ug/L			03/14/20 11:48	1
Chloroethane	<0.76		1.0	0.76	ug/L			03/14/20 11:48	1
Chloroform	<0.60		1.0	0.60	ug/L			03/14/20 11:48	1
Chloromethane	<0.83		1.0	0.83	ug/L			03/14/20 11:48	1
cis-1,2-Dichloroethene	<0.50		1.0	0.50	ug/L			03/14/20 11:48	1
cis-1,3-Dichloropropene	<0.50		5.0	0.50	ug/L			03/14/20 11:48	1
Dibromomethane	<0.59		5.0	0.59	ug/L			03/14/20 11:48	1
Dichlorobromomethane	<0.50		1.0	0.50	ug/L			03/14/20 11:48	1
Dichlorodifluoromethane	<0.85		1.0	0.85	ug/L			03/14/20 11:48	1
Ethylbenzene	<0.50		1.0	0.50	ug/L			03/14/20 11:48	1
Ethylene Dibromide	<0.50		1.0	0.50	ug/L			03/14/20 11:48	1
Hexachlorobutadiene	<0.90		5.0	0.90	ug/L			03/14/20 11:48	1
Iodomethane	<0.90		1.0	0.90	ug/L			03/14/20 11:48	1
Isopropyl ether	<0.70		1.0	0.70	ug/L			03/14/20 11:48	1

Client Sample ID: TMW-5
Date Collected: 03/04/20 14:40
Date Received: 03/06/20 08:50

Lab Sample ID: 400-184972-5
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	<0.53		1.0	0.53	ug/L			03/14/20 11:48	1
Methyl tert-butyl ether	<0.74		1.0	0.74	ug/L			03/14/20 11:48	1
Methylene Chloride	<3.0		5.0	3.0	ug/L			03/14/20 11:48	1
m-Xylene & p-Xylene	<1.6		5.0	1.6	ug/L			03/14/20 11:48	1
Naphthalene	<1.0		1.0	1.0	ug/L			03/14/20 11:48	1
n-Butylbenzene	<0.76		1.0	0.76	ug/L			03/14/20 11:48	1
N-Propylbenzene	<0.69		1.0	0.69	ug/L			03/14/20 11:48	1
o-Xylene	<0.60		5.0	0.60	ug/L			03/14/20 11:48	1
sec-Butylbenzene	<0.70		1.0	0.70	ug/L			03/14/20 11:48	1
Styrene	<1.0		1.0	1.0	ug/L			03/14/20 11:48	1
tert-Butylbenzene	<0.63		1.0	0.63	ug/L			03/14/20 11:48	1
Tetrachloroethene	<0.58		1.0	0.58	ug/L			03/14/20 11:48	1
Toluene	<0.41		1.0	0.41	ug/L			03/14/20 11:48	1
trans-1,2-Dichloroethene	<0.50		1.0	0.50	ug/L			03/14/20 11:48	1
trans-1,3-Dichloropropene	<0.50		5.0	0.50	ug/L			03/14/20 11:48	1
Trichloroethene	<0.50		1.0	0.50	ug/L			03/14/20 11:48	1
Trichlorofluoromethane	<0.52		1.0	0.52	ug/L			03/14/20 11:48	1
Vinyl acetate	<2.0		25	2.0	ug/L			03/14/20 11:48	1
Vinyl chloride	<0.50		1.0	0.50	ug/L			03/14/20 11:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*78 - 118*		*03/14/20 11:48*	*1*
Dibromofluoromethane	*99*		*81 - 121*		*03/14/20 11:48*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*03/14/20 11:48*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	**1.2**	**J**	10	0.17	ug/L		03/10/20 17:03	03/13/20 17:01	1
1,2,4,5-Tetrachlorobenzene	<0.18		10	0.18	ug/L		03/10/20 17:03	03/13/20 17:01	1
1,2,4-Trichlorobenzene	<0.18		10	0.18	ug/L		03/10/20 17:03	03/13/20 17:01	1
1,2-Dichlorobenzene	<0.17		10	0.17	ug/L		03/10/20 17:03	03/13/20 17:01	1
1,3-Dichlorobenzene	<0.18		10	0.18	ug/L		03/10/20 17:03	03/13/20 17:01	1
1,3-Dinitrobenzene	<1.0		10	1.0	ug/L		03/10/20 17:03	03/13/20 17:01	1
1,4-Dichlorobenzene	<0.16		10	0.16	ug/L		03/10/20 17:03	03/13/20 17:01	1
1,4-Dioxane	<1.0		10	1.0	ug/L		03/10/20 17:03	03/13/20 17:01	1
1-Methylnaphthalene	<0.15		10	0.15	ug/L		03/10/20 17:03	03/13/20 17:01	1
2,2'-oxybis(1-chloropropane)	<0.16		10	0.16	ug/L		03/10/20 17:03	03/13/20 17:01	1
2,3,4,6-Tetrachlorophenol	<1.6	*1	10	1.6	ug/L		03/10/20 17:03	03/13/20 17:01	1
2,4,5-Trichlorophenol	<3.7		10	3.7	ug/L		03/10/20 17:03	03/13/20 17:01	1
2,4,6-Trichlorophenol	<3.5	*1	10	3.5	ug/L		03/10/20 17:03	03/13/20 17:01	1
2,4-Dichlorophenol	<3.0		10	3.0	ug/L		03/10/20 17:03	03/13/20 17:01	1
2,4-Dimethylphenol	<3.5		10	3.5	ug/L		03/10/20 17:03	03/13/20 17:01	1
2,4-Dinitrophenol	<3.4		30	3.4	ug/L		03/10/20 17:03	03/13/20 17:01	1
2,4-Dinitrotoluene	<1.9		10	1.9	ug/L		03/10/20 17:03	03/13/20 17:01	1
2,6-Dinitrotoluene	<1.9		10	1.9	ug/L		03/10/20 17:03	03/13/20 17:01	1
2-Chloronaphthalene	<0.14		10	0.14	ug/L		03/10/20 17:03	03/13/20 17:01	1
2-Chlorophenol	<2.2		10	2.2	ug/L		03/10/20 17:03	03/13/20 17:01	1
2-Methylnaphthalene	<0.13		10	0.13	ug/L		03/10/20 17:03	03/13/20 17:01	1
2-Methylphenol	<1.8		10	1.8	ug/L		03/10/20 17:03	03/13/20 17:01	1
2-Nitroaniline	<2.2		10	2.2	ug/L		03/10/20 17:03	03/13/20 17:01	1

Client: SCS Engineers
Project/Site: Tidewater Gardens

Job ID: 400-184972-1

Client Sample ID: TMW-5
Date Collected: 03/04/20 14:40
Date Received: 03/06/20 08:50

Lab Sample ID: 400-184972-5
Matrix: Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitrophenol	<5.2		10	5.2	ug/L		03/10/20 17:03	03/13/20 17:01	1
3 & 4 Methylphenol	<0.39		20	0.39	ug/L		03/10/20 17:03	03/13/20 17:01	1
3,3'-Dichlorobenzidine	<2.6		10	2.6	ug/L		03/10/20 17:03	03/13/20 17:01	1
3-Nitroaniline	<1.8		10	1.8	ug/L		03/10/20 17:03	03/13/20 17:01	1
4,6-Dinitro-2-methylphenol	<1.6		10	1.6	ug/L		03/10/20 17:03	03/13/20 17:01	1
4-Bromophenyl phenyl ether	<0.20		10	0.20	ug/L		03/10/20 17:03	03/13/20 17:01	1
4-Chloro-3-methylphenol	<3.8		10	3.8	ug/L		03/10/20 17:03	03/13/20 17:01	1
4-Chloroaniline	<3.4		10	3.4	ug/L		03/10/20 17:03	03/13/20 17:01	1
4-Chlorophenyl phenyl ether	<2.0		10	2.0	ug/L		03/10/20 17:03	03/13/20 17:01	1
4-Nitroaniline	<1.5		10	1.5	ug/L		03/10/20 17:03	03/13/20 17:01	1
4-Nitrophenol	<2.1		10	2.1	ug/L		03/10/20 17:03	03/13/20 17:01	1
Acenaphthene	<0.16		10	0.16	ug/L		03/10/20 17:03	03/13/20 17:01	1
Acenaphthylene	<0.17		10	0.17	ug/L		03/10/20 17:03	03/13/20 17:01	1
Acetophenone	<0.14		10	0.14	ug/L		03/10/20 17:03	03/13/20 17:01	1
Aniline	<3.8		10	3.8	ug/L		03/10/20 17:03	03/13/20 17:01	1
Anthracene	<0.18		10	0.18	ug/L		03/10/20 17:03	03/13/20 17:01	1
Atrazine	<0.24	*	10	0.24	ug/L		03/10/20 17:03	03/13/20 17:01	1
Azobenzene	<1.0		10	1.0	ug/L		03/10/20 17:03	03/13/20 17:01	1
Benzaldehyde	<0.42		10	0.42	ug/L		03/10/20 17:03	03/13/20 17:01	1
Benzidine	<20	*1	25	20	ug/L		03/10/20 17:03	03/13/20 17:01	1
Benzo[a]anthracene	<0.18		10	0.18	ug/L		03/10/20 17:03	03/13/20 17:01	1
Benzo[a]pyrene	<0.12	*3	10	0.12	ug/L		03/10/20 17:03	03/13/20 17:01	1
Benzo[b]fluoranthene	<0.15	*3	10	0.15	ug/L		03/10/20 17:03	03/13/20 17:01	1
Benzo[g,h,i]perylene	<0.23	*3	10	0.23	ug/L		03/10/20 17:03	03/13/20 17:01	1
Benzo[k]fluoranthene	<0.16	*3	10	0.16	ug/L		03/10/20 17:03	03/13/20 17:01	1
Benzoic acid	<7.3	*	30	7.3	ug/L		03/10/20 17:03	03/13/20 17:01	1
Benzyl alcohol	<2.0		10	2.0	ug/L		03/10/20 17:03	03/13/20 17:01	1
Bis(2-chloroethoxy)methane	<0.16		10	0.16	ug/L		03/10/20 17:03	03/13/20 17:01	1
Bis(2-chloroethyl)ether	<2.7		10	2.7	ug/L		03/10/20 17:03	03/13/20 17:01	1
Bis(2-ethylhexyl) phthalate	**9.3**	**J B**	10	5.0	ug/L		03/10/20 17:03	03/13/20 17:01	1
Butyl benzyl phthalate	<0.19		10	0.19	ug/L		03/10/20 17:03	03/13/20 17:01	1
Caprolactam	<3.8	*	10	3.8	ug/L		03/10/20 17:03	03/13/20 17:01	1
Carbazole	<0.23		10	0.23	ug/L		03/10/20 17:03	03/13/20 17:01	1
Chrysene	<0.19		10	0.19	ug/L		03/10/20 17:03	03/13/20 17:01	1
Dibenz(a,h)anthracene	<0.24	*3	10	0.24	ug/L		03/10/20 17:03	03/13/20 17:01	1
Dibenzofuran	<0.17		10	0.17	ug/L		03/10/20 17:03	03/13/20 17:01	1
Diethyl phthalate	<0.24		10	0.24	ug/L		03/10/20 17:03	03/13/20 17:01	1
Dimethyl phthalate	<0.17		10	0.17	ug/L		03/10/20 17:03	03/13/20 17:01	1
Di-n-butyl phthalate	**2.7**	**J**	10	2.7	ug/L		03/10/20 17:03	03/13/20 17:01	1
Di-n-octyl phthalate	<0.17		10	0.17	ug/L		03/10/20 17:03	03/13/20 17:01	1
Fluoranthene	<0.18		10	0.18	ug/L		03/10/20 17:03	03/13/20 17:01	1
Fluorene	<0.18		10	0.18	ug/L		03/10/20 17:03	03/13/20 17:01	1
Hexachlorobenzene	<0.17		10	0.17	ug/L		03/10/20 17:03	03/13/20 17:01	1
Hexachlorobutadiene	<0.55		10	0.55	ug/L		03/10/20 17:03	03/13/20 17:01	1
Hexachlorocyclopentadiene	<2.6		20	2.6	ug/L		03/10/20 17:03	03/13/20 17:01	1
Hexachloroethane	<4.2		10	4.2	ug/L		03/10/20 17:03	03/13/20 17:01	1
Hexadecane	<1.0		10	1.0	ug/L		03/10/20 17:03	03/13/20 17:01	1
Indeno[1,2,3-cd]pyrene	<0.22	*3	10	0.22	ug/L		03/10/20 17:03	03/13/20 17:01	1
Isophorone	<0.14		10	0.14	ug/L		03/10/20 17:03	03/13/20 17:01	1

Client Sample ID: TMW-5
Date Collected: 03/04/20 14:40
Date Received: 03/06/20 08:50

Lab Sample ID: 400-184972-5
Matrix: Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	<0.17		10	0.17	ug/L		03/10/20 17:03	03/13/20 17:01	1
n-Decane	<1.0		10	1.0	ug/L		03/10/20 17:03	03/13/20 17:01	1
Nitrobenzene	<0.13		10	0.13	ug/L		03/10/20 17:03	03/13/20 17:01	1
N-Nitrosodimethylamine	<3.5		10	3.5	ug/L		03/10/20 17:03	03/13/20 17:01	1
N-Nitrosodi-n-propylamine	<3.3		10	3.3	ug/L		03/10/20 17:03	03/13/20 17:01	1
N-Nitrosodiphenylamine	<0.18		10	0.18	ug/L		03/10/20 17:03	03/13/20 17:01	1
n-Octadecane	<1.0		10	1.0	ug/L		03/10/20 17:03	03/13/20 17:01	1
Pentachlorophenol	<1.4		20	1.4	ug/L		03/10/20 17:03	03/13/20 17:01	1
Phenanthrene	<0.18		10	0.18	ug/L		03/10/20 17:03	03/13/20 17:01	1
Phenol	<2.6		10	2.6	ug/L		03/10/20 17:03	03/13/20 17:01	1
Pyrene	<0.21		10	0.21	ug/L		03/10/20 17:03	03/13/20 17:01	1
Pyridine	<3.2		10	3.2	ug/L		03/10/20 17:03	03/13/20 17:01	1
Sulfolane	<0.58	*	10	0.58	ug/L		03/10/20 17:03	03/13/20 17:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*96*		*26 - 150*	*03/10/20 17:03*	*03/13/20 17:01*	*1*
2-Fluorobiphenyl	*66*		*46 - 124*	*03/10/20 17:03*	*03/13/20 17:01*	*1*
2-Fluorophenol (Surr)	*46*		*13 - 113*	*03/10/20 17:03*	*03/13/20 17:01*	*1*
Nitrobenzene-d5 (Surr)	*69*		*36 - 126*	*03/10/20 17:03*	*03/13/20 17:01*	*1*
Phenol-d5 (Surr)	*61*		*17 - 127*	*03/10/20 17:03*	*03/13/20 17:01*	*1*
Terphenyl-d14 (Surr)	*97*		*44 - 149*	*03/10/20 17:03*	*03/13/20 17:01*	*1*

Method: 8015C - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO) -C6-C10	<47		100	47	ug/L			03/10/20 17:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene (fid)	*107*		*78 - 119*		*03/10/20 17:03*	*1*

Method: 8015C - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**140**		120	94	ug/L		03/10/20 09:50	03/11/20 16:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*85*		*40 - 140*	*03/10/20 09:50*	*03/11/20 16:59*	*1*

Client: SCS Engineers
Project/Site: Tidewater Gardens

Job ID: 400-184972-1

Client Sample ID: TMW-6
Date Collected: 03/04/20 15:20
Date Received: 03/06/20 08:50

Lab Sample ID: 400-184972-6
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.52		1.0	0.52	ug/L			03/14/20 12:13	1
1,1,1-Trichloroethane	<0.50		1.0	0.50	ug/L			03/14/20 12:13	1
1,1,2,2-Tetrachloroethane	<0.50		1.0	0.50	ug/L			03/14/20 12:13	1
1,1,2-Trichloroethane	<0.50		5.0	0.50	ug/L			03/14/20 12:13	1
1,1-Dichloroethane	<0.50		1.0	0.50	ug/L			03/14/20 12:13	1
1,1-Dichloroethene	<0.50		1.0	0.50	ug/L			03/14/20 12:13	1
1,1-Dichloropropene	<0.50		1.0	0.50	ug/L			03/14/20 12:13	1
1,2,3-Trichlorobenzene	<0.70		1.0	0.70	ug/L			03/14/20 12:13	1
1,2,3-Trichloropropane	<0.84		5.0	0.84	ug/L			03/14/20 12:13	1
1,2,4-Trichlorobenzene	<0.82		1.0	0.82	ug/L			03/14/20 12:13	1
1,2,4-Trimethylbenzene	<0.82		1.0	0.82	ug/L			03/14/20 12:13	1
1,2-Dibromo-3-Chloropropane	<1.5		5.0	1.5	ug/L			03/14/20 12:13	1
1,2-Dichlorobenzene	<0.50		1.0	0.50	ug/L			03/14/20 12:13	1
1,2-Dichloroethane	<0.50		1.0	0.50	ug/L			03/14/20 12:13	1
1,2-Dichloropropane	<0.50		1.0	0.50	ug/L			03/14/20 12:13	1
1,3,5-Trimethylbenzene	<0.56		1.0	0.56	ug/L			03/14/20 12:13	1
1,3-Dichlorobenzene	<0.54		1.0	0.54	ug/L			03/14/20 12:13	1
1,3-Dichloropropane	<0.50		1.0	0.50	ug/L			03/14/20 12:13	1
1,4-Dichlorobenzene	<0.64		1.0	0.64	ug/L			03/14/20 12:13	1
2,2-Dichloropropane	<0.50		1.0	0.50	ug/L			03/14/20 12:13	1
2-Butanone (MEK)	<2.6		25	2.6	ug/L			03/14/20 12:13	1
2-Chlorotoluene	<0.57		1.0	0.57	ug/L			03/14/20 12:13	1
2-Hexanone	<3.1		25	3.1	ug/L			03/14/20 12:13	1
4-Chlorotoluene	<0.56		1.0	0.56	ug/L			03/14/20 12:13	1
4-Isopropyltoluene	<0.71		1.0	0.71	ug/L			03/14/20 12:13	1
4-Methyl-2-pentanone (MIBK)	<1.8		25	1.8	ug/L			03/14/20 12:13	1
Acetone	<10		25	10	ug/L			03/14/20 12:13	1
Benzene	<0.38		1.0	0.38	ug/L			03/14/20 12:13	1
Bromobenzene	<0.54		1.0	0.54	ug/L			03/14/20 12:13	1
Bromoform	<0.71		5.0	0.71	ug/L			03/14/20 12:13	1
Bromomethane	<0.98		1.0	0.98	ug/L			03/14/20 12:13	1
Carbon disulfide	<0.50		1.0	0.50	ug/L			03/14/20 12:13	1
Carbon tetrachloride	<0.50		1.0	0.50	ug/L			03/14/20 12:13	1
Chlorobenzene	<0.50		1.0	0.50	ug/L			03/14/20 12:13	1
Chlorobromomethane	<0.52		1.0	0.52	ug/L			03/14/20 12:13	1
Chlorodibromomethane	<0.50		1.0	0.50	ug/L			03/14/20 12:13	1
Chloroethane	<0.76		1.0	0.76	ug/L			03/14/20 12:13	1
Chloroform	<0.60		1.0	0.60	ug/L			03/14/20 12:13	1
Chloromethane	<0.83		1.0	0.83	ug/L			03/14/20 12:13	1
cis-1,2-Dichloroethene	<0.50		1.0	0.50	ug/L			03/14/20 12:13	1
cis-1,3-Dichloropropene	<0.50		5.0	0.50	ug/L			03/14/20 12:13	1
Dibromomethane	<0.59		5.0	0.59	ug/L			03/14/20 12:13	1
Dichlorobromomethane	<0.50		1.0	0.50	ug/L			03/14/20 12:13	1
Dichlorodifluoromethane	<0.85		1.0	0.85	ug/L			03/14/20 12:13	1
Ethylbenzene	<0.50		1.0	0.50	ug/L			03/14/20 12:13	1
Ethylene Dibromide	<0.50		1.0	0.50	ug/L			03/14/20 12:13	1
Hexachlorobutadiene	<0.90		5.0	0.90	ug/L			03/14/20 12:13	1
Iodomethane	<0.90		1.0	0.90	ug/L			03/14/20 12:13	1
Isopropyl ether	<0.70		1.0	0.70	ug/L			03/14/20 12:13	1

Client Sample ID: TMW-6
Date Collected: 03/04/20 15:20
Date Received: 03/06/20 08:50

Lab Sample ID: 400-184972-6
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	<0.53		1.0	0.53	ug/L			03/14/20 12:13	1
Methyl tert-butyl ether	<0.74		1.0	0.74	ug/L			03/14/20 12:13	1
Methylene Chloride	<3.0		5.0	3.0	ug/L			03/14/20 12:13	1
m-Xylene & p-Xylene	<1.6		5.0	1.6	ug/L			03/14/20 12:13	1
Naphthalene	<1.0		1.0	1.0	ug/L			03/14/20 12:13	1
n-Butylbenzene	<0.76		1.0	0.76	ug/L			03/14/20 12:13	1
N-Propylbenzene	<0.69		1.0	0.69	ug/L			03/14/20 12:13	1
o-Xylene	<0.60		5.0	0.60	ug/L			03/14/20 12:13	1
sec-Butylbenzene	<0.70		1.0	0.70	ug/L			03/14/20 12:13	1
Styrene	<1.0		1.0	1.0	ug/L			03/14/20 12:13	1
tert-Butylbenzene	<0.63		1.0	0.63	ug/L			03/14/20 12:13	1
Tetrachloroethene	<0.58		1.0	0.58	ug/L			03/14/20 12:13	1
Toluene	<0.41		1.0	0.41	ug/L			03/14/20 12:13	1
trans-1,2-Dichloroethene	<0.50		1.0	0.50	ug/L			03/14/20 12:13	1
trans-1,3-Dichloropropene	<0.50		5.0	0.50	ug/L			03/14/20 12:13	1
Trichloroethene	<0.50		1.0	0.50	ug/L			03/14/20 12:13	1
Trichlorofluoromethane	<0.52		1.0	0.52	ug/L			03/14/20 12:13	1
Vinyl acetate	<2.0		25	2.0	ug/L			03/14/20 12:13	1
Vinyl chloride	<0.50		1.0	0.50	ug/L			03/14/20 12:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*78 - 118*		*03/14/20 12:13*	*1*
Dibromofluoromethane	*102*		*81 - 121*		*03/14/20 12:13*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*03/14/20 12:13*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	<0.17		10	0.17	ug/L		03/10/20 17:03	03/13/20 17:23	1
1,2,4,5-Tetrachlorobenzene	<0.18		10	0.18	ug/L		03/10/20 17:03	03/13/20 17:23	1
1,2,4-Trichlorobenzene	<0.18		10	0.18	ug/L		03/10/20 17:03	03/13/20 17:23	1
1,2-Dichlorobenzene	<0.17		10	0.17	ug/L		03/10/20 17:03	03/13/20 17:23	1
1,3-Dichlorobenzene	<0.18		10	0.18	ug/L		03/10/20 17:03	03/13/20 17:23	1
1,3-Dinitrobenzene	<1.0		10	1.0	ug/L		03/10/20 17:03	03/13/20 17:23	1
1,4-Dichlorobenzene	<0.16		10	0.16	ug/L		03/10/20 17:03	03/13/20 17:23	1
1,4-Dioxane	<1.0		10	1.0	ug/L		03/10/20 17:03	03/13/20 17:23	1
1-Methylnaphthalene	<0.15		10	0.15	ug/L		03/10/20 17:03	03/13/20 17:23	1
2,2'-oxybis(1-chloropropane)	<0.16		10	0.16	ug/L		03/10/20 17:03	03/13/20 17:23	1
2,3,4,6-Tetrachlorophenol	<1.6	*1	10	1.6	ug/L		03/10/20 17:03	03/13/20 17:23	1
2,4,5-Trichlorophenol	<3.7		10	3.7	ug/L		03/10/20 17:03	03/13/20 17:23	1
2,4,6-Trichlorophenol	<3.5	*1	10	3.5	ug/L		03/10/20 17:03	03/13/20 17:23	1
2,4-Dichlorophenol	<3.0		10	3.0	ug/L		03/10/20 17:03	03/13/20 17:23	1
2,4-Dimethylphenol	<3.5		10	3.5	ug/L		03/10/20 17:03	03/13/20 17:23	1
2,4-Dinitrophenol	<3.4		30	3.4	ug/L		03/10/20 17:03	03/13/20 17:23	1
2,4-Dinitrotoluene	<1.9		10	1.9	ug/L		03/10/20 17:03	03/13/20 17:23	1
2,6-Dinitrotoluene	<1.9		10	1.9	ug/L		03/10/20 17:03	03/13/20 17:23	1
2-Chloronaphthalene	<0.14		10	0.14	ug/L		03/10/20 17:03	03/13/20 17:23	1
2-Chlorophenol	<2.2		10	2.2	ug/L		03/10/20 17:03	03/13/20 17:23	1
2-Methylnaphthalene	<0.13		10	0.13	ug/L		03/10/20 17:03	03/13/20 17:23	1
2-Methylphenol	<1.8		10	1.8	ug/L		03/10/20 17:03	03/13/20 17:23	1
2-Nitroaniline	<2.2		10	2.2	ug/L		03/10/20 17:03	03/13/20 17:23	1

Client Sample ID: TMW-6
Date Collected: 03/04/20 15:20
Date Received: 03/06/20 08:50

Lab Sample ID: 400-184972-6
Matrix: Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitrophenol	<5.3		10	5.3	ug/L		03/10/20 17:03	03/13/20 17:23	1
3 & 4 Methylphenol	<0.39		20	0.39	ug/L		03/10/20 17:03	03/13/20 17:23	1
3,3'-Dichlorobenzidine	<2.6		10	2.6	ug/L		03/10/20 17:03	03/13/20 17:23	1
3-Nitroaniline	<1.8		10	1.8	ug/L		03/10/20 17:03	03/13/20 17:23	1
4,6-Dinitro-2-methylphenol	<1.6		10	1.6	ug/L		03/10/20 17:03	03/13/20 17:23	1
4-Bromophenyl phenyl ether	<0.20		10	0.20	ug/L		03/10/20 17:03	03/13/20 17:23	1
4-Chloro-3-methylphenol	<3.8		10	3.8	ug/L		03/10/20 17:03	03/13/20 17:23	1
4-Chloroaniline	<3.4		10	3.4	ug/L		03/10/20 17:03	03/13/20 17:23	1
4-Chlorophenyl phenyl ether	<2.0		10	2.0	ug/L		03/10/20 17:03	03/13/20 17:23	1
4-Nitroaniline	<1.5		10	1.5	ug/L		03/10/20 17:03	03/13/20 17:23	1
4-Nitrophenol	<2.1		10	2.1	ug/L		03/10/20 17:03	03/13/20 17:23	1
Acenaphthene	<0.16		10	0.16	ug/L		03/10/20 17:03	03/13/20 17:23	1
Acenaphthylene	<0.17		10	0.17	ug/L		03/10/20 17:03	03/13/20 17:23	1
Acetophenone	<0.14		10	0.14	ug/L		03/10/20 17:03	03/13/20 17:23	1
Aniline	<3.8		10	3.8	ug/L		03/10/20 17:03	03/13/20 17:23	1
Anthracene	<0.18		10	0.18	ug/L		03/10/20 17:03	03/13/20 17:23	1
Atrazine	<0.24	*	10	0.24	ug/L		03/10/20 17:03	03/13/20 17:23	1
Azobenzene	<1.0		10	1.0	ug/L		03/10/20 17:03	03/13/20 17:23	1
Benzaldehyde	<0.42		10	0.42	ug/L		03/10/20 17:03	03/13/20 17:23	1
Benzidine	<20	*1	25	20	ug/L		03/10/20 17:03	03/13/20 17:23	1
Benzo[a]anthracene	<0.18		10	0.18	ug/L		03/10/20 17:03	03/13/20 17:23	1
Benzo[a]pyrene	<0.12	*3	10	0.12	ug/L		03/10/20 17:03	03/13/20 17:23	1
Benzo[b]fluoranthene	<0.15	*3	10	0.15	ug/L		03/10/20 17:03	03/13/20 17:23	1
Benzo[g,h,i]perylene	<0.23	*3	10	0.23	ug/L		03/10/20 17:03	03/13/20 17:23	1
Benzo[k]fluoranthene	<0.16	*3	10	0.16	ug/L		03/10/20 17:03	03/13/20 17:23	1
Benzoic acid	<7.4	*	30	7.4	ug/L		03/10/20 17:03	03/13/20 17:23	1
Benzyl alcohol	<2.0		10	2.0	ug/L		03/10/20 17:03	03/13/20 17:23	1
Bis(2-chloroethoxy)methane	<0.16		10	0.16	ug/L		03/10/20 17:03	03/13/20 17:23	1
Bis(2-chloroethyl)ether	<2.7		10	2.7	ug/L		03/10/20 17:03	03/13/20 17:23	1
Bis(2-ethylhexyl) phthalate	**7.7**	**J B**	10	5.1	ug/L		03/10/20 17:03	03/13/20 17:23	1
Butyl benzyl phthalate	<0.19		10	0.19	ug/L		03/10/20 17:03	03/13/20 17:23	1
Caprolactam	<3.8	*	10	3.8	ug/L		03/10/20 17:03	03/13/20 17:23	1
Carbazole	<0.23		10	0.23	ug/L		03/10/20 17:03	03/13/20 17:23	1
Chrysene	<0.19		10	0.19	ug/L		03/10/20 17:03	03/13/20 17:23	1
Dibenz(a,h)anthracene	<0.24	*3	10	0.24	ug/L		03/10/20 17:03	03/13/20 17:23	1
Dibenzofuran	<0.17		10	0.17	ug/L		03/10/20 17:03	03/13/20 17:23	1
Diethyl phthalate	<0.24		10	0.24	ug/L		03/10/20 17:03	03/13/20 17:23	1
Dimethyl phthalate	<0.17		10	0.17	ug/L		03/10/20 17:03	03/13/20 17:23	1
Di-n-butyl phthalate	<2.7		10	2.7	ug/L		03/10/20 17:03	03/13/20 17:23	1
Di-n-octyl phthalate	<0.17		10	0.17	ug/L		03/10/20 17:03	03/13/20 17:23	1
Fluoranthene	<0.18		10	0.18	ug/L		03/10/20 17:03	03/13/20 17:23	1
Fluorene	<0.18		10	0.18	ug/L		03/10/20 17:03	03/13/20 17:23	1
Hexachlorobenzene	<0.17		10	0.17	ug/L		03/10/20 17:03	03/13/20 17:23	1
Hexachlorobutadiene	<0.56		10	0.56	ug/L		03/10/20 17:03	03/13/20 17:23	1
Hexachlorocyclopentadiene	<2.6		20	2.6	ug/L		03/10/20 17:03	03/13/20 17:23	1
Hexachloroethane	<4.2		10	4.2	ug/L		03/10/20 17:03	03/13/20 17:23	1
Hexadecane	<1.0		10	1.0	ug/L		03/10/20 17:03	03/13/20 17:23	1
Indeno[1,2,3-cd]pyrene	<0.22	*3	10	0.22	ug/L		03/10/20 17:03	03/13/20 17:23	1
Isophorone	<0.14		10	0.14	ug/L		03/10/20 17:03	03/13/20 17:23	1

Client: SCS Engineers
Project/Site: Tidewater Gardens

Job ID: 400-184972-1

Client Sample ID: TMW-6
Date Collected: 03/04/20 15:20
Date Received: 03/06/20 08:50

Lab Sample ID: 400-184972-6
Matrix: Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	<0.17		10	0.17	ug/L		03/10/20 17:03	03/13/20 17:23	1
n-Decane	<1.0		10	1.0	ug/L		03/10/20 17:03	03/13/20 17:23	1
Nitrobenzene	<0.13		10	0.13	ug/L		03/10/20 17:03	03/13/20 17:23	1
N-Nitrosodimethylamine	<3.5		10	3.5	ug/L		03/10/20 17:03	03/13/20 17:23	1
N-Nitrosodi-n-propylamine	<3.3		10	3.3	ug/L		03/10/20 17:03	03/13/20 17:23	1
N-Nitrosodiphenylamine	<0.18		10	0.18	ug/L		03/10/20 17:03	03/13/20 17:23	1
n-Octadecane	<1.0		10	1.0	ug/L		03/10/20 17:03	03/13/20 17:23	1
Pentachlorophenol	<1.4		20	1.4	ug/L		03/10/20 17:03	03/13/20 17:23	1
Phenanthrene	<0.18		10	0.18	ug/L		03/10/20 17:03	03/13/20 17:23	1
Phenol	<2.6		10	2.6	ug/L		03/10/20 17:03	03/13/20 17:23	1
Pyrene	<0.21		10	0.21	ug/L		03/10/20 17:03	03/13/20 17:23	1
Pyridine	<3.2		10	3.2	ug/L		03/10/20 17:03	03/13/20 17:23	1
Sulfolane	<0.59	*	10	0.59	ug/L		03/10/20 17:03	03/13/20 17:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*115*		*26 - 150*	*03/10/20 17:03*	*03/13/20 17:23*	*1*
2-Fluorobiphenyl	*78*		*46 - 124*	*03/10/20 17:03*	*03/13/20 17:23*	*1*
2-Fluorophenol (Surr)	*55*		*13 - 113*	*03/10/20 17:03*	*03/13/20 17:23*	*1*
Nitrobenzene-d5 (Surr)	*80*		*36 - 126*	*03/10/20 17:03*	*03/13/20 17:23*	*1*
Phenol-d5 (Surr)	*72*		*17 - 127*	*03/10/20 17:03*	*03/13/20 17:23*	*1*
Terphenyl-d14 (Surr)	*107*		*44 - 149*	*03/10/20 17:03*	*03/13/20 17:23*	*1*

Method: 8015C - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO) -C6-C10	<47		100	47	ug/L			03/10/20 18:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene (fid)	*107*		*78 - 119*		*03/10/20 18:52*	*1*

Method: 8015C - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**310**		120	97	ug/L		03/10/20 09:50	03/11/20 17:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*99*		*40 - 140*	*03/10/20 09:50*	*03/11/20 17:09*	*1*

Client: SCS Engineers
Project/Site: Tidewater Gardens

Job ID: 400-184972-1

Client Sample ID: TMW-7
Date Collected: 03/04/20 16:10
Date Received: 03/06/20 08:50

Lab Sample ID: 400-184972-7
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.52		1.0	0.52	ug/L			03/14/20 12:39	1
1,1,1-Trichloroethane	<0.50		1.0	0.50	ug/L			03/14/20 12:39	1
1,1,2,2-Tetrachloroethane	<0.50		1.0	0.50	ug/L			03/14/20 12:39	1
1,1,2-Trichloroethane	<0.50		5.0	0.50	ug/L			03/14/20 12:39	1
1,1-Dichloroethane	<0.50		1.0	0.50	ug/L			03/14/20 12:39	1
1,1-Dichloroethene	<0.50		1.0	0.50	ug/L			03/14/20 12:39	1
1,1-Dichloropropene	<0.50		1.0	0.50	ug/L			03/14/20 12:39	1
1,2,3-Trichlorobenzene	<0.70		1.0	0.70	ug/L			03/14/20 12:39	1
1,2,3-Trichloropropane	<0.84		5.0	0.84	ug/L			03/14/20 12:39	1
1,2,4-Trichlorobenzene	<0.82		1.0	0.82	ug/L			03/14/20 12:39	1
1,2,4-Trimethylbenzene	<0.82		1.0	0.82	ug/L			03/14/20 12:39	1
1,2-Dibromo-3-Chloropropane	<1.5		5.0	1.5	ug/L			03/14/20 12:39	1
1,2-Dichlorobenzene	<0.50		1.0	0.50	ug/L			03/14/20 12:39	1
1,2-Dichloroethane	<0.50		1.0	0.50	ug/L			03/14/20 12:39	1
1,2-Dichloropropane	<0.50		1.0	0.50	ug/L			03/14/20 12:39	1
1,3,5-Trimethylbenzene	<0.56		1.0	0.56	ug/L			03/14/20 12:39	1
1,3-Dichlorobenzene	<0.54		1.0	0.54	ug/L			03/14/20 12:39	1
1,3-Dichloropropane	<0.50		1.0	0.50	ug/L			03/14/20 12:39	1
1,4-Dichlorobenzene	<0.64		1.0	0.64	ug/L			03/14/20 12:39	1
2,2-Dichloropropane	<0.50		1.0	0.50	ug/L			03/14/20 12:39	1
2-Butanone (MEK)	<2.6		25	2.6	ug/L			03/14/20 12:39	1
2-Chlorotoluene	<0.57		1.0	0.57	ug/L			03/14/20 12:39	1
2-Hexanone	<3.1		25	3.1	ug/L			03/14/20 12:39	1
4-Chlorotoluene	<0.56		1.0	0.56	ug/L			03/14/20 12:39	1
4-Isopropyltoluene	<0.71		1.0	0.71	ug/L			03/14/20 12:39	1
4-Methyl-2-pentanone (MIBK)	<1.8		25	1.8	ug/L			03/14/20 12:39	1
Acetone	<10		25	10	ug/L			03/14/20 12:39	1
Benzene	<0.38		1.0	0.38	ug/L			03/14/20 12:39	1
Bromobenzene	<0.54		1.0	0.54	ug/L			03/14/20 12:39	1
Bromoform	<0.71		5.0	0.71	ug/L			03/14/20 12:39	1
Bromomethane	<0.98		1.0	0.98	ug/L			03/14/20 12:39	1
Carbon disulfide	<0.50		1.0	0.50	ug/L			03/14/20 12:39	1
Carbon tetrachloride	<0.50		1.0	0.50	ug/L			03/14/20 12:39	1
Chlorobenzene	<0.50		1.0	0.50	ug/L			03/14/20 12:39	1
Chlorobromomethane	<0.52		1.0	0.52	ug/L			03/14/20 12:39	1
Chlorodibromomethane	<0.50		1.0	0.50	ug/L			03/14/20 12:39	1
Chloroethane	<0.76		1.0	0.76	ug/L			03/14/20 12:39	1
Chloroform	<0.60		1.0	0.60	ug/L			03/14/20 12:39	1
Chloromethane	<0.83		1.0	0.83	ug/L			03/14/20 12:39	1
cis-1,2-Dichloroethene	<0.50		1.0	0.50	ug/L			03/14/20 12:39	1
cis-1,3-Dichloropropene	<0.50		5.0	0.50	ug/L			03/14/20 12:39	1
Dibromomethane	<0.59		5.0	0.59	ug/L			03/14/20 12:39	1
Dichlorobromomethane	<0.50		1.0	0.50	ug/L			03/14/20 12:39	1
Dichlorodifluoromethane	<0.85		1.0	0.85	ug/L			03/14/20 12:39	1
Ethylbenzene	<0.50		1.0	0.50	ug/L			03/14/20 12:39	1
Ethylene Dibromide	<0.50		1.0	0.50	ug/L			03/14/20 12:39	1
Hexachlorobutadiene	<0.90		5.0	0.90	ug/L			03/14/20 12:39	1
Iodomethane	<0.90		1.0	0.90	ug/L			03/14/20 12:39	1
Isopropyl ether	<0.70		1.0	0.70	ug/L			03/14/20 12:39	1

Client Sample ID: TMW-7
Date Collected: 03/04/20 16:10
Date Received: 03/06/20 08:50

Lab Sample ID: 400-184972-7
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	<0.53		1.0	0.53	ug/L			03/14/20 12:39	1
Methyl tert-butyl ether	<0.74		1.0	0.74	ug/L			03/14/20 12:39	1
Methylene Chloride	<3.0		5.0	3.0	ug/L			03/14/20 12:39	1
m-Xylene & p-Xylene	<1.6		5.0	1.6	ug/L			03/14/20 12:39	1
Naphthalene	<1.0		1.0	1.0	ug/L			03/14/20 12:39	1
n-Butylbenzene	<0.76		1.0	0.76	ug/L			03/14/20 12:39	1
N-Propylbenzene	<0.69		1.0	0.69	ug/L			03/14/20 12:39	1
o-Xylene	<0.60		5.0	0.60	ug/L			03/14/20 12:39	1
sec-Butylbenzene	<0.70		1.0	0.70	ug/L			03/14/20 12:39	1
Styrene	<1.0		1.0	1.0	ug/L			03/14/20 12:39	1
tert-Butylbenzene	<0.63		1.0	0.63	ug/L			03/14/20 12:39	1
Tetrachloroethene	<0.58		1.0	0.58	ug/L			03/14/20 12:39	1
Toluene	<0.41		1.0	0.41	ug/L			03/14/20 12:39	1
trans-1,2-Dichloroethene	<0.50		1.0	0.50	ug/L			03/14/20 12:39	1
trans-1,3-Dichloropropene	<0.50		5.0	0.50	ug/L			03/14/20 12:39	1
Trichloroethene	<0.50		1.0	0.50	ug/L			03/14/20 12:39	1
Trichlorofluoromethane	<0.52		1.0	0.52	ug/L			03/14/20 12:39	1
Vinyl acetate	<2.0		25	2.0	ug/L			03/14/20 12:39	1
Vinyl chloride	<0.50		1.0	0.50	ug/L			03/14/20 12:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*78 - 118*		*03/14/20 12:39*	*1*
Dibromofluoromethane	*97*		*81 - 121*		*03/14/20 12:39*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*03/14/20 12:39*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	<0.17		10	0.17	ug/L		03/10/20 17:03	03/13/20 17:44	1
1,2,4,5-Tetrachlorobenzene	<0.19		10	0.19	ug/L		03/10/20 17:03	03/13/20 17:44	1
1,2,4-Trichlorobenzene	<0.19		10	0.19	ug/L		03/10/20 17:03	03/13/20 17:44	1
1,2-Dichlorobenzene	<0.17		10	0.17	ug/L		03/10/20 17:03	03/13/20 17:44	1
1,3-Dichlorobenzene	<0.19		10	0.19	ug/L		03/10/20 17:03	03/13/20 17:44	1
1,3-Dinitrobenzene	<1.0		10	1.0	ug/L		03/10/20 17:03	03/13/20 17:44	1
1,4-Dichlorobenzene	<0.16		10	0.16	ug/L		03/10/20 17:03	03/13/20 17:44	1
1,4-Dioxane	<1.0		10	1.0	ug/L		03/10/20 17:03	03/13/20 17:44	1
1-Methylnaphthalene	<0.15		10	0.15	ug/L		03/10/20 17:03	03/13/20 17:44	1
2,2'-oxybis(1-chloropropane)	<0.16		10	0.16	ug/L		03/10/20 17:03	03/13/20 17:44	1
2,3,4,6-Tetrachlorophenol	<1.6	*1	10	1.6	ug/L		03/10/20 17:03	03/13/20 17:44	1
2,4,5-Trichlorophenol	<3.8		10	3.8	ug/L		03/10/20 17:03	03/13/20 17:44	1
2,4,6-Trichlorophenol	<3.6	*1	10	3.6	ug/L		03/10/20 17:03	03/13/20 17:44	1
2,4-Dichlorophenol	<3.1		10	3.1	ug/L		03/10/20 17:03	03/13/20 17:44	1
2,4-Dimethylphenol	<3.6		10	3.6	ug/L		03/10/20 17:03	03/13/20 17:44	1
2,4-Dinitrophenol	<3.5		31	3.5	ug/L		03/10/20 17:03	03/13/20 17:44	1
2,4-Dinitrotoluene	<2.0		10	2.0	ug/L		03/10/20 17:03	03/13/20 17:44	1
2,6-Dinitrotoluene	<2.0		10	2.0	ug/L		03/10/20 17:03	03/13/20 17:44	1
2-Chloronaphthalene	<0.14		10	0.14	ug/L		03/10/20 17:03	03/13/20 17:44	1
2-Chlorophenol	<2.3		10	2.3	ug/L		03/10/20 17:03	03/13/20 17:44	1
2-Methylnaphthalene	<0.13		10	0.13	ug/L		03/10/20 17:03	03/13/20 17:44	1
2-Methylphenol	<1.9		10	1.9	ug/L		03/10/20 17:03	03/13/20 17:44	1
2-Nitroaniline	<2.3		10	2.3	ug/L		03/10/20 17:03	03/13/20 17:44	1

Client Sample ID: TMW-7
Date Collected: 03/04/20 16:10
Date Received: 03/06/20 08:50

Lab Sample ID: 400-184972-7
Matrix: Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitrophenol	<5.3		10	5.3	ug/L		03/10/20 17:03	03/13/20 17:44	1
3 & 4 Methylphenol	<0.40		21	0.40	ug/L		03/10/20 17:03	03/13/20 17:44	1
3,3'-Dichlorobenzidine	<2.7		10	2.7	ug/L		03/10/20 17:03	03/16/20 17:36	1
3-Nitroaniline	<1.9		10	1.9	ug/L		03/10/20 17:03	03/13/20 17:44	1
4,6-Dinitro-2-methylphenol	<1.6		10	1.6	ug/L		03/10/20 17:03	03/13/20 17:44	1
4-Bromophenyl phenyl ether	<0.21		10	0.21	ug/L		03/10/20 17:03	03/13/20 17:44	1
4-Chloro-3-methylphenol	<3.9		10	3.9	ug/L		03/10/20 17:03	03/13/20 17:44	1
4-Chloroaniline	<3.5		10	3.5	ug/L		03/10/20 17:03	03/13/20 17:44	1
4-Chlorophenyl phenyl ether	<2.1		10	2.1	ug/L		03/10/20 17:03	03/13/20 17:44	1
4-Nitroaniline	<1.5		10	1.5	ug/L		03/10/20 17:03	03/13/20 17:44	1
4-Nitrophenol	<2.2		10	2.2	ug/L		03/10/20 17:03	03/13/20 17:44	1
Acenaphthene	<0.16		10	0.16	ug/L		03/10/20 17:03	03/13/20 17:44	1
Acenaphthylene	<0.17		10	0.17	ug/L		03/10/20 17:03	03/13/20 17:44	1
Acetophenone	<0.14		10	0.14	ug/L		03/10/20 17:03	03/13/20 17:44	1
Aniline	<3.9		10	3.9	ug/L		03/10/20 17:03	03/13/20 17:44	1
Anthracene	<0.19		10	0.19	ug/L		03/10/20 17:03	03/13/20 17:44	1
Atrazine	<0.25	*	10	0.25	ug/L		03/10/20 17:03	03/13/20 17:44	1
Azobenzene	<1.0		10	1.0	ug/L		03/10/20 17:03	03/13/20 17:44	1
Benzaldehyde	<0.43		10	0.43	ug/L		03/10/20 17:03	03/13/20 17:44	1
Benzidine	<21	*1	26	21	ug/L		03/10/20 17:03	03/16/20 17:36	1
Benzo[a]anthracene	<0.19		10	0.19	ug/L		03/10/20 17:03	03/16/20 17:36	1
Benzo[a]pyrene	<0.12		10	0.12	ug/L		03/10/20 17:03	03/16/20 17:36	1
Benzo[b]fluoranthene	<0.15		10	0.15	ug/L		03/10/20 17:03	03/16/20 17:36	1
Benzo[g,h,i]perylene	<0.24		10	0.24	ug/L		03/10/20 17:03	03/16/20 17:36	1
Benzo[k]fluoranthene	<0.16		10	0.16	ug/L		03/10/20 17:03	03/16/20 17:36	1
Benzoic acid	<7.5	*	31	7.5	ug/L		03/10/20 17:03	03/13/20 17:44	1
Benzyl alcohol	<2.1		10	2.1	ug/L		03/10/20 17:03	03/13/20 17:44	1
Bis(2-chloroethoxy)methane	<0.16		10	0.16	ug/L		03/10/20 17:03	03/13/20 17:44	1
Bis(2-chloroethyl)ether	<2.8		10	2.8	ug/L		03/10/20 17:03	03/13/20 17:44	1
Bis(2-ethylhexyl) phthalate	**7.5**	**J B**	10	5.1	ug/L		03/10/20 17:03	03/17/20 16:47	1
Butyl benzyl phthalate	<0.20		10	0.20	ug/L		03/10/20 17:03	03/16/20 17:36	1
Caprolactam	<3.9	*	10	3.9	ug/L		03/10/20 17:03	03/13/20 17:44	1
Carbazole	<0.24		10	0.24	ug/L		03/10/20 17:03	03/13/20 17:44	1
Chrysene	<0.20		10	0.20	ug/L		03/10/20 17:03	03/16/20 17:36	1
Dibenz(a,h)anthracene	<0.25		10	0.25	ug/L		03/10/20 17:03	03/16/20 17:36	1
Dibenzofuran	<0.17		10	0.17	ug/L		03/10/20 17:03	03/13/20 17:44	1
Diethyl phthalate	<0.25		10	0.25	ug/L		03/10/20 17:03	03/13/20 17:44	1
Dimethyl phthalate	<0.17		10	0.17	ug/L		03/10/20 17:03	03/13/20 17:44	1
Di-n-butyl phthalate	<2.8		10	2.8	ug/L		03/10/20 17:03	03/13/20 17:44	1
Di-n-octyl phthalate	<0.17		10	0.17	ug/L		03/10/20 17:03	03/16/20 17:36	1
Fluoranthene	<0.19		10	0.19	ug/L		03/10/20 17:03	03/13/20 17:44	1
Fluorene	<0.19		10	0.19	ug/L		03/10/20 17:03	03/13/20 17:44	1
Hexachlorobenzene	<0.17		10	0.17	ug/L		03/10/20 17:03	03/13/20 17:44	1
Hexachlorobutadiene	<0.57		10	0.57	ug/L		03/10/20 17:03	03/13/20 17:44	1
Hexachlorocyclopentadiene	<2.7		21	2.7	ug/L		03/10/20 17:03	03/13/20 17:44	1
Hexachloroethane	<4.3		10	4.3	ug/L		03/10/20 17:03	03/13/20 17:44	1
Hexadecane	<1.0		10	1.0	ug/L		03/10/20 17:03	03/13/20 17:44	1
Indeno[1,2,3-cd]pyrene	<0.23		10	0.23	ug/L		03/10/20 17:03	03/16/20 17:36	1
Isophorone	<0.14		10	0.14	ug/L		03/10/20 17:03	03/13/20 17:44	1

Client Sample ID: TMW-7
Date Collected: 03/04/20 16:10
Date Received: 03/06/20 08:50

Lab Sample ID: 400-184972-7
Matrix: Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	<0.17		10	0.17	ug/L		03/10/20 17:03	03/13/20 17:44	1
n-Decane	<1.0		10	1.0	ug/L		03/10/20 17:03	03/13/20 17:44	1
Nitrobenzene	<0.13		10	0.13	ug/L		03/10/20 17:03	03/13/20 17:44	1
N-Nitrosodimethylamine	<3.6		10	3.6	ug/L		03/10/20 17:03	03/13/20 17:44	1
N-Nitrosodi-n-propylamine	<3.4		10	3.4	ug/L		03/10/20 17:03	03/13/20 17:44	1
N-Nitrosodiphenylamine	<0.19		10	0.19	ug/L		03/10/20 17:03	03/13/20 17:44	1
n-Octadecane	<1.0		10	1.0	ug/L		03/10/20 17:03	03/13/20 17:44	1
Pentachlorophenol	<1.4		21	1.4	ug/L		03/10/20 17:03	03/13/20 17:44	1
Phenanthrene	<0.19		10	0.19	ug/L		03/10/20 17:03	03/13/20 17:44	1
Phenol	<2.7		10	2.7	ug/L		03/10/20 17:03	03/13/20 17:44	1
Pyrene	<0.22		10	0.22	ug/L		03/10/20 17:03	03/16/20 17:36	1
Pyridine	<3.3		10	3.3	ug/L		03/10/20 17:03	03/13/20 17:44	1
Sulfolane	<0.60	*	10	0.60	ug/L		03/10/20 17:03	03/13/20 17:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*86*		*26 - 150*	*03/10/20 17:03*	*03/16/20 17:36*	*1*
2-Fluorobiphenyl	*77*		*46 - 124*	*03/10/20 17:03*	*03/16/20 17:36*	*1*
2-Fluorophenol (Surr)	*43*		*13 - 113*	*03/10/20 17:03*	*03/16/20 17:36*	*1*
Nitrobenzene-d5 (Surr)	*84*		*36 - 126*	*03/10/20 17:03*	*03/16/20 17:36*	*1*
Phenol-d5 (Surr)	*71*		*17 - 127*	*03/10/20 17:03*	*03/16/20 17:36*	*1*
Terphenyl-d14 (Surr)	*100*		*44 - 149*	*03/10/20 17:03*	*03/16/20 17:36*	*1*

Method: 8015C - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO) -C6-C10	<47		100	47	ug/L			03/10/20 19:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene (fid)	*109*		*78 - 119*		*03/10/20 19:21*	*1*

Method: 8015C - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	<98		120	98	ug/L		03/10/20 09:50	03/11/20 17:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*70*		*40 - 140*	*03/10/20 09:50*	*03/11/20 17:19*	*1*

Client: SCS Engineers
Project/Site: Tidewater Gardens

Job ID: 400-184972-1

Client Sample ID: TMW-8
Date Collected: 03/05/20 12:10
Date Received: 03/06/20 08:50

Lab Sample ID: 400-184972-8
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.52		1.0	0.52	ug/L			03/14/20 13:05	1
1,1,1-Trichloroethane	<0.50		1.0	0.50	ug/L			03/14/20 13:05	1
1,1,2,2-Tetrachloroethane	<0.50		1.0	0.50	ug/L			03/14/20 13:05	1
1,1,2-Trichloroethane	<0.50		5.0	0.50	ug/L			03/14/20 13:05	1
1,1-Dichloroethane	<0.50		1.0	0.50	ug/L			03/14/20 13:05	1
1,1-Dichloroethene	<0.50		1.0	0.50	ug/L			03/14/20 13:05	1
1,1-Dichloropropene	<0.50		1.0	0.50	ug/L			03/14/20 13:05	1
1,2,3-Trichlorobenzene	<0.70		1.0	0.70	ug/L			03/14/20 13:05	1
1,2,3-Trichloropropane	<0.84		5.0	0.84	ug/L			03/14/20 13:05	1
1,2,4-Trichlorobenzene	<0.82		1.0	0.82	ug/L			03/14/20 13:05	1
1,2,4-Trimethylbenzene	<0.82		1.0	0.82	ug/L			03/14/20 13:05	1
1,2-Dibromo-3-Chloropropane	<1.5		5.0	1.5	ug/L			03/14/20 13:05	1
1,2-Dichlorobenzene	<0.50		1.0	0.50	ug/L			03/14/20 13:05	1
1,2-Dichloroethane	<0.50		1.0	0.50	ug/L			03/14/20 13:05	1
1,2-Dichloropropane	<0.50		1.0	0.50	ug/L			03/14/20 13:05	1
1,3,5-Trimethylbenzene	<0.56		1.0	0.56	ug/L			03/14/20 13:05	1
1,3-Dichlorobenzene	<0.54		1.0	0.54	ug/L			03/14/20 13:05	1
1,3-Dichloropropane	<0.50		1.0	0.50	ug/L			03/14/20 13:05	1
1,4-Dichlorobenzene	<0.64		1.0	0.64	ug/L			03/14/20 13:05	1
2,2-Dichloropropane	<0.50		1.0	0.50	ug/L			03/14/20 13:05	1
2-Butanone (MEK)	<2.6		25	2.6	ug/L			03/14/20 13:05	1
2-Chlorotoluene	<0.57		1.0	0.57	ug/L			03/14/20 13:05	1
2-Hexanone	<3.1		25	3.1	ug/L			03/14/20 13:05	1
4-Chlorotoluene	<0.56		1.0	0.56	ug/L			03/14/20 13:05	1
4-Isopropyltoluene	<0.71		1.0	0.71	ug/L			03/14/20 13:05	1
4-Methyl-2-pentanone (MIBK)	<1.8		25	1.8	ug/L			03/14/20 13:05	1
Acetone	<10		25	10	ug/L			03/14/20 13:05	1
Benzene	<0.38		1.0	0.38	ug/L			03/14/20 13:05	1
Bromobenzene	<0.54		1.0	0.54	ug/L			03/14/20 13:05	1
Bromoform	<0.71		5.0	0.71	ug/L			03/14/20 13:05	1
Bromomethane	<0.98		1.0	0.98	ug/L			03/14/20 13:05	1
Carbon disulfide	<0.50		1.0	0.50	ug/L			03/14/20 13:05	1
Carbon tetrachloride	<0.50		1.0	0.50	ug/L			03/14/20 13:05	1
Chlorobenzene	<0.50		1.0	0.50	ug/L			03/14/20 13:05	1
Chlorobromomethane	<0.52		1.0	0.52	ug/L			03/14/20 13:05	1
Chlorodibromomethane	<0.50		1.0	0.50	ug/L			03/14/20 13:05	1
Chloroethane	<0.76		1.0	0.76	ug/L			03/14/20 13:05	1
Chloroform	<0.60		1.0	0.60	ug/L			03/14/20 13:05	1
Chloromethane	<0.83		1.0	0.83	ug/L			03/14/20 13:05	1
cis-1,2-Dichloroethene	<0.50		1.0	0.50	ug/L			03/14/20 13:05	1
cis-1,3-Dichloropropene	<0.50		5.0	0.50	ug/L			03/14/20 13:05	1
Dibromomethane	<0.59		5.0	0.59	ug/L			03/14/20 13:05	1
Dichlorobromomethane	<0.50		1.0	0.50	ug/L			03/14/20 13:05	1
Dichlorodifluoromethane	<0.85		1.0	0.85	ug/L			03/14/20 13:05	1
Ethylbenzene	<0.50		1.0	0.50	ug/L			03/14/20 13:05	1
Ethylene Dibromide	<0.50		1.0	0.50	ug/L			03/14/20 13:05	1
Hexachlorobutadiene	<0.90		5.0	0.90	ug/L			03/14/20 13:05	1
Iodomethane	<0.90		1.0	0.90	ug/L			03/14/20 13:05	1
Isopropyl ether	<0.70		1.0	0.70	ug/L			03/14/20 13:05	1

Client Sample ID: TMW-8
Date Collected: 03/05/20 12:10
Date Received: 03/06/20 08:50

Lab Sample ID: 400-184972-8
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	<0.53		1.0	0.53	ug/L			03/14/20 13:05	1
Methyl tert-butyl ether	<0.74		1.0	0.74	ug/L			03/14/20 13:05	1
Methylene Chloride	<3.0		5.0	3.0	ug/L			03/14/20 13:05	1
m-Xylene & p-Xylene	<1.6		5.0	1.6	ug/L			03/14/20 13:05	1
Naphthalene	<1.0		1.0	1.0	ug/L			03/14/20 13:05	1
n-Butylbenzene	<0.76		1.0	0.76	ug/L			03/14/20 13:05	1
N-Propylbenzene	<0.69		1.0	0.69	ug/L			03/14/20 13:05	1
o-Xylene	<0.60		5.0	0.60	ug/L			03/14/20 13:05	1
sec-Butylbenzene	<0.70		1.0	0.70	ug/L			03/14/20 13:05	1
Styrene	<1.0		1.0	1.0	ug/L			03/14/20 13:05	1
tert-Butylbenzene	<0.63		1.0	0.63	ug/L			03/14/20 13:05	1
Tetrachloroethene	<0.58		1.0	0.58	ug/L			03/14/20 13:05	1
Toluene	<0.41		1.0	0.41	ug/L			03/14/20 13:05	1
trans-1,2-Dichloroethene	<0.50		1.0	0.50	ug/L			03/14/20 13:05	1
trans-1,3-Dichloropropene	<0.50		5.0	0.50	ug/L			03/14/20 13:05	1
Trichloroethene	<0.50		1.0	0.50	ug/L			03/14/20 13:05	1
Trichlorofluoromethane	<0.52		1.0	0.52	ug/L			03/14/20 13:05	1
Vinyl acetate	<2.0		25	2.0	ug/L			03/14/20 13:05	1
Vinyl chloride	<0.50		1.0	0.50	ug/L			03/14/20 13:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*78 - 118*		*03/14/20 13:05*	*1*
Dibromofluoromethane	*99*		*81 - 121*		*03/14/20 13:05*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*03/14/20 13:05*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	<0.19		11	0.19	ug/L		03/11/20 15:56	03/16/20 19:29	1
1,2,4,5-Tetrachlorobenzene	<0.20		11	0.20	ug/L		03/11/20 15:56	03/16/20 19:29	1
1,2,4-Trichlorobenzene	<0.20		11	0.20	ug/L		03/11/20 15:56	03/16/20 19:29	1
1,2-Dichlorobenzene	<0.19		11	0.19	ug/L		03/11/20 15:56	03/16/20 19:29	1
1,3-Dichlorobenzene	<0.20		11	0.20	ug/L		03/11/20 15:56	03/16/20 19:29	1
1,3-Dinitrobenzene	<1.1	* *1	11	1.1	ug/L		03/11/20 15:56	03/16/20 19:29	1
1,4-Dichlorobenzene	<0.18		11	0.18	ug/L		03/11/20 15:56	03/16/20 19:29	1
1,4-Dioxane	<1.1		11	1.1	ug/L		03/11/20 15:56	03/16/20 19:29	1
1-Methylnaphthalene	<0.17		11	0.17	ug/L		03/11/20 15:56	03/16/20 19:29	1
2,2'-oxybis(1-chloropropane)	<0.18		11	0.18	ug/L		03/11/20 15:56	03/16/20 19:29	1
2,3,4,6-Tetrachlorophenol	<1.8	*1	11	1.8	ug/L		03/11/20 15:56	03/16/20 19:29	1
2,4,5-Trichlorophenol	<4.1		11	4.1	ug/L		03/11/20 15:56	03/16/20 19:29	1
2,4,6-Trichlorophenol	<3.9		11	3.9	ug/L		03/11/20 15:56	03/16/20 19:29	1
2,4-Dichlorophenol	<3.3		11	3.3	ug/L		03/11/20 15:56	03/16/20 19:29	1
2,4-Dimethylphenol	<3.9		11	3.9	ug/L		03/11/20 15:56	03/16/20 19:29	1
2,4-Dinitrophenol	<3.7	* *1	33	3.7	ug/L		03/11/20 15:56	03/16/20 19:29	1
2,4-Dinitrotoluene	<2.1		11	2.1	ug/L		03/11/20 15:56	03/16/20 19:29	1
2,6-Dinitrotoluene	<2.1		11	2.1	ug/L		03/11/20 15:56	03/16/20 19:29	1
2-Chloronaphthalene	<0.15		11	0.15	ug/L		03/11/20 15:56	03/16/20 19:29	1
2-Chlorophenol	<2.4		11	2.4	ug/L		03/11/20 15:56	03/16/20 19:29	1
2-Methylnaphthalene	<0.14		11	0.14	ug/L		03/11/20 15:56	03/16/20 19:29	1
2-Methylphenol	<2.0		11	2.0	ug/L		03/11/20 15:56	03/16/20 19:29	1
2-Nitroaniline	<2.4		11	2.4	ug/L		03/11/20 15:56	03/16/20 19:29	1

Client: SCS Engineers
Project/Site: Tidewater Gardens

Job ID: 400-184972-1

Client Sample ID: TMW-8
Date Collected: 03/05/20 12:10
Date Received: 03/06/20 08:50

Lab Sample ID: 400-184972-8
Matrix: Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitrophenol	<5.7	* *1	11	5.7	ug/L		03/11/20 15:56	03/16/20 19:29	1
3 & 4 Methylphenol	<0.43	*1	22	0.43	ug/L		03/11/20 15:56	03/16/20 19:29	1
3,3'-Dichlorobenzidine	<2.9	*	11	2.9	ug/L		03/11/20 15:56	03/16/20 19:29	1
3-Nitroaniline	<2.0		11	2.0	ug/L		03/11/20 15:56	03/16/20 19:29	1
4,6-Dinitro-2-methylphenol	<1.8	* *1	11	1.8	ug/L		03/11/20 15:56	03/16/20 19:29	1
4-Bromophenyl phenyl ether	<0.22		11	0.22	ug/L		03/11/20 15:56	03/16/20 19:29	1
4-Chloro-3-methylphenol	<4.2	*1	11	4.2	ug/L		03/11/20 15:56	03/16/20 19:29	1
4-Chloroaniline	<3.7		11	3.7	ug/L		03/11/20 15:56	03/16/20 19:29	1
4-Chlorophenyl phenyl ether	<2.2		11	2.2	ug/L		03/11/20 15:56	03/16/20 19:29	1
4-Nitroaniline	<1.7		11	1.7	ug/L		03/11/20 15:56	03/16/20 19:29	1
4-Nitrophenol	<2.3	* *1	11	2.3	ug/L		03/11/20 15:56	03/16/20 19:29	1
Acenaphthene	<0.18		11	0.18	ug/L		03/11/20 15:56	03/16/20 19:29	1
Acenaphthylene	<0.19		11	0.19	ug/L		03/11/20 15:56	03/16/20 19:29	1
Acetophenone	<0.15		11	0.15	ug/L		03/11/20 15:56	03/16/20 19:29	1
Aniline	<4.2		11	4.2	ug/L		03/11/20 15:56	03/16/20 19:29	1
Anthracene	<0.20		11	0.20	ug/L		03/11/20 15:56	03/16/20 19:29	1
Atrazine	<0.26		11	0.26	ug/L		03/11/20 15:56	03/16/20 19:29	1
Azobenzene	<1.1		11	1.1	ug/L		03/11/20 15:56	03/16/20 19:29	1
Benzaldehyde	<0.46		11	0.46	ug/L		03/11/20 15:56	03/16/20 19:29	1
Benzidine	<22	*1	28	22	ug/L		03/11/20 15:56	03/16/20 19:29	1
Benzo[a]anthracene	<0.20		11	0.20	ug/L		03/11/20 15:56	03/16/20 19:29	1
Benzo[a]pyrene	<0.13		11	0.13	ug/L		03/11/20 15:56	03/16/20 19:29	1
Benzo[b]fluoranthene	<0.17		11	0.17	ug/L		03/11/20 15:56	03/16/20 19:29	1
Benzo[g,h,i]perylene	<0.25		11	0.25	ug/L		03/11/20 15:56	03/16/20 19:29	1
Benzo[k]fluoranthene	<0.18		11	0.18	ug/L		03/11/20 15:56	03/16/20 19:29	1
Benzoic acid	<8.0		33	8.0	ug/L		03/11/20 15:56	03/16/20 19:29	1
Benzyl alcohol	<2.2		11	2.2	ug/L		03/11/20 15:56	03/16/20 19:29	1
Bis(2-chloroethoxy)methane	<0.18		11	0.18	ug/L		03/11/20 15:56	03/16/20 19:29	1
Bis(2-chloroethyl)ether	<3.0		11	3.0	ug/L		03/11/20 15:56	03/16/20 19:29	1
Bis(2-ethylhexyl) phthalate	<5.5		11	5.5	ug/L		03/11/20 15:56	03/16/20 19:29	1
Butyl benzyl phthalate	<0.21		11	0.21	ug/L		03/11/20 15:56	03/16/20 19:29	1
Caprolactam	<4.2		11	4.2	ug/L		03/11/20 15:56	03/16/20 19:29	1
Carbazole	<0.25		11	0.25	ug/L		03/11/20 15:56	03/16/20 19:29	1
Chrysene	<0.21		11	0.21	ug/L		03/11/20 15:56	03/16/20 19:29	1
Dibenz(a,h)anthracene	<0.26		11	0.26	ug/L		03/11/20 15:56	03/16/20 19:29	1
Dibenzofuran	<0.19		11	0.19	ug/L		03/11/20 15:56	03/16/20 19:29	1
Diethyl phthalate	<0.26		11	0.26	ug/L		03/11/20 15:56	03/16/20 19:29	1
Dimethyl phthalate	<0.19		11	0.19	ug/L		03/11/20 15:56	03/16/20 19:29	1
Di-n-butyl phthalate	<3.0		11	3.0	ug/L		03/11/20 15:56	03/16/20 19:29	1
Di-n-octyl phthalate	<0.19		11	0.19	ug/L		03/11/20 15:56	03/16/20 19:29	1
Fluoranthene	<0.20		11	0.20	ug/L		03/11/20 15:56	03/16/20 19:29	1
Fluorene	<0.20		11	0.20	ug/L		03/11/20 15:56	03/16/20 19:29	1
Hexachlorobenzene	<0.19		11	0.19	ug/L		03/11/20 15:56	03/16/20 19:29	1
Hexachlorobutadiene	<0.61		11	0.61	ug/L		03/11/20 15:56	03/16/20 19:29	1
Hexachlorocyclopentadiene	<2.9	* *1	22	2.9	ug/L		03/11/20 15:56	03/16/20 19:29	1
Hexachloroethane	<4.6		11	4.6	ug/L		03/11/20 15:56	03/16/20 19:29	1
Hexadecane	<1.1		11	1.1	ug/L		03/11/20 15:56	03/16/20 19:29	1
Indeno[1,2,3-cd]pyrene	<0.24		11	0.24	ug/L		03/11/20 15:56	03/16/20 19:29	1
Isophorone	<0.15		11	0.15	ug/L		03/11/20 15:56	03/16/20 19:29	1

Client Sample ID: TMW-8
Date Collected: 03/05/20 12:10
Date Received: 03/06/20 08:50

Lab Sample ID: 400-184972-8
Matrix: Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	<0.19		11	0.19	ug/L		03/11/20 15:56	03/16/20 19:29	1
n-Decane	<1.1		11	1.1	ug/L		03/11/20 15:56	03/16/20 19:29	1
Nitrobenzene	<0.14		11	0.14	ug/L		03/11/20 15:56	03/16/20 19:29	1
N-Nitrosodimethylamine	<3.9		11	3.9	ug/L		03/11/20 15:56	03/16/20 19:29	1
N-Nitrosodi-n-propylamine	<3.6		11	3.6	ug/L		03/11/20 15:56	03/16/20 19:29	1
N-Nitrosodiphenylamine	<0.20		11	0.20	ug/L		03/11/20 15:56	03/16/20 19:29	1
n-Octadecane	<1.1		11	1.1	ug/L		03/11/20 15:56	03/16/20 19:29	1
Pentachlorophenol	<1.5	*1	22	1.5	ug/L		03/11/20 15:56	03/16/20 19:29	1
Phenanthrene	<0.20		11	0.20	ug/L		03/11/20 15:56	03/16/20 19:29	1
Phenol	<2.9	* *1	11	2.9	ug/L		03/11/20 15:56	03/16/20 19:29	1
Pyrene	<0.23		11	0.23	ug/L		03/11/20 15:56	03/16/20 19:29	1
Pyridine	<3.5		11	3.5	ug/L		03/11/20 15:56	03/16/20 19:29	1
Sulfolane	<0.64		11	0.64	ug/L		03/11/20 15:56	03/16/20 19:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*70*		*26 - 150*	*03/11/20 15:56*	*03/16/20 19:29*	*1*
2-Fluorobiphenyl	*52*		*46 - 124*	*03/11/20 15:56*	*03/16/20 19:29*	*1*
2-Fluorophenol (Surr)	*34*		*13 - 113*	*03/11/20 15:56*	*03/16/20 19:29*	*1*
Nitrobenzene-d5 (Surr)	*52*		*36 - 126*	*03/11/20 15:56*	*03/16/20 19:29*	*1*
Phenol-d5 (Surr)	*44*		*17 - 127*	*03/11/20 15:56*	*03/16/20 19:29*	*1*
Terphenyl-d14 (Surr)	*61*		*44 - 149*	*03/11/20 15:56*	*03/16/20 19:29*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS) - RERA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dinitrobenzene	<1.0	H	10	1.0	ug/L		03/19/20 18:55	03/24/20 23:42	1
2,4-Dinitrophenol	<3.4	H	30	3.4	ug/L		03/19/20 18:55	03/24/20 23:42	1
2-Nitrophenol	<5.2	H	10	5.2	ug/L		03/19/20 18:55	03/24/20 23:42	1
3,3'-Dichlorobenzidine	<2.6	H	10	2.6	ug/L		03/19/20 18:55	03/24/20 23:42	1
4,6-Dinitro-2-methylphenol	<1.6	H	10	1.6	ug/L		03/19/20 18:55	03/24/20 23:42	1
4-Nitrophenol	<2.1	H	10	2.1	ug/L		03/19/20 18:55	03/24/20 23:42	1
Hexachlorocyclopentadiene	<2.6	H	20	2.6	ug/L		03/19/20 18:55	03/24/20 23:42	1
Phenol	<2.6	H	10	2.6	ug/L		03/19/20 18:55	03/24/20 23:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*60*		*26 - 150*	*03/19/20 18:55*	*03/24/20 23:42*	*1*
2-Fluorobiphenyl	*36*	*X*	*46 - 124*	*03/19/20 18:55*	*03/24/20 23:42*	*1*
2-Fluorophenol (Surr)	*27*		*13 - 113*	*03/19/20 18:55*	*03/24/20 23:42*	*1*
Nitrobenzene-d5 (Surr)	*45*		*36 - 126*	*03/19/20 18:55*	*03/24/20 23:42*	*1*
Phenol-d5 (Surr)	*37*		*17 - 127*	*03/19/20 18:55*	*03/24/20 23:42*	*1*
Terphenyl-d14 (Surr)	*44*		*44 - 149*	*03/19/20 18:55*	*03/24/20 23:42*	*1*

Method: 8015C - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO) -C6-C10	<47		100	47	ug/L			03/10/20 19:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene (fid)	*108*		*78 - 119*		*03/10/20 19:49*	*1*

Client: SCS Engineers
Project/Site: Tidewater Gardens

Job ID: 400-184972-1

Client Sample ID: TMW-8
Date Collected: 03/05/20 12:10
Date Received: 03/06/20 08:50

Lab Sample ID: 400-184972-8
Matrix: Water

Method: 8015C - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	100	J	120	100	ug/L		03/10/20 09:50	03/11/20 17:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*94*		*40 - 140*	*03/10/20 09:50*	*03/11/20 17:29*	*1*

Client: SCS Engineers
Project/Site: Tidewater Gardens

Job ID: 400-184972-1

Client Sample ID: TMW-9

Date Collected: 03/05/20 11:20
Date Received: 03/06/20 08:50

Lab Sample ID: 400-184972-9

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.52		1.0	0.52	ug/L			03/14/20 13:30	1
1,1,1-Trichloroethane	<0.50		1.0	0.50	ug/L			03/14/20 13:30	1
1,1,2,2-Tetrachloroethane	<0.50		1.0	0.50	ug/L			03/14/20 13:30	1
1,1,2-Trichloroethane	<0.50		5.0	0.50	ug/L			03/14/20 13:30	1
1,1-Dichloroethane	<0.50		1.0	0.50	ug/L			03/14/20 13:30	1
1,1-Dichloroethene	<0.50		1.0	0.50	ug/L			03/14/20 13:30	1
1,1-Dichloropropene	<0.50		1.0	0.50	ug/L			03/14/20 13:30	1
1,2,3-Trichlorobenzene	<0.70		1.0	0.70	ug/L			03/14/20 13:30	1
1,2,3-Trichloropropane	<0.84		5.0	0.84	ug/L			03/14/20 13:30	1
1,2,4-Trichlorobenzene	<0.82		1.0	0.82	ug/L			03/14/20 13:30	1
1,2,4-Trimethylbenzene	<0.82		1.0	0.82	ug/L			03/14/20 13:30	1
1,2-Dibromo-3-Chloropropane	<1.5		5.0	1.5	ug/L			03/14/20 13:30	1
1,2-Dichlorobenzene	<0.50		1.0	0.50	ug/L			03/14/20 13:30	1
1,2-Dichloroethane	<0.50		1.0	0.50	ug/L			03/14/20 13:30	1
1,2-Dichloropropane	<0.50		1.0	0.50	ug/L			03/14/20 13:30	1
1,3,5-Trimethylbenzene	<0.56		1.0	0.56	ug/L			03/14/20 13:30	1
1,3-Dichlorobenzene	<0.54		1.0	0.54	ug/L			03/14/20 13:30	1
1,3-Dichloropropane	<0.50		1.0	0.50	ug/L			03/14/20 13:30	1
1,4-Dichlorobenzene	<0.64		1.0	0.64	ug/L			03/14/20 13:30	1
2,2-Dichloropropane	<0.50		1.0	0.50	ug/L			03/14/20 13:30	1
2-Butanone (MEK)	<2.6		25	2.6	ug/L			03/14/20 13:30	1
2-Chlorotoluene	<0.57		1.0	0.57	ug/L			03/14/20 13:30	1
2-Hexanone	<3.1		25	3.1	ug/L			03/14/20 13:30	1
4-Chlorotoluene	<0.56		1.0	0.56	ug/L			03/14/20 13:30	1
4-Isopropyltoluene	<0.71		1.0	0.71	ug/L			03/14/20 13:30	1
4-Methyl-2-pentanone (MIBK)	<1.8		25	1.8	ug/L			03/14/20 13:30	1
Acetone	<10		25	10	ug/L			03/14/20 13:30	1
Benzene	<0.38		1.0	0.38	ug/L			03/14/20 13:30	1
Bromobenzene	<0.54		1.0	0.54	ug/L			03/14/20 13:30	1
Bromoform	<0.71		5.0	0.71	ug/L			03/14/20 13:30	1
Bromomethane	<0.98		1.0	0.98	ug/L			03/14/20 13:30	1
Carbon disulfide	<0.50		1.0	0.50	ug/L			03/14/20 13:30	1
Carbon tetrachloride	<0.50		1.0	0.50	ug/L			03/14/20 13:30	1
Chlorobenzene	<0.50		1.0	0.50	ug/L			03/14/20 13:30	1
Chlorobromomethane	<0.52		1.0	0.52	ug/L			03/14/20 13:30	1
Chlorodibromomethane	<0.50		1.0	0.50	ug/L			03/14/20 13:30	1
Chloroethane	<0.76		1.0	0.76	ug/L			03/14/20 13:30	1
Chloroform	<0.60		1.0	0.60	ug/L			03/14/20 13:30	1
Chloromethane	<0.83		1.0	0.83	ug/L			03/14/20 13:30	1
cis-1,2-Dichloroethene	<0.50		1.0	0.50	ug/L			03/14/20 13:30	1
cis-1,3-Dichloropropene	<0.50		5.0	0.50	ug/L			03/14/20 13:30	1
Dibromomethane	<0.59		5.0	0.59	ug/L			03/14/20 13:30	1
Dichlorobromomethane	<0.50		1.0	0.50	ug/L			03/14/20 13:30	1
Dichlorodifluoromethane	<0.85		1.0	0.85	ug/L			03/14/20 13:30	1
Ethylbenzene	<0.50		1.0	0.50	ug/L			03/14/20 13:30	1
Ethylene Dibromide	<0.50		1.0	0.50	ug/L			03/14/20 13:30	1
Hexachlorobutadiene	<0.90		5.0	0.90	ug/L			03/14/20 13:30	1
Iodomethane	<0.90		1.0	0.90	ug/L			03/14/20 13:30	1
Isopropyl ether	<0.70		1.0	0.70	ug/L			03/14/20 13:30	1

Client Sample ID: TMW-9
Date Collected: 03/05/20 11:20
Date Received: 03/06/20 08:50

Lab Sample ID: 400-184972-9
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	<0.53		1.0	0.53	ug/L			03/14/20 13:30	1
Methyl tert-butyl ether	**2.4**		1.0	0.74	ug/L			03/14/20 13:30	1
Methylene Chloride	<3.0		5.0	3.0	ug/L			03/14/20 13:30	1
m-Xylene & p-Xylene	<1.6		5.0	1.6	ug/L			03/14/20 13:30	1
Naphthalene	<1.0		1.0	1.0	ug/L			03/14/20 13:30	1
n-Butylbenzene	<0.76		1.0	0.76	ug/L			03/14/20 13:30	1
N-Propylbenzene	<0.69		1.0	0.69	ug/L			03/14/20 13:30	1
o-Xylene	<0.60		5.0	0.60	ug/L			03/14/20 13:30	1
sec-Butylbenzene	<0.70		1.0	0.70	ug/L			03/14/20 13:30	1
Styrene	<1.0		1.0	1.0	ug/L			03/14/20 13:30	1
tert-Butylbenzene	<0.63		1.0	0.63	ug/L			03/14/20 13:30	1
Tetrachloroethene	<0.58		1.0	0.58	ug/L			03/14/20 13:30	1
Toluene	<0.41		1.0	0.41	ug/L			03/14/20 13:30	1
trans-1,2-Dichloroethene	<0.50		1.0	0.50	ug/L			03/14/20 13:30	1
trans-1,3-Dichloropropene	<0.50		5.0	0.50	ug/L			03/14/20 13:30	1
Trichloroethene	<0.50		1.0	0.50	ug/L			03/14/20 13:30	1
Trichlorofluoromethane	<0.52		1.0	0.52	ug/L			03/14/20 13:30	1
Vinyl acetate	<2.0		25	2.0	ug/L			03/14/20 13:30	1
Vinyl chloride	<0.50		1.0	0.50	ug/L			03/14/20 13:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*78 - 118*		*03/14/20 13:30*	*1*
Dibromofluoromethane	*102*		*81 - 121*		*03/14/20 13:30*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*03/14/20 13:30*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	<0.20		12	0.20	ug/L		03/11/20 15:56	03/16/20 19:55	1
1,2,4,5-Tetrachlorobenzene	<0.22		12	0.22	ug/L		03/11/20 15:56	03/16/20 19:55	1
1,2,4-Trichlorobenzene	<0.22		12	0.22	ug/L		03/11/20 15:56	03/16/20 19:55	1
1,2-Dichlorobenzene	<0.20		12	0.20	ug/L		03/11/20 15:56	03/16/20 19:55	1
1,3-Dichlorobenzene	<0.22		12	0.22	ug/L		03/11/20 15:56	03/16/20 19:55	1
1,3-Dinitrobenzene	<1.2	* *1	12	1.2	ug/L		03/11/20 15:56	03/16/20 19:55	1
1,4-Dichlorobenzene	<0.19		12	0.19	ug/L		03/11/20 15:56	03/16/20 19:55	1
1,4-Dioxane	<1.2		12	1.2	ug/L		03/11/20 15:56	03/16/20 19:55	1
1-Methylnaphthalene	<0.18		12	0.18	ug/L		03/11/20 15:56	03/16/20 19:55	1
2,2'-oxybis(1-chloropropane)	<0.19		12	0.19	ug/L		03/11/20 15:56	03/16/20 19:55	1
2,3,4,6-Tetrachlorophenol	<1.9	*1	12	1.9	ug/L		03/11/20 15:56	03/16/20 19:55	1
2,4,5-Trichlorophenol	<4.4		12	4.4	ug/L		03/11/20 15:56	03/16/20 19:55	1
2,4,6-Trichlorophenol	<4.2		12	4.2	ug/L		03/11/20 15:56	03/16/20 19:55	1
2,4-Dichlorophenol	<3.6		12	3.6	ug/L		03/11/20 15:56	03/16/20 19:55	1
2,4-Dimethylphenol	<4.2		12	4.2	ug/L		03/11/20 15:56	03/16/20 19:55	1
2,4-Dinitrophenol	<4.1	* *1	36	4.1	ug/L		03/11/20 15:56	03/16/20 19:55	1
2,4-Dinitrotoluene	<2.3		12	2.3	ug/L		03/11/20 15:56	03/16/20 19:55	1
2,6-Dinitrotoluene	<2.3		12	2.3	ug/L		03/11/20 15:56	03/16/20 19:55	1
2-Chloronaphthalene	<0.17		12	0.17	ug/L		03/11/20 15:56	03/16/20 19:55	1
2-Chlorophenol	<2.6		12	2.6	ug/L		03/11/20 15:56	03/16/20 19:55	1
2-Methylnaphthalene	<0.16		12	0.16	ug/L		03/11/20 15:56	03/16/20 19:55	1
2-Methylphenol	<2.2		12	2.2	ug/L		03/11/20 15:56	03/16/20 19:55	1
2-Nitroaniline	<2.6		12	2.6	ug/L		03/11/20 15:56	03/16/20 19:55	1

Client: SCS Engineers
Project/Site: Tidewater Gardens

Job ID: 400-184972-1

Client Sample ID: TMW-9
Date Collected: 03/05/20 11:20
Date Received: 03/06/20 08:50

Lab Sample ID: 400-184972-9
Matrix: Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitrophenol	<6.2	* *1	12	6.2	ug/L		03/11/20 15:56	03/16/20 19:55	1
3 & 4 Methylphenol	<0.47	*1	24	0.47	ug/L		03/11/20 15:56	03/16/20 19:55	1
3,3'-Dichlorobenzidine	<3.1	*	12	3.1	ug/L		03/11/20 15:56	03/16/20 19:55	1
3-Nitroaniline	<2.2		12	2.2	ug/L		03/11/20 15:56	03/16/20 19:55	1
4,6-Dinitro-2-methylphenol	<1.9	* *1	12	1.9	ug/L		03/11/20 15:56	03/16/20 19:55	1
4-Bromophenyl phenyl ether	<0.24		12	0.24	ug/L		03/11/20 15:56	03/16/20 19:55	1
4-Chloro-3-methylphenol	<4.6	*1	12	4.6	ug/L		03/11/20 15:56	03/16/20 19:55	1
4-Chloroaniline	<4.1		12	4.1	ug/L		03/11/20 15:56	03/16/20 19:55	1
4-Chlorophenyl phenyl ether	<2.4		12	2.4	ug/L		03/11/20 15:56	03/16/20 19:55	1
4-Nitroaniline	<1.8		12	1.8	ug/L		03/11/20 15:56	03/16/20 19:55	1
4-Nitrophenol	<2.5	* *1	12	2.5	ug/L		03/11/20 15:56	03/16/20 19:55	1
Acenaphthene	<0.19		12	0.19	ug/L		03/11/20 15:56	03/16/20 19:55	1
Acenaphthylene	<0.20		12	0.20	ug/L		03/11/20 15:56	03/16/20 19:55	1
Acetophenone	<0.17		12	0.17	ug/L		03/11/20 15:56	03/16/20 19:55	1
Aniline	<4.6		12	4.6	ug/L		03/11/20 15:56	03/16/20 19:55	1
Anthracene	<0.22		12	0.22	ug/L		03/11/20 15:56	03/16/20 19:55	1
Atrazine	<0.29		12	0.29	ug/L		03/11/20 15:56	03/16/20 19:55	1
Azobenzene	<1.2		12	1.2	ug/L		03/11/20 15:56	03/16/20 19:55	1
Benzaldehyde	<0.50		12	0.50	ug/L		03/11/20 15:56	03/16/20 19:55	1
Benzidine	<24	*1	30	24	ug/L		03/11/20 15:56	03/16/20 19:55	1
Benzo[a]anthracene	<0.22		12	0.22	ug/L		03/11/20 15:56	03/16/20 19:55	1
Benzo[a]pyrene	<0.14		12	0.14	ug/L		03/11/20 15:56	03/16/20 19:55	1
Benzo[b]fluoranthene	<0.18		12	0.18	ug/L		03/11/20 15:56	03/16/20 19:55	1
Benzo[g,h,i]perylene	<0.28		12	0.28	ug/L		03/11/20 15:56	03/16/20 19:55	1
Benzo[k]fluoranthene	<0.19		12	0.19	ug/L		03/11/20 15:56	03/16/20 19:55	1
Benzoic acid	<8.8		36	8.8	ug/L		03/11/20 15:56	03/16/20 19:55	1
Benzyl alcohol	<2.4		12	2.4	ug/L		03/11/20 15:56	03/16/20 19:55	1
Bis(2-chloroethoxy)methane	<0.19		12	0.19	ug/L		03/11/20 15:56	03/16/20 19:55	1
Bis(2-chloroethyl)ether	<3.2		12	3.2	ug/L		03/11/20 15:56	03/16/20 19:55	1
Bis(2-ethylhexyl) phthalate	<6.0		12	6.0	ug/L		03/11/20 15:56	03/16/20 19:55	1
Butyl benzyl phthalate	<0.23		12	0.23	ug/L		03/11/20 15:56	03/16/20 19:55	1
Caprolactam	<4.6		12	4.6	ug/L		03/11/20 15:56	03/16/20 19:55	1
Carbazole	<0.28		12	0.28	ug/L		03/11/20 15:56	03/16/20 19:55	1
Chrysene	<0.23		12	0.23	ug/L		03/11/20 15:56	03/16/20 19:55	1
Dibenz(a,h)anthracene	<0.29		12	0.29	ug/L		03/11/20 15:56	03/16/20 19:55	1
Dibenzofuran	<0.20		12	0.20	ug/L		03/11/20 15:56	03/16/20 19:55	1
Diethyl phthalate	**0.57**	**J B**	12	0.29	ug/L		03/11/20 15:56	03/16/20 19:55	1
Dimethyl phthalate	<0.20		12	0.20	ug/L		03/11/20 15:56	03/16/20 19:55	1
Di-n-butyl phthalate	<3.2		12	3.2	ug/L		03/11/20 15:56	03/16/20 19:55	1
Di-n-octyl phthalate	<0.20		12	0.20	ug/L		03/11/20 15:56	03/16/20 19:55	1
Fluoranthene	<0.22		12	0.22	ug/L		03/11/20 15:56	03/16/20 19:55	1
Fluorene	<0.22		12	0.22	ug/L		03/11/20 15:56	03/16/20 19:55	1
Hexachlorobenzene	<0.20		12	0.20	ug/L		03/11/20 15:56	03/16/20 19:55	1
Hexachlorobutadiene	<0.66		12	0.66	ug/L		03/11/20 15:56	03/16/20 19:55	1
Hexachlorocyclopentadiene	<3.1	* *1	24	3.1	ug/L		03/11/20 15:56	03/16/20 19:55	1
Hexachloroethane	<5.0		12	5.0	ug/L		03/11/20 15:56	03/16/20 19:55	1
Hexadecane	<1.2		12	1.2	ug/L		03/11/20 15:56	03/16/20 19:55	1
Indeno[1,2,3-cd]pyrene	<0.26		12	0.26	ug/L		03/11/20 15:56	03/16/20 19:55	1
Isophorone	<0.17		12	0.17	ug/L		03/11/20 15:56	03/16/20 19:55	1

Client Sample ID: TMW-9
Date Collected: 03/05/20 11:20
Date Received: 03/06/20 08:50

Lab Sample ID: 400-184972-9
Matrix: Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	<0.20		12	0.20	ug/L		03/11/20 15:56	03/16/20 19:55	1
n-Decane	<1.2		12	1.2	ug/L		03/11/20 15:56	03/16/20 19:55	1
Nitrobenzene	<0.16		12	0.16	ug/L		03/11/20 15:56	03/16/20 19:55	1
N-Nitrosodimethylamine	<4.2		12	4.2	ug/L		03/11/20 15:56	03/16/20 19:55	1
N-Nitrosodi-n-propylamine	<4.0		12	4.0	ug/L		03/11/20 15:56	03/16/20 19:55	1
N-Nitrosodiphenylamine	<0.22		12	0.22	ug/L		03/11/20 15:56	03/16/20 19:55	1
n-Octadecane	<1.2		12	1.2	ug/L		03/11/20 15:56	03/16/20 19:55	1
Pentachlorophenol	<1.7	*1	24	1.7	ug/L		03/11/20 15:56	03/16/20 19:55	1
Phenanthrene	<0.22		12	0.22	ug/L		03/11/20 15:56	03/16/20 19:55	1
Phenol	<3.1	* *1	12	3.1	ug/L		03/11/20 15:56	03/16/20 19:55	1
Pyrene	<0.25		12	0.25	ug/L		03/11/20 15:56	03/16/20 19:55	1
Pyridine	<3.8		12	3.8	ug/L		03/11/20 15:56	03/16/20 19:55	1
Sulfolane	<0.70		12	0.70	ug/L		03/11/20 15:56	03/16/20 19:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*64*		*26 - 150*	*03/11/20 15:56*	*03/16/20 19:55*	*1*
2-Fluorobiphenyl	*52*		*46 - 124*	*03/11/20 15:56*	*03/16/20 19:55*	*1*
2-Fluorophenol (Surr)	*26*		*13 - 113*	*03/11/20 15:56*	*03/16/20 19:55*	*1*
Nitrobenzene-d5 (Surr)	*46*		*36 - 126*	*03/11/20 15:56*	*03/16/20 19:55*	*1*
Phenol-d5 (Surr)	*40*		*17 - 127*	*03/11/20 15:56*	*03/16/20 19:55*	*1*
Terphenyl-d14 (Surr)	*72*		*44 - 149*	*03/11/20 15:56*	*03/16/20 19:55*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS) - RERA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dinitrobenzene	<1.1	H	11	1.1	ug/L		03/19/20 18:55	03/25/20 00:03	1
2,4-Dinitrophenol	<3.6	H	32	3.6	ug/L		03/19/20 18:55	03/25/20 00:03	1
2-Nitrophenol	<5.5	H	11	5.5	ug/L		03/19/20 18:55	03/25/20 00:03	1
3,3'-Dichlorobenzidine	<2.8	H	11	2.8	ug/L		03/19/20 18:55	03/25/20 00:03	1
4,6-Dinitro-2-methylphenol	<1.7	H	11	1.7	ug/L		03/19/20 18:55	03/25/20 00:03	1
4-Nitrophenol	<2.2	H	11	2.2	ug/L		03/19/20 18:55	03/25/20 00:03	1
Hexachlorocyclopentadiene	<2.8	H	21	2.8	ug/L		03/19/20 18:55	03/25/20 00:03	1
Phenol	<2.8	H	11	2.8	ug/L		03/19/20 18:55	03/25/20 00:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*95*		*26 - 150*	*03/19/20 18:55*	*03/25/20 00:03*	*1*
2-Fluorobiphenyl	*64*		*46 - 124*	*03/19/20 18:55*	*03/25/20 00:03*	*1*
2-Fluorophenol (Surr)	*42*		*13 - 113*	*03/19/20 18:55*	*03/25/20 00:03*	*1*
Nitrobenzene-d5 (Surr)	*71*		*36 - 126*	*03/19/20 18:55*	*03/25/20 00:03*	*1*
Phenol-d5 (Surr)	*54*		*17 - 127*	*03/19/20 18:55*	*03/25/20 00:03*	*1*
Terphenyl-d14 (Surr)	*86*		*44 - 149*	*03/19/20 18:55*	*03/25/20 00:03*	*1*

Method: 8015C - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO) -C6-C10	<47		100	47	ug/L			03/10/20 20:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene (fid)	*107*		*78 - 119*		*03/10/20 20:17*	*1*

Client: SCS Engineers
Project/Site: Tidewater Gardens

Job ID: 400-184972-1

Client Sample ID: TMW-9
Date Collected: 03/05/20 11:20
Date Received: 03/06/20 08:50

Lab Sample ID: 400-184972-9
Matrix: Water

Method: 8015C - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	180		120	99	ug/L		03/10/20 09:50	03/11/20 17:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*91*		*40 - 140*	*03/10/20 09:50*	*03/11/20 17:39*	*1*

Client: SCS Engineers
Project/Site: Tidewater Gardens

Job ID: 400-184972-1

Client Sample ID: TMW-10
Date Collected: 03/05/20 09:40
Date Received: 03/06/20 08:50

Lab Sample ID: 400-184972-10
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.52		1.0	0.52	ug/L			03/14/20 08:28	1
1,1,1-Trichloroethane	<0.50		1.0	0.50	ug/L			03/14/20 08:28	1
1,1,2,2-Tetrachloroethane	<0.50		1.0	0.50	ug/L			03/14/20 08:28	1
1,1,2-Trichloroethane	<0.50		5.0	0.50	ug/L			03/14/20 08:28	1
1,1-Dichloroethane	<0.50		1.0	0.50	ug/L			03/14/20 08:28	1
1,1-Dichloroethene	<0.50		1.0	0.50	ug/L			03/14/20 08:28	1
1,1-Dichloropropene	<0.50		1.0	0.50	ug/L			03/14/20 08:28	1
1,2,3-Trichlorobenzene	<0.70		1.0	0.70	ug/L			03/14/20 08:28	1
1,2,3-Trichloropropane	<0.84		5.0	0.84	ug/L			03/14/20 08:28	1
1,2,4-Trichlorobenzene	<0.82		1.0	0.82	ug/L			03/14/20 08:28	1
1,2,4-Trimethylbenzene	<0.82		1.0	0.82	ug/L			03/14/20 08:28	1
1,2-Dibromo-3-Chloropropane	<1.5		5.0	1.5	ug/L			03/14/20 08:28	1
1,2-Dichlorobenzene	<0.50		1.0	0.50	ug/L			03/14/20 08:28	1
1,2-Dichloroethane	<0.50		1.0	0.50	ug/L			03/14/20 08:28	1
1,2-Dichloropropane	<0.50		1.0	0.50	ug/L			03/14/20 08:28	1
1,3,5-Trimethylbenzene	<0.56		1.0	0.56	ug/L			03/14/20 08:28	1
1,3-Dichlorobenzene	<0.54		1.0	0.54	ug/L			03/14/20 08:28	1
1,3-Dichloropropane	<0.50		1.0	0.50	ug/L			03/14/20 08:28	1
1,4-Dichlorobenzene	<0.64		1.0	0.64	ug/L			03/14/20 08:28	1
2,2-Dichloropropane	<0.50		1.0	0.50	ug/L			03/14/20 08:28	1
2-Butanone (MEK)	<2.6		25	2.6	ug/L			03/14/20 08:28	1
2-Chlorotoluene	<0.57		1.0	0.57	ug/L			03/14/20 08:28	1
2-Hexanone	<3.1		25	3.1	ug/L			03/14/20 08:28	1
4-Chlorotoluene	<0.56		1.0	0.56	ug/L			03/14/20 08:28	1
4-Isopropyltoluene	<0.71		1.0	0.71	ug/L			03/14/20 08:28	1
4-Methyl-2-pentanone (MIBK)	<1.8		25	1.8	ug/L			03/14/20 08:28	1
Acetone	<10		25	10	ug/L			03/14/20 08:28	1
Benzene	<0.38		1.0	0.38	ug/L			03/14/20 08:28	1
Bromobenzene	<0.54		1.0	0.54	ug/L			03/14/20 08:28	1
Bromoform	<0.71		5.0	0.71	ug/L			03/14/20 08:28	1
Bromomethane	<0.98		1.0	0.98	ug/L			03/14/20 08:28	1
Carbon disulfide	<0.50		1.0	0.50	ug/L			03/14/20 08:28	1
Carbon tetrachloride	<0.50		1.0	0.50	ug/L			03/14/20 08:28	1
Chlorobenzene	<0.50		1.0	0.50	ug/L			03/14/20 08:28	1
Chlorobromomethane	<0.52		1.0	0.52	ug/L			03/14/20 08:28	1
Chlorodibromomethane	<0.50		1.0	0.50	ug/L			03/14/20 08:28	1
Chloroethane	<0.76		1.0	0.76	ug/L			03/14/20 08:28	1
Chloroform	<0.60		1.0	0.60	ug/L			03/14/20 08:28	1
Chloromethane	<0.83		1.0	0.83	ug/L			03/14/20 08:28	1
cis-1,2-Dichloroethene	<0.50		1.0	0.50	ug/L			03/14/20 08:28	1
cis-1,3-Dichloropropene	<0.50		5.0	0.50	ug/L			03/14/20 08:28	1
Dibromomethane	<0.59		5.0	0.59	ug/L			03/14/20 08:28	1
Dichlorobromomethane	<0.50		1.0	0.50	ug/L			03/14/20 08:28	1
Dichlorodifluoromethane	<0.85		1.0	0.85	ug/L			03/14/20 08:28	1
Ethylbenzene	<0.50		1.0	0.50	ug/L			03/14/20 08:28	1
Ethylene Dibromide	<0.50		1.0	0.50	ug/L			03/14/20 08:28	1
Hexachlorobutadiene	<0.90		5.0	0.90	ug/L			03/14/20 08:28	1
Iodomethane	<0.90		1.0	0.90	ug/L			03/14/20 08:28	1
Isopropyl ether	<0.70		1.0	0.70	ug/L			03/14/20 08:28	1

Client Sample ID: TMW-10
Date Collected: 03/05/20 09:40
Date Received: 03/06/20 08:50

Lab Sample ID: 400-184972-10
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	<0.53		1.0	0.53	ug/L			03/14/20 08:28	1
Methyl tert-butyl ether	<0.74		1.0	0.74	ug/L			03/14/20 08:28	1
Methylene Chloride	<3.0		5.0	3.0	ug/L			03/14/20 08:28	1
m-Xylene & p-Xylene	<1.6		5.0	1.6	ug/L			03/14/20 08:28	1
Naphthalene	<1.0		1.0	1.0	ug/L			03/14/20 08:28	1
n-Butylbenzene	<0.76		1.0	0.76	ug/L			03/14/20 08:28	1
N-Propylbenzene	<0.69		1.0	0.69	ug/L			03/14/20 08:28	1
o-Xylene	<0.60		5.0	0.60	ug/L			03/14/20 08:28	1
sec-Butylbenzene	<0.70		1.0	0.70	ug/L			03/14/20 08:28	1
Styrene	<1.0		1.0	1.0	ug/L			03/14/20 08:28	1
tert-Butylbenzene	<0.63		1.0	0.63	ug/L			03/14/20 08:28	1
Tetrachloroethene	<0.58		1.0	0.58	ug/L			03/14/20 08:28	1
Toluene	<0.41		1.0	0.41	ug/L			03/14/20 08:28	1
trans-1,2-Dichloroethene	<0.50		1.0	0.50	ug/L			03/14/20 08:28	1
trans-1,3-Dichloropropene	<0.50		5.0	0.50	ug/L			03/14/20 08:28	1
Trichloroethene	<0.50		1.0	0.50	ug/L			03/14/20 08:28	1
Trichlorofluoromethane	<0.52		1.0	0.52	ug/L			03/14/20 08:28	1
Vinyl acetate	<2.0		25	2.0	ug/L			03/14/20 08:28	1
Vinyl chloride	<0.50		1.0	0.50	ug/L			03/14/20 08:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*103*		*78 - 118*		*03/14/20 08:28*	*1*
Dibromofluoromethane	*95*		*81 - 121*		*03/14/20 08:28*	*1*
Toluene-d8 (Surr)	*105*		*80 - 120*		*03/14/20 08:28*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	<0.17		10	0.17	ug/L		03/12/20 14:47	03/16/20 18:41	1
1,2,4,5-Tetrachlorobenzene	<0.18		10	0.18	ug/L		03/12/20 14:47	03/16/20 18:41	1
1,2,4-Trichlorobenzene	<0.18		10	0.18	ug/L		03/12/20 14:47	03/16/20 18:41	1
1,2-Dichlorobenzene	<0.17		10	0.17	ug/L		03/12/20 14:47	03/16/20 18:41	1
1,3-Dichlorobenzene	<0.18		10	0.18	ug/L		03/12/20 14:47	03/16/20 18:41	1
1,3-Dinitrobenzene	<1.0		10	1.0	ug/L		03/12/20 14:47	03/16/20 18:41	1
1,4-Dichlorobenzene	<0.16		10	0.16	ug/L		03/12/20 14:47	03/16/20 18:41	1
1,4-Dioxane	<1.0		10	1.0	ug/L		03/12/20 14:47	03/16/20 18:41	1
1-Methylnaphthalene	<0.15		10	0.15	ug/L		03/12/20 14:47	03/16/20 18:41	1
2,2'-oxybis(1-chloropropane)	<0.16		10	0.16	ug/L		03/12/20 14:47	03/16/20 18:41	1
2,3,4,6-Tetrachlorophenol	<1.6		10	1.6	ug/L		03/12/20 14:47	03/16/20 18:41	1
2,4,5-Trichlorophenol	<3.7		10	3.7	ug/L		03/12/20 14:47	03/16/20 18:41	1
2,4,6-Trichlorophenol	<3.5		10	3.5	ug/L		03/12/20 14:47	03/16/20 18:41	1
2,4-Dichlorophenol	<3.0		10	3.0	ug/L		03/12/20 14:47	03/16/20 18:41	1
2,4-Dimethylphenol	<3.5		10	3.5	ug/L		03/12/20 14:47	03/16/20 18:41	1
2,4-Dinitrophenol	<3.4		30	3.4	ug/L		03/12/20 14:47	03/16/20 18:41	1
2,4-Dinitrotoluene	<1.9		10	1.9	ug/L		03/12/20 14:47	03/16/20 18:41	1
2,6-Dinitrotoluene	<1.9		10	1.9	ug/L		03/12/20 14:47	03/16/20 18:41	1
2-Chloronaphthalene	<0.14		10	0.14	ug/L		03/12/20 14:47	03/16/20 18:41	1
2-Chlorophenol	<2.2		10	2.2	ug/L		03/12/20 14:47	03/16/20 18:41	1
2-Methylnaphthalene	<0.13		10	0.13	ug/L		03/12/20 14:47	03/16/20 18:41	1
2-Methylphenol	<1.8		10	1.8	ug/L		03/12/20 14:47	03/16/20 18:41	1
2-Nitroaniline	<2.2		10	2.2	ug/L		03/12/20 14:47	03/16/20 18:41	1

Client: SCS Engineers
Project/Site: Tidewater Gardens

Job ID: 400-184972-1

Client Sample ID: TMW-10
Date Collected: 03/05/20 09:40
Date Received: 03/06/20 08:50

Lab Sample ID: 400-184972-10
Matrix: Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitrophenol	<5.2		10	5.2	ug/L		03/12/20 14:47	03/16/20 18:41	1
3 & 4 Methylphenol	<0.39		20	0.39	ug/L		03/12/20 14:47	03/16/20 18:41	1
3,3'-Dichlorobenzidine	<2.6		10	2.6	ug/L		03/12/20 14:47	03/16/20 18:41	1
3-Nitroaniline	<1.8		10	1.8	ug/L		03/12/20 14:47	03/16/20 18:41	1
4,6-Dinitro-2-methylphenol	<1.6		10	1.6	ug/L		03/12/20 14:47	03/16/20 18:41	1
4-Bromophenyl phenyl ether	<0.20		10	0.20	ug/L		03/12/20 14:47	03/16/20 18:41	1
4-Chloro-3-methylphenol	<3.8		10	3.8	ug/L		03/12/20 14:47	03/16/20 18:41	1
4-Chloroaniline	<3.4		10	3.4	ug/L		03/12/20 14:47	03/16/20 18:41	1
4-Chlorophenyl phenyl ether	<2.0		10	2.0	ug/L		03/12/20 14:47	03/16/20 18:41	1
4-Nitroaniline	<1.5		10	1.5	ug/L		03/12/20 14:47	03/16/20 18:41	1
4-Nitrophenol	<2.1		10	2.1	ug/L		03/12/20 14:47	03/16/20 18:41	1
Acenaphthene	<0.16		10	0.16	ug/L		03/12/20 14:47	03/16/20 18:41	1
Acenaphthylene	<0.17		10	0.17	ug/L		03/12/20 14:47	03/16/20 18:41	1
Acetophenone	<0.14		10	0.14	ug/L		03/12/20 14:47	03/16/20 18:41	1
Aniline	<3.8		10	3.8	ug/L		03/12/20 14:47	03/16/20 18:41	1
Anthracene	<0.18		10	0.18	ug/L		03/12/20 14:47	03/16/20 18:41	1
Atrazine	<0.24		10	0.24	ug/L		03/12/20 14:47	03/16/20 18:41	1
Azobenzene	<1.0		10	1.0	ug/L		03/12/20 14:47	03/16/20 18:41	1
Benzaldehyde	<0.42		10	0.42	ug/L		03/12/20 14:47	03/16/20 18:41	1
Benzidine	<20		25	20	ug/L		03/12/20 14:47	03/16/20 18:41	1
Benzo[a]anthracene	<0.18		10	0.18	ug/L		03/12/20 14:47	03/16/20 18:41	1
Benzo[a]pyrene	<0.12		10	0.12	ug/L		03/12/20 14:47	03/16/20 18:41	1
Benzo[b]fluoranthene	<0.15		10	0.15	ug/L		03/12/20 14:47	03/16/20 18:41	1
Benzo[g,h,i]perylene	<0.23		10	0.23	ug/L		03/12/20 14:47	03/16/20 18:41	1
Benzo[k]fluoranthene	<0.16		10	0.16	ug/L		03/12/20 14:47	03/16/20 18:41	1
Benzoic acid	<7.3	*1	30	7.3	ug/L		03/12/20 14:47	03/16/20 18:41	1
Benzyl alcohol	<2.0		10	2.0	ug/L		03/12/20 14:47	03/16/20 18:41	1
Bis(2-chloroethoxy)methane	<0.16		10	0.16	ug/L		03/12/20 14:47	03/16/20 18:41	1
Bis(2-chloroethyl)ether	<2.7		10	2.7	ug/L		03/12/20 14:47	03/16/20 18:41	1
Bis(2-ethylhexyl) phthalate	**14**	**B**	10	5.0	ug/L		03/12/20 14:47	03/16/20 18:41	1
Butyl benzyl phthalate	<0.19		10	0.19	ug/L		03/12/20 14:47	03/16/20 18:41	1
Caprolactam	<3.8		10	3.8	ug/L		03/12/20 14:47	03/16/20 18:41	1
Carbazole	<0.23		10	0.23	ug/L		03/12/20 14:47	03/16/20 18:41	1
Chrysene	<0.19		10	0.19	ug/L		03/12/20 14:47	03/16/20 18:41	1
Dibenz(a,h)anthracene	<0.24		10	0.24	ug/L		03/12/20 14:47	03/16/20 18:41	1
Dibenzofuran	<0.17		10	0.17	ug/L		03/12/20 14:47	03/16/20 18:41	1
Diethyl phthalate	<0.24		10	0.24	ug/L		03/12/20 14:47	03/16/20 18:41	1
Dimethyl phthalate	<0.17		10	0.17	ug/L		03/12/20 14:47	03/16/20 18:41	1
Di-n-butyl phthalate	<2.7		10	2.7	ug/L		03/12/20 14:47	03/16/20 18:41	1
Di-n-octyl phthalate	<0.17		10	0.17	ug/L		03/12/20 14:47	03/16/20 18:41	1
Fluoranthene	<0.18		10	0.18	ug/L		03/12/20 14:47	03/16/20 18:41	1
Fluorene	<0.18		10	0.18	ug/L		03/12/20 14:47	03/16/20 18:41	1
Hexachlorobenzene	<0.17		10	0.17	ug/L		03/12/20 14:47	03/16/20 18:41	1
Hexachlorobutadiene	<0.55	*1	10	0.55	ug/L		03/12/20 14:47	03/16/20 18:41	1
Hexachlorocyclopentadiene	<2.6	* *1	20	2.6	ug/L		03/12/20 14:47	03/16/20 18:41	1
Hexachloroethane	<4.2	*1	10	4.2	ug/L		03/12/20 14:47	03/16/20 18:41	1
Hexadecane	<1.0		10	1.0	ug/L		03/12/20 14:47	03/16/20 18:41	1
Indeno[1,2,3-cd]pyrene	<0.22		10	0.22	ug/L		03/12/20 14:47	03/16/20 18:41	1
Isophorone	<0.14		10	0.14	ug/L		03/12/20 14:47	03/16/20 18:41	1

Client Sample ID: TMW-10
Date Collected: 03/05/20 09:40
Date Received: 03/06/20 08:50

Lab Sample ID: 400-184972-10
Matrix: Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	<0.17		10	0.17	ug/L		03/12/20 14:47	03/16/20 18:41	1
n-Decane	<1.0	*1	10	1.0	ug/L		03/12/20 14:47	03/16/20 18:41	1
Nitrobenzene	<0.13		10	0.13	ug/L		03/12/20 14:47	03/16/20 18:41	1
N-Nitrosodimethylamine	<3.5		10	3.5	ug/L		03/12/20 14:47	03/16/20 18:41	1
N-Nitrosodi-n-propylamine	<3.3		10	3.3	ug/L		03/12/20 14:47	03/16/20 18:41	1
N-Nitrosodiphenylamine	<0.18		10	0.18	ug/L		03/12/20 14:47	03/16/20 18:41	1
n-Octadecane	<1.0		10	1.0	ug/L		03/12/20 14:47	03/16/20 18:41	1
Pentachlorophenol	<1.4		20	1.4	ug/L		03/12/20 14:47	03/16/20 18:41	1
Phenanthrene	<0.18		10	0.18	ug/L		03/12/20 14:47	03/16/20 18:41	1
Phenol	<2.6		10	2.6	ug/L		03/12/20 14:47	03/16/20 18:41	1
Pyrene	<0.21		10	0.21	ug/L		03/12/20 14:47	03/16/20 18:41	1
Pyridine	<3.2		10	3.2	ug/L		03/12/20 14:47	03/16/20 18:41	1
Sulfolane	<0.58		10	0.58	ug/L		03/12/20 14:47	03/16/20 18:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*61*		*26 - 150*	*03/12/20 14:47*	*03/16/20 18:41*	*1*
2-Fluorobiphenyl	*57*		*46 - 124*	*03/12/20 14:47*	*03/16/20 18:41*	*1*
2-Fluorophenol (Surr)	*51*		*13 - 113*	*03/12/20 14:47*	*03/16/20 18:41*	*1*
Nitrobenzene-d5 (Surr)	*54*		*36 - 126*	*03/12/20 14:47*	*03/16/20 18:41*	*1*
Phenol-d5 (Surr)	*59*		*17 - 127*	*03/12/20 14:47*	*03/16/20 18:41*	*1*
Terphenyl-d14 (Surr)	*58*		*44 - 149*	*03/12/20 14:47*	*03/16/20 18:41*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS) - RERA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-ethylhexyl) phthalate	**13**	**H B *1**	10	5.0	ug/L		03/19/20 18:55	03/24/20 13:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*50*		*26 - 150*	*03/19/20 18:55*	*03/24/20 13:11*	*1*
2-Fluorobiphenyl	*47*		*46 - 124*	*03/19/20 18:55*	*03/24/20 13:11*	*1*
2-Fluorophenol (Surr)	*33*		*13 - 113*	*03/19/20 18:55*	*03/24/20 13:11*	*1*
Nitrobenzene-d5 (Surr)	*51*		*36 - 126*	*03/19/20 18:55*	*03/24/20 13:11*	*1*
Phenol-d5 (Surr)	*47*		*17 - 127*	*03/19/20 18:55*	*03/24/20 13:11*	*1*
Terphenyl-d14 (Surr)	*64*		*44 - 149*	*03/19/20 18:55*	*03/24/20 13:11*	*1*

Method: 8015C - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO) -C6-C10	<47		100	47	ug/L			03/10/20 20:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene (fid)	*108*		*78 - 119*		*03/10/20 20:46*	*1*

Method: 8015C - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	<100		130	100	ug/L		03/10/20 09:50	03/11/20 17:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*89*		*40 - 140*	*03/10/20 09:50*	*03/11/20 17:49*	*1*

Client: SCS Engineers
Project/Site: Tidewater Gardens

Job ID: 400-184972-1

Client Sample ID: TMW-11
Date Collected: 03/05/20 10:30
Date Received: 03/06/20 08:50

Lab Sample ID: 400-184972-11
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.52		1.0	0.52	ug/L			03/14/20 08:55	1
1,1,1-Trichloroethane	<0.50		1.0	0.50	ug/L			03/14/20 08:55	1
1,1,2,2-Tetrachloroethane	<0.50		1.0	0.50	ug/L			03/14/20 08:55	1
1,1,2-Trichloroethane	<0.50		5.0	0.50	ug/L			03/14/20 08:55	1
1,1-Dichloroethane	<0.50		1.0	0.50	ug/L			03/14/20 08:55	1
1,1-Dichloroethene	<0.50		1.0	0.50	ug/L			03/14/20 08:55	1
1,1-Dichloropropene	<0.50		1.0	0.50	ug/L			03/14/20 08:55	1
1,2,3-Trichlorobenzene	<0.70		1.0	0.70	ug/L			03/14/20 08:55	1
1,2,3-Trichloropropane	<0.84		5.0	0.84	ug/L			03/14/20 08:55	1
1,2,4-Trichlorobenzene	<0.82		1.0	0.82	ug/L			03/14/20 08:55	1
1,2,4-Trimethylbenzene	<0.82		1.0	0.82	ug/L			03/14/20 08:55	1
1,2-Dibromo-3-Chloropropane	<1.5		5.0	1.5	ug/L			03/14/20 08:55	1
1,2-Dichlorobenzene	<0.50		1.0	0.50	ug/L			03/14/20 08:55	1
1,2-Dichloroethane	<0.50		1.0	0.50	ug/L			03/14/20 08:55	1
1,2-Dichloropropane	<0.50		1.0	0.50	ug/L			03/14/20 08:55	1
1,3,5-Trimethylbenzene	<0.56		1.0	0.56	ug/L			03/14/20 08:55	1
1,3-Dichlorobenzene	<0.54		1.0	0.54	ug/L			03/14/20 08:55	1
1,3-Dichloropropane	<0.50		1.0	0.50	ug/L			03/14/20 08:55	1
1,4-Dichlorobenzene	<0.64		1.0	0.64	ug/L			03/14/20 08:55	1
2,2-Dichloropropane	<0.50		1.0	0.50	ug/L			03/14/20 08:55	1
2-Butanone (MEK)	<2.6		25	2.6	ug/L			03/14/20 08:55	1
2-Chlorotoluene	<0.57		1.0	0.57	ug/L			03/14/20 08:55	1
2-Hexanone	<3.1		25	3.1	ug/L			03/14/20 08:55	1
4-Chlorotoluene	<0.56		1.0	0.56	ug/L			03/14/20 08:55	1
4-Isopropyltoluene	<0.71		1.0	0.71	ug/L			03/14/20 08:55	1
4-Methyl-2-pentanone (MIBK)	<1.8		25	1.8	ug/L			03/14/20 08:55	1
Acetone	<10		25	10	ug/L			03/14/20 08:55	1
Benzene	<0.38		1.0	0.38	ug/L			03/14/20 08:55	1
Bromobenzene	<0.54		1.0	0.54	ug/L			03/14/20 08:55	1
Bromoform	<0.71		5.0	0.71	ug/L			03/14/20 08:55	1
Bromomethane	<0.98		1.0	0.98	ug/L			03/14/20 08:55	1
Carbon disulfide	<0.50		1.0	0.50	ug/L			03/14/20 08:55	1
Carbon tetrachloride	<0.50		1.0	0.50	ug/L			03/14/20 08:55	1
Chlorobenzene	<0.50		1.0	0.50	ug/L			03/14/20 08:55	1
Chlorobromomethane	<0.52		1.0	0.52	ug/L			03/14/20 08:55	1
Chlorodibromomethane	<0.50		1.0	0.50	ug/L			03/14/20 08:55	1
Chloroethane	<0.76		1.0	0.76	ug/L			03/14/20 08:55	1
Chloroform	<0.60		1.0	0.60	ug/L			03/14/20 08:55	1
Chloromethane	<0.83		1.0	0.83	ug/L			03/14/20 08:55	1
cis-1,2-Dichloroethene	<0.50		1.0	0.50	ug/L			03/14/20 08:55	1
cis-1,3-Dichloropropene	<0.50		5.0	0.50	ug/L			03/14/20 08:55	1
Dibromomethane	<0.59		5.0	0.59	ug/L			03/14/20 08:55	1
Dichlorobromomethane	<0.50		1.0	0.50	ug/L			03/14/20 08:55	1
Dichlorodifluoromethane	<0.85		1.0	0.85	ug/L			03/14/20 08:55	1
Ethylbenzene	<0.50		1.0	0.50	ug/L			03/14/20 08:55	1
Ethylene Dibromide	<0.50		1.0	0.50	ug/L			03/14/20 08:55	1
Hexachlorobutadiene	<0.90		5.0	0.90	ug/L			03/14/20 08:55	1
Iodomethane	<0.90		1.0	0.90	ug/L			03/14/20 08:55	1
Isopropyl ether	<0.70		1.0	0.70	ug/L			03/14/20 08:55	1

Client Sample ID: TMW-11
Date Collected: 03/05/20 10:30
Date Received: 03/06/20 08:50

Lab Sample ID: 400-184972-11
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	<0.53		1.0	0.53	ug/L			03/14/20 08:55	1
Methyl tert-butyl ether	<0.74		1.0	0.74	ug/L			03/14/20 08:55	1
Methylene Chloride	<3.0		5.0	3.0	ug/L			03/14/20 08:55	1
m-Xylene & p-Xylene	<1.6		5.0	1.6	ug/L			03/14/20 08:55	1
Naphthalene	<1.0		1.0	1.0	ug/L			03/14/20 08:55	1
n-Butylbenzene	<0.76		1.0	0.76	ug/L			03/14/20 08:55	1
N-Propylbenzene	<0.69		1.0	0.69	ug/L			03/14/20 08:55	1
o-Xylene	<0.60		5.0	0.60	ug/L			03/14/20 08:55	1
sec-Butylbenzene	<0.70		1.0	0.70	ug/L			03/14/20 08:55	1
Styrene	<1.0		1.0	1.0	ug/L			03/14/20 08:55	1
tert-Butylbenzene	<0.63		1.0	0.63	ug/L			03/14/20 08:55	1
Tetrachloroethene	<0.58		1.0	0.58	ug/L			03/14/20 08:55	1
Toluene	<0.41		1.0	0.41	ug/L			03/14/20 08:55	1
trans-1,2-Dichloroethene	<0.50		1.0	0.50	ug/L			03/14/20 08:55	1
trans-1,3-Dichloropropene	<0.50		5.0	0.50	ug/L			03/14/20 08:55	1
Trichloroethene	<0.50		1.0	0.50	ug/L			03/14/20 08:55	1
Trichlorofluoromethane	<0.52		1.0	0.52	ug/L			03/14/20 08:55	1
Vinyl acetate	<2.0		25	2.0	ug/L			03/14/20 08:55	1
Vinyl chloride	<0.50		1.0	0.50	ug/L			03/14/20 08:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*103*		*78 - 118*		*03/14/20 08:55*	*1*
Dibromofluoromethane	*96*		*81 - 121*		*03/14/20 08:55*	*1*
Toluene-d8 (Surr)	*104*		*80 - 120*		*03/14/20 08:55*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	<0.17		9.8	0.17	ug/L		03/12/20 14:47	03/16/20 19:07	1
1,2,4,5-Tetrachlorobenzene	<0.18		9.8	0.18	ug/L		03/12/20 14:47	03/16/20 19:07	1
1,2,4-Trichlorobenzene	<0.18		9.8	0.18	ug/L		03/12/20 14:47	03/16/20 19:07	1
1,2-Dichlorobenzene	<0.17		9.8	0.17	ug/L		03/12/20 14:47	03/16/20 19:07	1
1,3-Dichlorobenzene	<0.18		9.8	0.18	ug/L		03/12/20 14:47	03/16/20 19:07	1
1,3-Dinitrobenzene	<0.98		9.8	0.98	ug/L		03/12/20 14:47	03/16/20 19:07	1
1,4-Dichlorobenzene	<0.16		9.8	0.16	ug/L		03/12/20 14:47	03/16/20 19:07	1
1,4-Dioxane	<0.98		9.8	0.98	ug/L		03/12/20 14:47	03/16/20 19:07	1
1-Methylnaphthalene	<0.15		9.8	0.15	ug/L		03/12/20 14:47	03/16/20 19:07	1
2,2'-oxybis(1-chloropropane)	<0.16		9.8	0.16	ug/L		03/12/20 14:47	03/16/20 19:07	1
2,3,4,6-Tetrachlorophenol	<1.6		9.8	1.6	ug/L		03/12/20 14:47	03/16/20 19:07	1
2,4,5-Trichlorophenol	<3.6		9.8	3.6	ug/L		03/12/20 14:47	03/16/20 19:07	1
2,4,6-Trichlorophenol	<3.4		9.8	3.4	ug/L		03/12/20 14:47	03/16/20 19:07	1
2,4-Dichlorophenol	<2.9		9.8	2.9	ug/L		03/12/20 14:47	03/16/20 19:07	1
2,4-Dimethylphenol	<3.4		9.8	3.4	ug/L		03/12/20 14:47	03/16/20 19:07	1
2,4-Dinitrophenol	<3.3		29	3.3	ug/L		03/12/20 14:47	03/16/20 19:07	1
2,4-Dinitrotoluene	<1.9		9.8	1.9	ug/L		03/12/20 14:47	03/16/20 19:07	1
2,6-Dinitrotoluene	<1.9		9.8	1.9	ug/L		03/12/20 14:47	03/16/20 19:07	1
2-Chloronaphthalene	<0.14		9.8	0.14	ug/L		03/12/20 14:47	03/16/20 19:07	1
2-Chlorophenol	<2.2		9.8	2.2	ug/L		03/12/20 14:47	03/16/20 19:07	1
2-Methylnaphthalene	<0.13		9.8	0.13	ug/L		03/12/20 14:47	03/16/20 19:07	1
2-Methylphenol	<1.8		9.8	1.8	ug/L		03/12/20 14:47	03/16/20 19:07	1
2-Nitroaniline	<2.2		9.8	2.2	ug/L		03/12/20 14:47	03/16/20 19:07	1

Client: SCS Engineers
Project/Site: Tidewater Gardens

Job ID: 400-184972-1

Client Sample ID: TMW-11
Date Collected: 03/05/20 10:30
Date Received: 03/06/20 08:50

Lab Sample ID: 400-184972-11
Matrix: Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitrophenol	<5.1		9.8	5.1	ug/L		03/12/20 14:47	03/16/20 19:07	1
3 & 4 Methylphenol	<0.38		20	0.38	ug/L		03/12/20 14:47	03/16/20 19:07	1
3,3'-Dichlorobenzidine	<2.5		9.8	2.5	ug/L		03/12/20 14:47	03/16/20 19:07	1
3-Nitroaniline	<1.8		9.8	1.8	ug/L		03/12/20 14:47	03/16/20 19:07	1
4,6-Dinitro-2-methylphenol	<1.6		9.8	1.6	ug/L		03/12/20 14:47	03/16/20 19:07	1
4-Bromophenyl phenyl ether	<0.20		9.8	0.20	ug/L		03/12/20 14:47	03/16/20 19:07	1
4-Chloro-3-methylphenol	<3.7		9.8	3.7	ug/L		03/12/20 14:47	03/16/20 19:07	1
4-Chloroaniline	<3.3		9.8	3.3	ug/L		03/12/20 14:47	03/16/20 19:07	1
4-Chlorophenyl phenyl ether	<2.0		9.8	2.0	ug/L		03/12/20 14:47	03/16/20 19:07	1
4-Nitroaniline	<1.5		9.8	1.5	ug/L		03/12/20 14:47	03/16/20 19:07	1
4-Nitrophenol	<2.1		9.8	2.1	ug/L		03/12/20 14:47	03/16/20 19:07	1
Acenaphthene	<0.16		9.8	0.16	ug/L		03/12/20 14:47	03/16/20 19:07	1
Acenaphthylene	<0.17		9.8	0.17	ug/L		03/12/20 14:47	03/16/20 19:07	1
Acetophenone	<0.14		9.8	0.14	ug/L		03/12/20 14:47	03/16/20 19:07	1
Aniline	<3.7		9.8	3.7	ug/L		03/12/20 14:47	03/16/20 19:07	1
Anthracene	<0.18		9.8	0.18	ug/L		03/12/20 14:47	03/16/20 19:07	1
Atrazine	<0.24		9.8	0.24	ug/L		03/12/20 14:47	03/16/20 19:07	1
Azobenzene	<0.98		9.8	0.98	ug/L		03/12/20 14:47	03/16/20 19:07	1
Benzaldehyde	<0.41		9.8	0.41	ug/L		03/12/20 14:47	03/16/20 19:07	1
Benzidine	<20		24	20	ug/L		03/12/20 14:47	03/16/20 19:07	1
Benzo[a]anthracene	<0.18		9.8	0.18	ug/L		03/12/20 14:47	03/16/20 19:07	1
Benzo[a]pyrene	<0.12		9.8	0.12	ug/L		03/12/20 14:47	03/16/20 19:07	1
Benzo[b]fluoranthene	<0.15		9.8	0.15	ug/L		03/12/20 14:47	03/16/20 19:07	1
Benzo[g,h,i]perylene	<0.23		9.8	0.23	ug/L		03/12/20 14:47	03/16/20 19:07	1
Benzo[k]fluoranthene	<0.16		9.8	0.16	ug/L		03/12/20 14:47	03/16/20 19:07	1
Benzoic acid	<7.2	*1	29	7.2	ug/L		03/12/20 14:47	03/16/20 19:07	1
Benzyl alcohol	<2.0		9.8	2.0	ug/L		03/12/20 14:47	03/16/20 19:07	1
Bis(2-chloroethoxy)methane	<0.16		9.8	0.16	ug/L		03/12/20 14:47	03/16/20 19:07	1
Bis(2-chloroethyl)ether	<2.6		9.8	2.6	ug/L		03/12/20 14:47	03/16/20 19:07	1
Bis(2-ethylhexyl) phthalate	<4.9		9.8	4.9	ug/L		03/12/20 14:47	03/16/20 19:07	1
Butyl benzyl phthalate	<0.19		9.8	0.19	ug/L		03/12/20 14:47	03/16/20 19:07	1
Caprolactam	<3.7		9.8	3.7	ug/L		03/12/20 14:47	03/16/20 19:07	1
Carbazole	<0.23		9.8	0.23	ug/L		03/12/20 14:47	03/16/20 19:07	1
Chrysene	<0.19		9.8	0.19	ug/L		03/12/20 14:47	03/16/20 19:07	1
Dibenz(a,h)anthracene	<0.24		9.8	0.24	ug/L		03/12/20 14:47	03/16/20 19:07	1
Dibenzofuran	<0.17		9.8	0.17	ug/L		03/12/20 14:47	03/16/20 19:07	1
Diethyl phthalate	<0.24		9.8	0.24	ug/L		03/12/20 14:47	03/16/20 19:07	1
Dimethyl phthalate	<0.17		9.8	0.17	ug/L		03/12/20 14:47	03/16/20 19:07	1
Di-n-butyl phthalate	<2.6		9.8	2.6	ug/L		03/12/20 14:47	03/16/20 19:07	1
Di-n-octyl phthalate	<0.17		9.8	0.17	ug/L		03/12/20 14:47	03/16/20 19:07	1
Fluoranthene	<0.18		9.8	0.18	ug/L		03/12/20 14:47	03/16/20 19:07	1
Fluorene	<0.18		9.8	0.18	ug/L		03/12/20 14:47	03/16/20 19:07	1
Hexachlorobenzene	<0.17		9.8	0.17	ug/L		03/12/20 14:47	03/16/20 19:07	1
Hexachlorobutadiene	<0.54	*1	9.8	0.54	ug/L		03/12/20 14:47	03/16/20 19:07	1
Hexachlorocyclopentadiene	<2.5	* *1	20	2.5	ug/L		03/12/20 14:47	03/16/20 19:07	1
Hexachloroethane	<4.1	*1	9.8	4.1	ug/L		03/12/20 14:47	03/16/20 19:07	1
Hexadecane	<0.98		9.8	0.98	ug/L		03/12/20 14:47	03/16/20 19:07	1
Indeno[1,2,3-cd]pyrene	<0.22		9.8	0.22	ug/L		03/12/20 14:47	03/16/20 19:07	1
Isophorone	<0.14		9.8	0.14	ug/L		03/12/20 14:47	03/16/20 19:07	1

Client: SCS Engineers
Project/Site: Tidewater Gardens

Job ID: 400-184972-1

Client Sample ID: TMW-11

Date Collected: 03/05/20 10:30
Date Received: 03/06/20 08:50

Lab Sample ID: 400-184972-11

Matrix: Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	<0.17		9.8	0.17	ug/L		03/12/20 14:47	03/16/20 19:07	1
n-Decane	<0.98	*1	9.8	0.98	ug/L		03/12/20 14:47	03/16/20 19:07	1
Nitrobenzene	<0.13		9.8	0.13	ug/L		03/12/20 14:47	03/16/20 19:07	1
N-Nitrosodimethylamine	<3.4		9.8	3.4	ug/L		03/12/20 14:47	03/16/20 19:07	1
N-Nitrosodi-n-propylamine	<3.2		9.8	3.2	ug/L		03/12/20 14:47	03/16/20 19:07	1
N-Nitrosodiphenylamine	<0.18		9.8	0.18	ug/L		03/12/20 14:47	03/16/20 19:07	1
n-Octadecane	<0.98		9.8	0.98	ug/L		03/12/20 14:47	03/16/20 19:07	1
Pentachlorophenol	<1.4		20	1.4	ug/L		03/12/20 14:47	03/16/20 19:07	1
Phenanthrene	<0.18		9.8	0.18	ug/L		03/12/20 14:47	03/16/20 19:07	1
Phenol	<2.5		9.8	2.5	ug/L		03/12/20 14:47	03/16/20 19:07	1
Pyrene	<0.21		9.8	0.21	ug/L		03/12/20 14:47	03/16/20 19:07	1
Pyridine	<3.1		9.8	3.1	ug/L		03/12/20 14:47	03/16/20 19:07	1
Sulfolane	<0.57		9.8	0.57	ug/L		03/12/20 14:47	03/16/20 19:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*62*		*26 - 150*	*03/12/20 14:47*	*03/16/20 19:07*	*1*
2-Fluorobiphenyl	*59*		*46 - 124*	*03/12/20 14:47*	*03/16/20 19:07*	*1*
2-Fluorophenol (Surr)	*47*		*13 - 113*	*03/12/20 14:47*	*03/16/20 19:07*	*1*
Nitrobenzene-d5 (Surr)	*54*		*36 - 126*	*03/12/20 14:47*	*03/16/20 19:07*	*1*
Phenol-d5 (Surr)	*57*		*17 - 127*	*03/12/20 14:47*	*03/16/20 19:07*	*1*
Terphenyl-d14 (Surr)	*60*		*44 - 149*	*03/12/20 14:47*	*03/16/20 19:07*	*1*

Method: 8015C - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO) -C6-C10	<47		100	47	ug/L			03/10/20 21:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene (fid)	*108*		*78 - 119*		*03/10/20 21:14*	*1*

Method: 8015C - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**170**		130	100	ug/L		03/10/20 09:50	03/11/20 17:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*79*		*40 - 140*	*03/10/20 09:50*	*03/11/20 17:59*	*1*

Client: SCS Engineers
Project/Site: Tidewater Gardens

Job ID: 400-184972-1

Client Sample ID: TMW-DUP
Date Collected: 03/05/20 10:40
Date Received: 03/06/20 08:50

Lab Sample ID: 400-184972-12
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.52		1.0	0.52	ug/L			03/14/20 09:19	1
1,1,1-Trichloroethane	<0.50		1.0	0.50	ug/L			03/14/20 09:19	1
1,1,2,2-Tetrachloroethane	<0.50		1.0	0.50	ug/L			03/14/20 09:19	1
1,1,2-Trichloroethane	<0.50		5.0	0.50	ug/L			03/14/20 09:19	1
1,1-Dichloroethane	<0.50		1.0	0.50	ug/L			03/14/20 09:19	1
1,1-Dichloroethene	<0.50		1.0	0.50	ug/L			03/14/20 09:19	1
1,1-Dichloropropene	<0.50		1.0	0.50	ug/L			03/14/20 09:19	1
1,2,3-Trichlorobenzene	<0.70		1.0	0.70	ug/L			03/14/20 09:19	1
1,2,3-Trichloropropane	<0.84		5.0	0.84	ug/L			03/14/20 09:19	1
1,2,4-Trichlorobenzene	<0.82		1.0	0.82	ug/L			03/14/20 09:19	1
1,2,4-Trimethylbenzene	<0.82		1.0	0.82	ug/L			03/14/20 09:19	1
1,2-Dibromo-3-Chloropropane	<1.5		5.0	1.5	ug/L			03/14/20 09:19	1
1,2-Dichlorobenzene	<0.50		1.0	0.50	ug/L			03/14/20 09:19	1
1,2-Dichloroethane	<0.50		1.0	0.50	ug/L			03/14/20 09:19	1
1,2-Dichloropropane	<0.50		1.0	0.50	ug/L			03/14/20 09:19	1
1,3,5-Trimethylbenzene	<0.56		1.0	0.56	ug/L			03/14/20 09:19	1
1,3-Dichlorobenzene	<0.54		1.0	0.54	ug/L			03/14/20 09:19	1
1,3-Dichloropropane	<0.50		1.0	0.50	ug/L			03/14/20 09:19	1
1,4-Dichlorobenzene	<0.64		1.0	0.64	ug/L			03/14/20 09:19	1
2,2-Dichloropropane	<0.50		1.0	0.50	ug/L			03/14/20 09:19	1
2-Butanone (MEK)	<2.6		25	2.6	ug/L			03/14/20 09:19	1
2-Chlorotoluene	<0.57		1.0	0.57	ug/L			03/14/20 09:19	1
2-Hexanone	<3.1		25	3.1	ug/L			03/14/20 09:19	1
4-Chlorotoluene	<0.56		1.0	0.56	ug/L			03/14/20 09:19	1
4-Isopropyltoluene	<0.71		1.0	0.71	ug/L			03/14/20 09:19	1
4-Methyl-2-pentanone (MIBK)	<1.8		25	1.8	ug/L			03/14/20 09:19	1
Acetone	<10		25	10	ug/L			03/14/20 09:19	1
Benzene	<0.38		1.0	0.38	ug/L			03/14/20 09:19	1
Bromobenzene	<0.54		1.0	0.54	ug/L			03/14/20 09:19	1
Bromoform	<0.71		5.0	0.71	ug/L			03/14/20 09:19	1
Bromomethane	<0.98		1.0	0.98	ug/L			03/14/20 09:19	1
Carbon disulfide	<0.50		1.0	0.50	ug/L			03/14/20 09:19	1
Carbon tetrachloride	<0.50		1.0	0.50	ug/L			03/14/20 09:19	1
Chlorobenzene	<0.50		1.0	0.50	ug/L			03/14/20 09:19	1
Chlorobromomethane	<0.52		1.0	0.52	ug/L			03/14/20 09:19	1
Chlorodibromomethane	<0.50		1.0	0.50	ug/L			03/14/20 09:19	1
Chloroethane	<0.76		1.0	0.76	ug/L			03/14/20 09:19	1
Chloroform	<0.60		1.0	0.60	ug/L			03/14/20 09:19	1
Chloromethane	<0.83		1.0	0.83	ug/L			03/14/20 09:19	1
cis-1,2-Dichloroethene	<0.50		1.0	0.50	ug/L			03/14/20 09:19	1
cis-1,3-Dichloropropene	<0.50		5.0	0.50	ug/L			03/14/20 09:19	1
Dibromomethane	<0.59		5.0	0.59	ug/L			03/14/20 09:19	1
Dichlorobromomethane	<0.50		1.0	0.50	ug/L			03/14/20 09:19	1
Dichlorodifluoromethane	<0.85		1.0	0.85	ug/L			03/14/20 09:19	1
Ethylbenzene	<0.50		1.0	0.50	ug/L			03/14/20 09:19	1
Ethylene Dibromide	<0.50		1.0	0.50	ug/L			03/14/20 09:19	1
Hexachlorobutadiene	<0.90		5.0	0.90	ug/L			03/14/20 09:19	1
Iodomethane	<0.90		1.0	0.90	ug/L			03/14/20 09:19	1
Isopropyl ether	<0.70		1.0	0.70	ug/L			03/14/20 09:19	1

Client Sample ID: TMW-DUP
Date Collected: 03/05/20 10:40
Date Received: 03/06/20 08:50

Lab Sample ID: 400-184972-12
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	<0.53		1.0	0.53	ug/L			03/14/20 09:19	1
Methyl tert-butyl ether	<0.74		1.0	0.74	ug/L			03/14/20 09:19	1
Methylene Chloride	<3.0		5.0	3.0	ug/L			03/14/20 09:19	1
m-Xylene & p-Xylene	<1.6		5.0	1.6	ug/L			03/14/20 09:19	1
Naphthalene	<1.0		1.0	1.0	ug/L			03/14/20 09:19	1
n-Butylbenzene	<0.76		1.0	0.76	ug/L			03/14/20 09:19	1
N-Propylbenzene	<0.69		1.0	0.69	ug/L			03/14/20 09:19	1
o-Xylene	<0.60		5.0	0.60	ug/L			03/14/20 09:19	1
sec-Butylbenzene	<0.70		1.0	0.70	ug/L			03/14/20 09:19	1
Styrene	<1.0		1.0	1.0	ug/L			03/14/20 09:19	1
tert-Butylbenzene	<0.63		1.0	0.63	ug/L			03/14/20 09:19	1
Tetrachloroethene	<0.58		1.0	0.58	ug/L			03/14/20 09:19	1
Toluene	<0.41		1.0	0.41	ug/L			03/14/20 09:19	1
trans-1,2-Dichloroethene	<0.50		1.0	0.50	ug/L			03/14/20 09:19	1
trans-1,3-Dichloropropene	<0.50		5.0	0.50	ug/L			03/14/20 09:19	1
Trichloroethene	<0.50		1.0	0.50	ug/L			03/14/20 09:19	1
Trichlorofluoromethane	<0.52		1.0	0.52	ug/L			03/14/20 09:19	1
Vinyl acetate	<2.0		25	2.0	ug/L			03/14/20 09:19	1
Vinyl chloride	<0.50		1.0	0.50	ug/L			03/14/20 09:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*104*		*78 - 118*		*03/14/20 09:19*	*1*
Dibromofluoromethane	*92*		*81 - 121*		*03/14/20 09:19*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*03/14/20 09:19*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	<0.16		9.3	0.16	ug/L		03/12/20 14:47	03/16/20 19:33	1
1,2,4,5-Tetrachlorobenzene	<0.17		9.3	0.17	ug/L		03/12/20 14:47	03/16/20 19:33	1
1,2,4-Trichlorobenzene	<0.17		9.3	0.17	ug/L		03/12/20 14:47	03/16/20 19:33	1
1,2-Dichlorobenzene	<0.16		9.3	0.16	ug/L		03/12/20 14:47	03/16/20 19:33	1
1,3-Dichlorobenzene	<0.17		9.3	0.17	ug/L		03/12/20 14:47	03/16/20 19:33	1
1,3-Dinitrobenzene	<0.93		9.3	0.93	ug/L		03/12/20 14:47	03/16/20 19:33	1
1,4-Dichlorobenzene	<0.15		9.3	0.15	ug/L		03/12/20 14:47	03/16/20 19:33	1
1,4-Dioxane	<0.93		9.3	0.93	ug/L		03/12/20 14:47	03/16/20 19:33	1
1-Methylnaphthalene	<0.14		9.3	0.14	ug/L		03/12/20 14:47	03/16/20 19:33	1
2,2'-oxybis(1-chloropropane)	<0.15		9.3	0.15	ug/L		03/12/20 14:47	03/16/20 19:33	1
2,3,4,6-Tetrachlorophenol	<1.5		9.3	1.5	ug/L		03/12/20 14:47	03/16/20 19:33	1
2,4,5-Trichlorophenol	<3.4		9.3	3.4	ug/L		03/12/20 14:47	03/16/20 19:33	1
2,4,6-Trichlorophenol	<3.3		9.3	3.3	ug/L		03/12/20 14:47	03/16/20 19:33	1
2,4-Dichlorophenol	<2.8		9.3	2.8	ug/L		03/12/20 14:47	03/16/20 19:33	1
2,4-Dimethylphenol	<3.3		9.3	3.3	ug/L		03/12/20 14:47	03/16/20 19:33	1
2,4-Dinitrophenol	<3.2		28	3.2	ug/L		03/12/20 14:47	03/16/20 19:33	1
2,4-Dinitrotoluene	<1.8		9.3	1.8	ug/L		03/12/20 14:47	03/16/20 19:33	1
2,6-Dinitrotoluene	<1.8		9.3	1.8	ug/L		03/12/20 14:47	03/16/20 19:33	1
2-Chloronaphthalene	<0.13		9.3	0.13	ug/L		03/12/20 14:47	03/16/20 19:33	1
2-Chlorophenol	<2.0		9.3	2.0	ug/L		03/12/20 14:47	03/16/20 19:33	1
2-Methylnaphthalene	<0.12		9.3	0.12	ug/L		03/12/20 14:47	03/16/20 19:33	1
2-Methylphenol	<1.7		9.3	1.7	ug/L		03/12/20 14:47	03/16/20 19:33	1
2-Nitroaniline	<2.0		9.3	2.0	ug/L		03/12/20 14:47	03/16/20 19:33	1

Client: SCS Engineers
Project/Site: Tidewater Gardens

Job ID: 400-184972-1

Client Sample ID: TMW-DUP
Date Collected: 03/05/20 10:40
Date Received: 03/06/20 08:50

Lab Sample ID: 400-184972-12
Matrix: Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitrophenol	<4.8		9.3	4.8	ug/L		03/12/20 14:47	03/16/20 19:33	1
3 & 4 Methylphenol	<0.36		19	0.36	ug/L		03/12/20 14:47	03/16/20 19:33	1
3,3'-Dichlorobenzidine	<2.4		9.3	2.4	ug/L		03/12/20 14:47	03/16/20 19:33	1
3-Nitroaniline	<1.7		9.3	1.7	ug/L		03/12/20 14:47	03/16/20 19:33	1
4,6-Dinitro-2-methylphenol	<1.5		9.3	1.5	ug/L		03/12/20 14:47	03/16/20 19:33	1
4-Bromophenyl phenyl ether	<0.19		9.3	0.19	ug/L		03/12/20 14:47	03/16/20 19:33	1
4-Chloro-3-methylphenol	<3.5		9.3	3.5	ug/L		03/12/20 14:47	03/16/20 19:33	1
4-Chloroaniline	<3.2		9.3	3.2	ug/L		03/12/20 14:47	03/16/20 19:33	1
4-Chlorophenyl phenyl ether	<1.9		9.3	1.9	ug/L		03/12/20 14:47	03/16/20 19:33	1
4-Nitroaniline	<1.4		9.3	1.4	ug/L		03/12/20 14:47	03/16/20 19:33	1
4-Nitrophenol	<2.0		9.3	2.0	ug/L		03/12/20 14:47	03/16/20 19:33	1
Acenaphthene	<0.15		9.3	0.15	ug/L		03/12/20 14:47	03/16/20 19:33	1
Acenaphthylene	<0.16		9.3	0.16	ug/L		03/12/20 14:47	03/16/20 19:33	1
Acetophenone	<0.13		9.3	0.13	ug/L		03/12/20 14:47	03/16/20 19:33	1
Aniline	<3.5		9.3	3.5	ug/L		03/12/20 14:47	03/16/20 19:33	1
Anthracene	<0.17		9.3	0.17	ug/L		03/12/20 14:47	03/16/20 19:33	1
Atrazine	<0.22		9.3	0.22	ug/L		03/12/20 14:47	03/16/20 19:33	1
Azobenzene	<0.93		9.3	0.93	ug/L		03/12/20 14:47	03/16/20 19:33	1
Benzaldehyde	<0.39		9.3	0.39	ug/L		03/12/20 14:47	03/16/20 19:33	1
Benzidine	<19		23	19	ug/L		03/12/20 14:47	03/16/20 19:33	1
Benzo[a]anthracene	<0.17		9.3	0.17	ug/L		03/12/20 14:47	03/16/20 19:33	1
Benzo[a]pyrene	<0.11		9.3	0.11	ug/L		03/12/20 14:47	03/16/20 19:33	1
Benzo[b]fluoranthene	<0.14		9.3	0.14	ug/L		03/12/20 14:47	03/16/20 19:33	1
Benzo[g,h,i]perylene	<0.21		9.3	0.21	ug/L		03/12/20 14:47	03/16/20 19:33	1
Benzo[k]fluoranthene	<0.15		9.3	0.15	ug/L		03/12/20 14:47	03/16/20 19:33	1
Benzoic acid	<6.8	*1	28	6.8	ug/L		03/12/20 14:47	03/16/20 19:33	1
Benzyl alcohol	<1.9		9.3	1.9	ug/L		03/12/20 14:47	03/16/20 19:33	1
Bis(2-chloroethoxy)methane	<0.15		9.3	0.15	ug/L		03/12/20 14:47	03/16/20 19:33	1
Bis(2-chloroethyl)ether	<2.5		9.3	2.5	ug/L		03/12/20 14:47	03/16/20 19:33	1
Bis(2-ethylhexyl) phthalate	<4.6		9.3	4.6	ug/L		03/12/20 14:47	03/16/20 19:33	1
Butyl benzyl phthalate	<0.18		9.3	0.18	ug/L		03/12/20 14:47	03/16/20 19:33	1
Caprolactam	<3.5		9.3	3.5	ug/L		03/12/20 14:47	03/16/20 19:33	1
Carbazole	<0.21		9.3	0.21	ug/L		03/12/20 14:47	03/16/20 19:33	1
Chrysene	<0.18		9.3	0.18	ug/L		03/12/20 14:47	03/16/20 19:33	1
Dibenz(a,h)anthracene	<0.22		9.3	0.22	ug/L		03/12/20 14:47	03/16/20 19:33	1
Dibenzofuran	<0.16		9.3	0.16	ug/L		03/12/20 14:47	03/16/20 19:33	1
Diethyl phthalate	<0.22		9.3	0.22	ug/L		03/12/20 14:47	03/16/20 19:33	1
Dimethyl phthalate	<0.16		9.3	0.16	ug/L		03/12/20 14:47	03/16/20 19:33	1
Di-n-butyl phthalate	<2.5		9.3	2.5	ug/L		03/12/20 14:47	03/16/20 19:33	1
Di-n-octyl phthalate	<0.16		9.3	0.16	ug/L		03/12/20 14:47	03/16/20 19:33	1
Fluoranthene	<0.17		9.3	0.17	ug/L		03/12/20 14:47	03/16/20 19:33	1
Fluorene	<0.17		9.3	0.17	ug/L		03/12/20 14:47	03/16/20 19:33	1
Hexachlorobenzene	<0.16		9.3	0.16	ug/L		03/12/20 14:47	03/16/20 19:33	1
Hexachlorobutadiene	<0.51	*1	9.3	0.51	ug/L		03/12/20 14:47	03/16/20 19:33	1
Hexachlorocyclopentadiene	<2.4	* *1	19	2.4	ug/L		03/12/20 14:47	03/16/20 19:33	1
Hexachloroethane	<3.9	*1	9.3	3.9	ug/L		03/12/20 14:47	03/16/20 19:33	1
Hexadecane	<0.93		9.3	0.93	ug/L		03/12/20 14:47	03/16/20 19:33	1
Indeno[1,2,3-cd]pyrene	<0.20		9.3	0.20	ug/L		03/12/20 14:47	03/16/20 19:33	1
Isophorone	<0.13		9.3	0.13	ug/L		03/12/20 14:47	03/16/20 19:33	1

Client Sample ID: TMW-DUP
Date Collected: 03/05/20 10:40
Date Received: 03/06/20 08:50

Lab Sample ID: 400-184972-12
Matrix: Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	<0.16		9.3	0.16	ug/L		03/12/20 14:47	03/16/20 19:33	1
n-Decane	<0.93	*1	9.3	0.93	ug/L		03/12/20 14:47	03/16/20 19:33	1
Nitrobenzene	<0.12		9.3	0.12	ug/L		03/12/20 14:47	03/16/20 19:33	1
N-Nitrosodimethylamine	<3.3		9.3	3.3	ug/L		03/12/20 14:47	03/16/20 19:33	1
N-Nitrosodi-n-propylamine	<3.1		9.3	3.1	ug/L		03/12/20 14:47	03/16/20 19:33	1
N-Nitrosodiphenylamine	<0.17		9.3	0.17	ug/L		03/12/20 14:47	03/16/20 19:33	1
n-Octadecane	<0.93		9.3	0.93	ug/L		03/12/20 14:47	03/16/20 19:33	1
Pentachlorophenol	<1.3		19	1.3	ug/L		03/12/20 14:47	03/16/20 19:33	1
Phenanthrene	<0.17		9.3	0.17	ug/L		03/12/20 14:47	03/16/20 19:33	1
Phenol	<2.4		9.3	2.4	ug/L		03/12/20 14:47	03/16/20 19:33	1
Pyrene	<0.20		9.3	0.20	ug/L		03/12/20 14:47	03/16/20 19:33	1
Pyridine	<3.0		9.3	3.0	ug/L		03/12/20 14:47	03/16/20 19:33	1
Sulfolane	<0.54		9.3	0.54	ug/L		03/12/20 14:47	03/16/20 19:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*60*		*26 - 150*	*03/12/20 14:47*	*03/16/20 19:33*	*1*
2-Fluorobiphenyl	*56*		*46 - 124*	*03/12/20 14:47*	*03/16/20 19:33*	*1*
2-Fluorophenol (Surr)	*38*		*13 - 113*	*03/12/20 14:47*	*03/16/20 19:33*	*1*
Nitrobenzene-d5 (Surr)	*52*		*36 - 126*	*03/12/20 14:47*	*03/16/20 19:33*	*1*
Phenol-d5 (Surr)	*54*		*17 - 127*	*03/12/20 14:47*	*03/16/20 19:33*	*1*
Terphenyl-d14 (Surr)	*60*		*44 - 149*	*03/12/20 14:47*	*03/16/20 19:33*	*1*

Method: 8015C - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO) -C6-C10	<47		100	47	ug/L			03/10/20 22:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene (fid)	*108*		*78 - 119*		*03/10/20 22:39*	*1*

Method: 8015C - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**110**	**J**	120	93	ug/L		03/10/20 09:50	03/11/20 15:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*72*		*40 - 140*	*03/10/20 09:50*	*03/11/20 15:10*	*1*

Client: SCS Engineers
Project/Site: Tidewater Gardens

Job ID: 400-184972-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 400-481905/4
Matrix: Water
Analysis Batch: 481905

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.52		1.0	0.52	ug/L			03/14/20 08:04	1
1,1,1-Trichloroethane	<0.50		1.0	0.50	ug/L			03/14/20 08:04	1
1,1,2,2-Tetrachloroethane	<0.50		1.0	0.50	ug/L			03/14/20 08:04	1
1,1,2-Trichloroethane	<0.50		5.0	0.50	ug/L			03/14/20 08:04	1
1,1-Dichloroethane	<0.50		1.0	0.50	ug/L			03/14/20 08:04	1
1,1-Dichloroethene	<0.50		1.0	0.50	ug/L			03/14/20 08:04	1
1,1-Dichloropropene	<0.50		1.0	0.50	ug/L			03/14/20 08:04	1
1,2,3-Trichlorobenzene	<0.70		1.0	0.70	ug/L			03/14/20 08:04	1
1,2,3-Trichloropropane	<0.84		5.0	0.84	ug/L			03/14/20 08:04	1
1,2,4-Trichlorobenzene	<0.82		1.0	0.82	ug/L			03/14/20 08:04	1
1,2,4-Trimethylbenzene	<0.82		1.0	0.82	ug/L			03/14/20 08:04	1
1,2-Dibromo-3-Chloropropane	<1.5		5.0	1.5	ug/L			03/14/20 08:04	1
1,2-Dichlorobenzene	<0.50		1.0	0.50	ug/L			03/14/20 08:04	1
1,2-Dichloroethane	<0.50		1.0	0.50	ug/L			03/14/20 08:04	1
1,2-Dichloropropane	<0.50		1.0	0.50	ug/L			03/14/20 08:04	1
1,3,5-Trimethylbenzene	<0.56		1.0	0.56	ug/L			03/14/20 08:04	1
1,3-Dichlorobenzene	<0.54		1.0	0.54	ug/L			03/14/20 08:04	1
1,3-Dichloropropane	<0.50		1.0	0.50	ug/L			03/14/20 08:04	1
1,4-Dichlorobenzene	<0.64		1.0	0.64	ug/L			03/14/20 08:04	1
2,2-Dichloropropane	<0.50		1.0	0.50	ug/L			03/14/20 08:04	1
2-Butanone (MEK)	<2.6		25	2.6	ug/L			03/14/20 08:04	1
2-Chlorotoluene	<0.57		1.0	0.57	ug/L			03/14/20 08:04	1
2-Hexanone	<3.1		25	3.1	ug/L			03/14/20 08:04	1
4-Chlorotoluene	<0.56		1.0	0.56	ug/L			03/14/20 08:04	1
4-Isopropyltoluene	<0.71		1.0	0.71	ug/L			03/14/20 08:04	1
4-Methyl-2-pentanone (MIBK)	<1.8		25	1.8	ug/L			03/14/20 08:04	1
Acetone	<10		25	10	ug/L			03/14/20 08:04	1
Benzene	<0.38		1.0	0.38	ug/L			03/14/20 08:04	1
Bromobenzene	<0.54		1.0	0.54	ug/L			03/14/20 08:04	1
Bromoform	<0.71		5.0	0.71	ug/L			03/14/20 08:04	1
Bromomethane	<0.98		1.0	0.98	ug/L			03/14/20 08:04	1
Carbon disulfide	<0.50		1.0	0.50	ug/L			03/14/20 08:04	1
Carbon tetrachloride	<0.50		1.0	0.50	ug/L			03/14/20 08:04	1
Chlorobenzene	<0.50		1.0	0.50	ug/L			03/14/20 08:04	1
Chlorobromomethane	<0.52		1.0	0.52	ug/L			03/14/20 08:04	1
Chlorodibromomethane	<0.50		1.0	0.50	ug/L			03/14/20 08:04	1
Chloroethane	<0.76		1.0	0.76	ug/L			03/14/20 08:04	1
Chloroform	<0.60		1.0	0.60	ug/L			03/14/20 08:04	1
Chloromethane	<0.83		1.0	0.83	ug/L			03/14/20 08:04	1
cis-1,2-Dichloroethene	<0.50		1.0	0.50	ug/L			03/14/20 08:04	1
cis-1,3-Dichloropropene	<0.50		5.0	0.50	ug/L			03/14/20 08:04	1
Dibromomethane	<0.59		5.0	0.59	ug/L			03/14/20 08:04	1
Dichlorobromomethane	<0.50		1.0	0.50	ug/L			03/14/20 08:04	1
Dichlorodifluoromethane	<0.85		1.0	0.85	ug/L			03/14/20 08:04	1
Ethylbenzene	<0.50		1.0	0.50	ug/L			03/14/20 08:04	1
Ethylene Dibromide	<0.50		1.0	0.50	ug/L			03/14/20 08:04	1
Hexachlorobutadiene	<0.90		5.0	0.90	ug/L			03/14/20 08:04	1
Iodomethane	<0.90		1.0	0.90	ug/L			03/14/20 08:04	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 400-481905/4
Matrix: Water
Analysis Batch: 481905

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropyl ether	<0.70		1.0	0.70	ug/L			03/14/20 08:04	1
Isopropylbenzene	<0.53		1.0	0.53	ug/L			03/14/20 08:04	1
Methyl tert-butyl ether	<0.74		1.0	0.74	ug/L			03/14/20 08:04	1
Methylene Chloride	<3.0		5.0	3.0	ug/L			03/14/20 08:04	1
m-Xylene & p-Xylene	<1.6		5.0	1.6	ug/L			03/14/20 08:04	1
Naphthalene	<1.0		1.0	1.0	ug/L			03/14/20 08:04	1
n-Butylbenzene	<0.76		1.0	0.76	ug/L			03/14/20 08:04	1
N-Propylbenzene	<0.69		1.0	0.69	ug/L			03/14/20 08:04	1
o-Xylene	<0.60		5.0	0.60	ug/L			03/14/20 08:04	1
sec-Butylbenzene	<0.70		1.0	0.70	ug/L			03/14/20 08:04	1
Styrene	<1.0		1.0	1.0	ug/L			03/14/20 08:04	1
tert-Butylbenzene	<0.63		1.0	0.63	ug/L			03/14/20 08:04	1
Tetrachloroethene	<0.58		1.0	0.58	ug/L			03/14/20 08:04	1
Toluene	<0.41		1.0	0.41	ug/L			03/14/20 08:04	1
trans-1,2-Dichloroethene	<0.50		1.0	0.50	ug/L			03/14/20 08:04	1
trans-1,3-Dichloropropene	<0.50		5.0	0.50	ug/L			03/14/20 08:04	1
Trichloroethene	<0.50		1.0	0.50	ug/L			03/14/20 08:04	1
Trichlorofluoromethane	<0.52		1.0	0.52	ug/L			03/14/20 08:04	1
Vinyl acetate	<2.0		25	2.0	ug/L			03/14/20 08:04	1
Vinyl chloride	<0.50		1.0	0.50	ug/L			03/14/20 08:04	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*104*		*78 - 118*		*03/14/20 08:04*	*1*
Dibromofluoromethane	*96*		*81 - 121*		*03/14/20 08:04*	*1*
Toluene-d8 (Surr)	*106*		*80 - 120*		*03/14/20 08:04*	*1*

Lab Sample ID: LCS 400-481905/1002
Matrix: Water
Analysis Batch: 481905

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	50.0	45.4		ug/L		91	67 - 131
1,1,1-Trichloroethane	50.0	48.8		ug/L		98	68 - 130
1,1,2,2-Tetrachloroethane	50.0	55.3		ug/L		111	70 - 131
1,1,2-Trichloroethane	50.0	51.2		ug/L		102	70 - 130
1,1-Dichloroethane	50.0	44.2		ug/L		88	70 - 130
1,1-Dichloroethene	50.0	43.2		ug/L		86	63 - 134
1,1-Dichloropropene	50.0	49.3		ug/L		99	70 - 130
1,2,3-Trichlorobenzene	50.0	45.3		ug/L		91	60 - 138
1,2,3-Trichloropropane	50.0	47.5		ug/L		95	70 - 130
1,2,4-Trichlorobenzene	50.0	45.1		ug/L		90	60 - 140
1,2,4-Trimethylbenzene	50.0	47.7		ug/L		95	70 - 130
1,2-Dibromo-3-Chloropropane	50.0	38.6		ug/L		77	54 - 135
1,2-Dichlorobenzene	50.0	45.9		ug/L		92	67 - 130
1,2-Dichloroethane	50.0	52.8		ug/L		106	69 - 130
1,2-Dichloropropane	50.0	48.6		ug/L		97	70 - 130
1,3,5-Trimethylbenzene	50.0	48.9		ug/L		98	69 - 130
1,3-Dichlorobenzene	50.0	45.9		ug/L		92	70 - 130

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 400-481905/1002
Matrix: Water
Analysis Batch: 481905

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,3-Dichloropropane	50.0	50.2		ug/L		100	70 - 130
1,4-Dichlorobenzene	50.0	44.3		ug/L		89	70 - 130
2,2-Dichloropropane	50.0	48.9		ug/L		98	52 - 135
2-Butanone (MEK)	200	186		ug/L		93	61 - 145
2-Chlorotoluene	50.0	50.2		ug/L		100	70 - 130
2-Hexanone	200	219		ug/L		110	65 - 137
4-Chlorotoluene	50.0	50.6		ug/L		101	70 - 130
4-Isopropyltoluene	50.0	48.0		ug/L		96	65 - 130
4-Methyl-2-pentanone (MIBK)	200	223		ug/L		112	69 - 138
Acetone	200	222		ug/L		111	43 - 160
Benzene	50.0	50.3		ug/L		101	70 - 130
Bromobenzene	50.0	46.1		ug/L		92	70 - 132
Bromoform	50.0	42.9		ug/L		86	57 - 140
Bromomethane	50.0	39.8		ug/L		80	10 - 160
Carbon disulfide	50.0	48.2		ug/L		96	61 - 137
Carbon tetrachloride	50.0	45.9		ug/L		92	61 - 137
Chlorobenzene	50.0	44.7		ug/L		89	70 - 130
Chlorobromomethane	50.0	40.2		ug/L		80	70 - 130
Chlorodibromomethane	50.0	42.0		ug/L		84	67 - 135
Chloroethane	50.0	37.3		ug/L		75	55 - 141
Chloroform	50.0	44.0		ug/L		88	69 - 130
Chloromethane	50.0	39.4		ug/L		79	58 - 137
cis-1,2-Dichloroethene	50.0	46.1		ug/L		92	68 - 130
cis-1,3-Dichloropropene	50.0	52.5		ug/L		105	69 - 132
Dibromomethane	50.0	51.3		ug/L		103	70 - 130
Dichlorobromomethane	50.0	50.6		ug/L		101	67 - 133
Dichlorodifluoromethane	50.0	47.8		ug/L		96	41 - 146
Ethylbenzene	50.0	49.5		ug/L		99	70 - 130
Ethylene Dibromide	50.0	50.9		ug/L		102	70 - 130
Hexachlorobutadiene	50.0	46.0		ug/L		92	53 - 140
Iodomethane	50.0	32.4		ug/L		65	27 - 159
Isopropyl ether	50.0	44.3		ug/L		89	64 - 132
Isopropylbenzene	50.0	47.8		ug/L		96	70 - 130
Methyl tert-butyl ether	50.0	49.7		ug/L		99	66 - 130
Methylene Chloride	50.0	48.5		ug/L		97	66 - 135
m-Xylene & p-Xylene	50.0	47.7		ug/L		95	70 - 130
Naphthalene	50.0	47.9		ug/L		96	47 - 149
n-Butylbenzene	50.0	52.0		ug/L		104	67 - 130
N-Propylbenzene	50.0	48.1		ug/L		96	70 - 130
o-Xylene	50.0	48.7		ug/L		97	70 - 130
sec-Butylbenzene	50.0	50.6		ug/L		101	66 - 130
Styrene	50.0	49.9		ug/L		100	70 - 130
tert-Butylbenzene	50.0	51.7		ug/L		103	64 - 139
Tetrachloroethene	50.0	42.6		ug/L		85	65 - 130
Toluene	50.0	48.5		ug/L		97	70 - 130
trans-1,2-Dichloroethene	50.0	43.6		ug/L		87	70 - 130
trans-1,3-Dichloropropene	50.0	52.6		ug/L		105	63 - 130
Trichloroethene	50.0	48.6		ug/L		97	70 - 130
Trichlorofluoromethane	50.0	46.7		ug/L		93	65 - 138

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 400-481905/1002
Matrix: Water
Analysis Batch: 481905

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Vinyl acetate			100	86.1		ug/L		86	26 - 160		
Vinyl chloride			50.0	41.4		ug/L		83	59 - 136		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*105*		*78 - 118*
Dibromofluoromethane	*99*		*81 - 121*
Toluene-d8 (Surr)	*103*		*80 - 120*

Lab Sample ID: 400-184972-10 MS
Matrix: Water
Analysis Batch: 481905

Client Sample ID: TMW-10
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,1,1,2-Tetrachloroethane	<0.52		50.0	42.3		ug/L		85	59 - 137		
1,1,1-Trichloroethane	<0.50		50.0	47.4		ug/L		95	57 - 142		
1,1,2,2-Tetrachloroethane	<0.50		50.0	51.8		ug/L		104	66 - 135		
1,1,2-Trichloroethane	<0.50		50.0	49.8		ug/L		100	66 - 131		
1,1-Dichloroethane	<0.50		50.0	43.3		ug/L		87	61 - 144		
1,1-Dichloroethene	<0.50		50.0	41.7		ug/L		83	54 - 147		
1,1-Dichloropropene	<0.50		50.0	48.3		ug/L		97	65 - 136		
1,2,3-Trichlorobenzene	<0.70		50.0	36.3		ug/L		73	43 - 145		
1,2,3-Trichloropropane	<0.84		50.0	45.9		ug/L		92	65 - 133		
1,2,4-Trichlorobenzene	<0.82		50.0	35.4		ug/L		71	39 - 148		
1,2,4-Trimethylbenzene	<0.82		50.0	41.1		ug/L		82	50 - 139		
1,2-Dibromo-3-Chloropropane	<1.5		50.0	38.3		ug/L		77	45 - 135		
1,2-Dichlorobenzene	<0.50		50.0	38.5		ug/L		77	52 - 137		
1,2-Dichloroethane	<0.50		50.0	49.8		ug/L		100	60 - 141		
1,2-Dichloropropane	<0.50		50.0	47.3		ug/L		95	66 - 137		
1,3,5-Trimethylbenzene	<0.56		50.0	41.8		ug/L		84	52 - 135		
1,3-Dichlorobenzene	<0.54		50.0	38.8		ug/L		78	54 - 135		
1,3-Dichloropropane	<0.50		50.0	47.7		ug/L		95	66 - 133		
1,4-Dichlorobenzene	<0.64		50.0	37.5		ug/L		75	53 - 135		
2,2-Dichloropropane	<0.50		50.0	46.1		ug/L		92	42 - 144		
2-Butanone (MEK)	<2.6		200	176		ug/L		88	55 - 150		
2-Chlorotoluene	<0.57		50.0	43.4		ug/L		87	53 - 134		
2-Hexanone	<3.1		200	211		ug/L		105	65 - 140		
4-Chlorotoluene	<0.56		50.0	43.7		ug/L		87	54 - 133		
4-Isopropyltoluene	<0.71		50.0	39.0		ug/L		78	48 - 139		
4-Methyl-2-pentanone (MIBK)	<1.8		200	210		ug/L		105	63 - 146		
Acetone	<10		200	203		ug/L		102	43 - 150		
Benzene	<0.38		50.0	47.8		ug/L		96	56 - 142		
Bromobenzene	<0.54		50.0	40.7		ug/L		81	59 - 136		
Bromoform	<0.71		50.0	38.8		ug/L		78	50 - 140		
Bromomethane	<0.98		50.0	29.3		ug/L		59	10 - 150		
Carbon disulfide	<0.50		50.0	45.8		ug/L		92	48 - 150		
Carbon tetrachloride	<0.50		50.0	43.8		ug/L		88	55 - 145		
Chlorobenzene	<0.50		50.0	40.8		ug/L		82	64 - 130		
Chlorobromomethane	<0.52		50.0	41.1		ug/L		82	64 - 140		

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 400-184972-10 MS
Matrix: Water
Analysis Batch: 481905

Client Sample ID: TMW-10
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chlorodibromomethane	<0.50		50.0	40.5		ug/L		81	56 - 143
Chloroethane	<0.76		50.0	41.9		ug/L		84	50 - 150
Chloroform	<0.60		50.0	45.0		ug/L		90	60 - 141
Chloromethane	<0.83		50.0	38.9		ug/L		78	49 - 148
cis-1,2-Dichloroethene	<0.50		50.0	44.2		ug/L		88	59 - 143
cis-1,3-Dichloropropene	<0.50		50.0	49.7		ug/L		99	57 - 140
Dibromomethane	<0.59		50.0	50.1		ug/L		100	63 - 138
Dichlorobromomethane	<0.50		50.0	47.1		ug/L		94	59 - 143
Dichlorodifluoromethane	<0.85		50.0	46.9		ug/L		94	16 - 150
Ethylbenzene	<0.50		50.0	44.5		ug/L		89	58 - 131
Ethylene Dibromide	<0.50		50.0	46.8		ug/L		94	64 - 132
Hexachlorobutadiene	<0.90		50.0	34.6		ug/L		69	31 - 149
Iodomethane	<0.90		50.0	31.1		ug/L		62	20 - 150
Isopropyl ether	<0.70		50.0	45.4		ug/L		91	60 - 144
Isopropylbenzene	<0.53		50.0	42.5		ug/L		85	56 - 133
Methyl tert-butyl ether	<0.74		50.0	46.7		ug/L		93	59 - 137
Methylene Chloride	<3.0		50.0	44.7		ug/L		89	60 - 146
m-Xylene & p-Xylene	<1.6		50.0	43.3		ug/L		87	57 - 130
Naphthalene	<1.0		50.0	40.8		ug/L		82	25 - 150
n-Butylbenzene	<0.76		50.0	42.2		ug/L		84	41 - 142
N-Propylbenzene	<0.69		50.0	39.8		ug/L		80	51 - 138
o-Xylene	<0.60		50.0	44.0		ug/L		88	61 - 130
sec-Butylbenzene	<0.70		50.0	42.5		ug/L		85	50 - 138
Styrene	<1.0		50.0	43.5		ug/L		87	58 - 131
tert-Butylbenzene	<0.63		50.0	44.8		ug/L		90	54 - 146
Tetrachloroethene	<0.58		50.0	37.0		ug/L		74	52 - 133
Toluene	<0.41		50.0	44.6		ug/L		89	65 - 130
trans-1,2-Dichloroethene	<0.50		50.0	42.6		ug/L		85	61 - 143
trans-1,3-Dichloropropene	<0.50		50.0	48.9		ug/L		98	53 - 133
Trichloroethene	<0.50		50.0	43.0		ug/L		86	64 - 136
Trichlorofluoromethane	<0.52		50.0	46.6		ug/L		93	54 - 150
Vinyl acetate	<2.0		100	88.3		ug/L		88	26 - 150
Vinyl chloride	<0.50		50.0	42.4		ug/L		85	46 - 150

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*104*		*78 - 118*
Dibromofluoromethane	*93*		*81 - 121*
Toluene-d8 (Surr)	*102*		*80 - 120*

Lab Sample ID: 400-184972-10 MSD
Matrix: Water
Analysis Batch: 481905

Client Sample ID: TMW-10
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	<0.52		50.0	42.6		ug/L		85	59 - 137	1	30
1,1,1-Trichloroethane	<0.50		50.0	47.1		ug/L		94	57 - 142	1	30
1,1,2,2-Tetrachloroethane	<0.50		50.0	49.6		ug/L		99	66 - 135	4	30
1,1,2-Trichloroethane	<0.50		50.0	52.1		ug/L		104	66 - 131	4	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 400-184972-10 MSD
Matrix: Water
Analysis Batch: 481905

Client Sample ID: TMW-10
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1-Dichloroethane	<0.50		50.0	42.6		ug/L		85	61 - 144	2	30
1,1-Dichloroethene	<0.50		50.0	43.1		ug/L		86	54 - 147	3	30
1,1-Dichloropropene	<0.50		50.0	47.2		ug/L		94	65 - 136	2	30
1,2,3-Trichlorobenzene	<0.70		50.0	35.8		ug/L		72	43 - 145	1	30
1,2,3-Trichloropropane	<0.84		50.0	41.8		ug/L		84	65 - 133	9	30
1,2,4-Trichlorobenzene	<0.82		50.0	35.7		ug/L		71	39 - 148	1	30
1,2,4-Trimethylbenzene	<0.82		50.0	40.3		ug/L		81	50 - 139	2	30
1,2-Dibromo-3-Chloropropane	<1.5		50.0	36.9		ug/L		74	45 - 135	4	30
1,2-Dichlorobenzene	<0.50		50.0	38.3		ug/L		77	52 - 137	0	30
1,2-Dichloroethane	<0.50		50.0	51.1		ug/L		102	60 - 141	3	30
1,2-Dichloropropane	<0.50		50.0	45.9		ug/L		92	66 - 137	3	30
1,3,5-Trimethylbenzene	<0.56		50.0	41.7		ug/L		83	52 - 135	0	30
1,3-Dichlorobenzene	<0.54		50.0	38.4		ug/L		77	54 - 135	1	30
1,3-Dichloropropane	<0.50		50.0	49.1		ug/L		98	66 - 133	3	30
1,4-Dichlorobenzene	<0.64		50.0	36.7		ug/L		73	53 - 135	2	30
2,2-Dichloropropane	<0.50		50.0	45.9		ug/L		92	42 - 144	0	31
2-Butanone (MEK)	<2.6		200	169		ug/L		85	55 - 150	4	30
2-Chlorotoluene	<0.57		50.0	44.9		ug/L		90	53 - 134	3	30
2-Hexanone	<3.1		200	206		ug/L		103	65 - 140	3	30
4-Chlorotoluene	<0.56		50.0	44.9		ug/L		90	54 - 133	3	30
4-Isopropyltoluene	<0.71		50.0	39.8		ug/L		80	48 - 139	2	30
4-Methyl-2-pentanone (MIBK)	<1.8		200	206		ug/L		103	63 - 146	2	30
Acetone	<10		200	183		ug/L		92	43 - 150	10	30
Benzene	<0.38		50.0	47.6		ug/L		95	56 - 142	0	30
Bromobenzene	<0.54		50.0	39.4		ug/L		79	59 - 136	3	30
Bromoform	<0.71		50.0	39.0		ug/L		78	50 - 140	1	30
Bromomethane	<0.98		50.0	39.0		ug/L		78	10 - 150	28	50
Carbon disulfide	<0.50		50.0	46.0		ug/L		92	48 - 150	1	30
Carbon tetrachloride	<0.50		50.0	43.2		ug/L		86	55 - 145	1	30
Chlorobenzene	<0.50		50.0	41.5		ug/L		83	64 - 130	2	30
Chlorobromomethane	<0.52		50.0	44.2		ug/L		88	64 - 140	7	30
Chlorodibromomethane	<0.50		50.0	41.0		ug/L		82	56 - 143	1	30
Chloroethane	<0.76		50.0	38.4		ug/L		77	50 - 150	9	30
Chloroform	<0.60		50.0	45.1		ug/L		90	60 - 141	0	30
Chloromethane	<0.83		50.0	39.0		ug/L		78	49 - 148	0	31
cis-1,2-Dichloroethene	<0.50		50.0	43.8		ug/L		88	59 - 143	1	30
cis-1,3-Dichloropropene	<0.50		50.0	49.9		ug/L		100	57 - 140	0	30
Dibromomethane	<0.59		50.0	48.3		ug/L		97	63 - 138	4	30
Dichlorobromomethane	<0.50		50.0	46.7		ug/L		93	59 - 143	1	30
Dichlorodifluoromethane	<0.85		50.0	46.6		ug/L		93	16 - 150	1	31
Ethylbenzene	<0.50		50.0	46.4		ug/L		93	58 - 131	4	30
Ethylene Dibromide	<0.50		50.0	47.9		ug/L		96	64 - 132	2	30
Hexachlorobutadiene	<0.90		50.0	34.4		ug/L		69	31 - 149	1	36
Iodomethane	<0.90		50.0	34.3		ug/L		69	20 - 150	10	44
Isopropyl ether	<0.70		50.0	45.2		ug/L		90	60 - 144	0	30
Isopropylbenzene	<0.53		50.0	43.5		ug/L		87	56 - 133	2	30
Methyl tert-butyl ether	<0.74		50.0	47.3		ug/L		95	59 - 137	1	30
Methylene Chloride	<3.0		50.0	45.0		ug/L		90	60 - 146	1	32
m-Xylene & p-Xylene	<1.6		50.0	43.9		ug/L		88	57 - 130	1	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 400-184972-10 MSD
Matrix: Water
Analysis Batch: 481905

Client Sample ID: TMW-10
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Naphthalene	<1.0		50.0	41.5		ug/L		83	25 - 150	2	30
n-Butylbenzene	<0.76		50.0	42.1		ug/L		84	41 - 142	0	31
N-Propylbenzene	<0.69		50.0	39.9		ug/L		80	51 - 138	0	30
o-Xylene	<0.60		50.0	45.5		ug/L		91	61 - 130	3	30
sec-Butylbenzene	<0.70		50.0	43.4		ug/L		87	50 - 138	2	30
Styrene	<1.0		50.0	45.3		ug/L		91	58 - 131	4	30
tert-Butylbenzene	<0.63		50.0	44.6		ug/L		89	54 - 146	0	30
Tetrachloroethene	<0.58		50.0	38.7		ug/L		77	52 - 133	5	30
Toluene	<0.41		50.0	46.1		ug/L		92	65 - 130	3	30
trans-1,2-Dichloroethene	<0.50		50.0	43.0		ug/L		86	61 - 143	1	30
trans-1,3-Dichloropropene	<0.50		50.0	49.1		ug/L		98	53 - 133	0	30
Trichloroethene	<0.50		50.0	44.1		ug/L		88	64 - 136	3	30
Trichlorofluoromethane	<0.52		50.0	46.1		ug/L		92	54 - 150	1	30
Vinyl acetate	<2.0		100	86.9		ug/L		87	26 - 150	2	33
Vinyl chloride	<0.50		50.0	42.5		ug/L		85	46 - 150	0	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene	*106*		*78 - 118*
Dibromofluoromethane	*93*		*81 - 121*
Toluene-d8 (Surr)	*103*		*80 - 120*

Lab Sample ID: MB 400-481909/24
Matrix: Water
Analysis Batch: 481909

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.52		1.0	0.52	ug/L			03/14/20 08:23	1
1,1,1-Trichloroethane	<0.50		1.0	0.50	ug/L			03/14/20 08:23	1
1,1,2,2-Tetrachloroethane	<0.50		1.0	0.50	ug/L			03/14/20 08:23	1
1,1,2-Trichloroethane	<0.50		5.0	0.50	ug/L			03/14/20 08:23	1
1,1-Dichloroethane	<0.50		1.0	0.50	ug/L			03/14/20 08:23	1
1,1-Dichloroethene	<0.50		1.0	0.50	ug/L			03/14/20 08:23	1
1,1-Dichloropropene	<0.50		1.0	0.50	ug/L			03/14/20 08:23	1
1,2,3-Trichlorobenzene	<0.70		1.0	0.70	ug/L			03/14/20 08:23	1
1,2,3-Trichloropropane	<0.84		5.0	0.84	ug/L			03/14/20 08:23	1
1,2,4-Trichlorobenzene	<0.82		1.0	0.82	ug/L			03/14/20 08:23	1
1,2,4-Trimethylbenzene	<0.82		1.0	0.82	ug/L			03/14/20 08:23	1
1,2-Dibromo-3-Chloropropane	<1.5		5.0	1.5	ug/L			03/14/20 08:23	1
1,2-Dichlorobenzene	<0.50		1.0	0.50	ug/L			03/14/20 08:23	1
1,2-Dichloroethane	<0.50		1.0	0.50	ug/L			03/14/20 08:23	1
1,2-Dichloropropane	<0.50		1.0	0.50	ug/L			03/14/20 08:23	1
1,3,5-Trimethylbenzene	<0.56		1.0	0.56	ug/L			03/14/20 08:23	1
1,3-Dichlorobenzene	<0.54		1.0	0.54	ug/L			03/14/20 08:23	1
1,3-Dichloropropane	<0.50		1.0	0.50	ug/L			03/14/20 08:23	1
1,4-Dichlorobenzene	<0.64		1.0	0.64	ug/L			03/14/20 08:23	1
2,2-Dichloropropane	<0.50		1.0	0.50	ug/L			03/14/20 08:23	1
2-Butanone (MEK)	<2.6		25	2.6	ug/L			03/14/20 08:23	1
2-Chlorotoluene	<0.57		1.0	0.57	ug/L			03/14/20 08:23	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 400-481909/24
Matrix: Water
Analysis Batch: 481909

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Hexanone	<3.1		25	3.1	ug/L			03/14/20 08:23	1
4-Chlorotoluene	<0.56		1.0	0.56	ug/L			03/14/20 08:23	1
4-Isopropyltoluene	<0.71		1.0	0.71	ug/L			03/14/20 08:23	1
4-Methyl-2-pentanone (MIBK)	<1.8		25	1.8	ug/L			03/14/20 08:23	1
Acetone	<10		25	10	ug/L			03/14/20 08:23	1
Benzene	<0.38		1.0	0.38	ug/L			03/14/20 08:23	1
Bromobenzene	<0.54		1.0	0.54	ug/L			03/14/20 08:23	1
Bromoform	<0.71		5.0	0.71	ug/L			03/14/20 08:23	1
Bromomethane	<0.98		1.0	0.98	ug/L			03/14/20 08:23	1
Carbon disulfide	<0.50		1.0	0.50	ug/L			03/14/20 08:23	1
Carbon tetrachloride	<0.50		1.0	0.50	ug/L			03/14/20 08:23	1
Chlorobenzene	<0.50		1.0	0.50	ug/L			03/14/20 08:23	1
Chlorobromomethane	<0.52		1.0	0.52	ug/L			03/14/20 08:23	1
Chlorodibromomethane	<0.50		1.0	0.50	ug/L			03/14/20 08:23	1
Chloroethane	<0.76		1.0	0.76	ug/L			03/14/20 08:23	1
Chloroform	<0.60		1.0	0.60	ug/L			03/14/20 08:23	1
Chloromethane	<0.83		1.0	0.83	ug/L			03/14/20 08:23	1
cis-1,2-Dichloroethene	<0.50		1.0	0.50	ug/L			03/14/20 08:23	1
cis-1,3-Dichloropropene	<0.50		5.0	0.50	ug/L			03/14/20 08:23	1
Dibromomethane	<0.59		5.0	0.59	ug/L			03/14/20 08:23	1
Dichlorobromomethane	<0.50		1.0	0.50	ug/L			03/14/20 08:23	1
Dichlorodifluoromethane	<0.85		1.0	0.85	ug/L			03/14/20 08:23	1
Ethylbenzene	<0.50		1.0	0.50	ug/L			03/14/20 08:23	1
Ethylene Dibromide	<0.50		1.0	0.50	ug/L			03/14/20 08:23	1
Hexachlorobutadiene	<0.90		5.0	0.90	ug/L			03/14/20 08:23	1
Iodomethane	<0.90		1.0	0.90	ug/L			03/14/20 08:23	1
Isopropyl ether	<0.70		1.0	0.70	ug/L			03/14/20 08:23	1
Isopropylbenzene	<0.53		1.0	0.53	ug/L			03/14/20 08:23	1
Methyl tert-butyl ether	<0.74		1.0	0.74	ug/L			03/14/20 08:23	1
Methylene Chloride	<3.0		5.0	3.0	ug/L			03/14/20 08:23	1
m-Xylene & p-Xylene	<1.6		5.0	1.6	ug/L			03/14/20 08:23	1
Naphthalene	<1.0		1.0	1.0	ug/L			03/14/20 08:23	1
n-Butylbenzene	<0.76		1.0	0.76	ug/L			03/14/20 08:23	1
N-Propylbenzene	<0.69		1.0	0.69	ug/L			03/14/20 08:23	1
o-Xylene	<0.60		5.0	0.60	ug/L			03/14/20 08:23	1
sec-Butylbenzene	<0.70		1.0	0.70	ug/L			03/14/20 08:23	1
Styrene	<1.0		1.0	1.0	ug/L			03/14/20 08:23	1
tert-Butylbenzene	<0.63		1.0	0.63	ug/L			03/14/20 08:23	1
Tetrachloroethene	<0.58		1.0	0.58	ug/L			03/14/20 08:23	1
Toluene	<0.41		1.0	0.41	ug/L			03/14/20 08:23	1
trans-1,2-Dichloroethene	<0.50		1.0	0.50	ug/L			03/14/20 08:23	1
trans-1,3-Dichloropropene	<0.50		5.0	0.50	ug/L			03/14/20 08:23	1
Trichloroethene	<0.50		1.0	0.50	ug/L			03/14/20 08:23	1
Trichlorofluoromethane	<0.52		1.0	0.52	ug/L			03/14/20 08:23	1
Vinyl acetate	<2.0		25	2.0	ug/L			03/14/20 08:23	1
Vinyl chloride	<0.50		1.0	0.50	ug/L			03/14/20 08:23	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 400-481909/24
Matrix: Water
Analysis Batch: 481909

Client Sample ID: Method Blank
Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	*99*		*78 - 118*		*03/14/20 08:23*	*1*
Dibromofluoromethane	*99*		*81 - 121*		*03/14/20 08:23*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*03/14/20 08:23*	*1*

Lab Sample ID: LCS 400-481909/1009
Matrix: Water
Analysis Batch: 481909

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	50.0	58.9		ug/L		118	67 - 131
1,1,1-Trichloroethane	50.0	57.3		ug/L		115	68 - 130
1,1,2,2-Tetrachloroethane	50.0	57.6		ug/L		115	70 - 131
1,1,2-Trichloroethane	50.0	56.8		ug/L		114	70 - 130
1,1-Dichloroethane	50.0	56.8		ug/L		114	70 - 130
1,1-Dichloroethene	50.0	59.9		ug/L		120	63 - 134
1,1-Dichloropropene	50.0	60.0		ug/L		120	70 - 130
1,2,3-Trichlorobenzene	50.0	55.9		ug/L		112	60 - 138
1,2,3-Trichloropropane	50.0	55.7		ug/L		111	70 - 130
1,2,4-Trichlorobenzene	50.0	58.0		ug/L		116	60 - 140
1,2,4-Trimethylbenzene	50.0	60.4		ug/L		121	70 - 130
1,2-Dibromo-3-Chloropropane	50.0	54.2		ug/L		108	54 - 135
1,2-Dichlorobenzene	50.0	58.0		ug/L		116	67 - 130
1,2-Dichloroethane	50.0	53.5		ug/L		107	69 - 130
1,2-Dichloropropane	50.0	55.8		ug/L		112	70 - 130
1,3,5-Trimethylbenzene	50.0	61.1		ug/L		122	69 - 130
1,3-Dichlorobenzene	50.0	58.8		ug/L		118	70 - 130
1,3-Dichloropropane	50.0	56.2		ug/L		112	70 - 130
1,4-Dichlorobenzene	50.0	57.2		ug/L		114	70 - 130
2,2-Dichloropropane	50.0	59.7		ug/L		119	52 - 135
2-Butanone (MEK)	200	222		ug/L		111	61 - 145
2-Chlorotoluene	50.0	56.6		ug/L		113	70 - 130
2-Hexanone	200	210		ug/L		105	65 - 137
4-Chlorotoluene	50.0	60.1		ug/L		120	70 - 130
4-Isopropyltoluene	50.0	61.1		ug/L		122	65 - 130
4-Methyl-2-pentanone (MIBK)	200	219		ug/L		109	69 - 138
Acetone	200	219		ug/L		110	43 - 160
Benzene	50.0	57.0		ug/L		114	70 - 130
Bromobenzene	50.0	58.4		ug/L		117	70 - 132
Bromoform	50.0	60.4		ug/L		121	57 - 140
Bromomethane	50.0	55.2		ug/L		110	10 - 160
Carbon disulfide	50.0	55.8		ug/L		112	61 - 137
Carbon tetrachloride	50.0	58.5		ug/L		117	61 - 137
Chlorobenzene	50.0	58.2		ug/L		116	70 - 130
Chlorobromomethane	50.0	58.5		ug/L		117	70 - 130
Chlorodibromomethane	50.0	59.1		ug/L		118	67 - 135
Chloroethane	50.0	58.7		ug/L		117	55 - 141
Chloroform	50.0	55.5		ug/L		111	69 - 130
Chloromethane	50.0	43.9		ug/L		88	58 - 137

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 400-481909/1009
Matrix: Water
Analysis Batch: 481909

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
cis-1,2-Dichloroethene	50.0	57.7		ug/L		115	68 - 130
cis-1,3-Dichloropropene	50.0	59.1		ug/L		118	69 - 132
Dibromomethane	50.0	54.4		ug/L		109	70 - 130
Dichlorobromomethane	50.0	56.5		ug/L		113	67 - 133
Dichlorodifluoromethane	50.0	41.5		ug/L		83	41 - 146
Ethylbenzene	50.0	57.7		ug/L		115	70 - 130
Ethylene Dibromide	50.0	54.5		ug/L		109	70 - 130
Hexachlorobutadiene	50.0	64.1		ug/L		128	53 - 140
Iodomethane	50.0	64.2		ug/L		128	27 - 159
Isopropyl ether	50.0	35.1		ug/L		70	64 - 132
Isopropylbenzene	50.0	60.1		ug/L		120	70 - 130
Methyl tert-butyl ether	50.0	56.5		ug/L		113	66 - 130
Methylene Chloride	50.0	45.4		ug/L		91	66 - 135
m-Xylene & p-Xylene	50.0	57.9		ug/L		116	70 - 130
Naphthalene	50.0	55.3		ug/L		111	47 - 149
n-Butylbenzene	50.0	59.4		ug/L		119	67 - 130
N-Propylbenzene	50.0	62.7		ug/L		125	70 - 130
o-Xylene	50.0	58.5		ug/L		117	70 - 130
sec-Butylbenzene	50.0	61.9		ug/L		124	66 - 130
Styrene	50.0	57.0		ug/L		114	70 - 130
tert-Butylbenzene	50.0	61.9		ug/L		124	64 - 139
Tetrachloroethene	50.0	56.2		ug/L		112	65 - 130
Toluene	50.0	56.1		ug/L		112	70 - 130
trans-1,2-Dichloroethene	50.0	57.8		ug/L		116	70 - 130
trans-1,3-Dichloropropene	50.0	59.4		ug/L		119	63 - 130
Trichloroethene	50.0	56.2		ug/L		112	70 - 130
Trichlorofluoromethane	50.0	64.2		ug/L		128	65 - 138
Vinyl acetate	100	118		ug/L		118	26 - 160
Vinyl chloride	50.0	56.5		ug/L		113	59 - 136

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*101*		*78 - 118*
Dibromofluoromethane	*102*		*81 - 121*
Toluene-d8 (Surr)	*102*		*80 - 120*

Lab Sample ID: 400-184972-1 MS
Matrix: Water
Analysis Batch: 481909

Client Sample ID: TMW-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	<0.52		50.0	51.6		ug/L		103	59 - 137
1,1,1-Trichloroethane	<0.50		50.0	51.4		ug/L		103	57 - 142
1,1,2,2-Tetrachloroethane	<0.50		50.0	53.1		ug/L		106	66 - 135
1,1,2-Trichloroethane	<0.50		50.0	51.7		ug/L		103	66 - 131
1,1-Dichloroethane	<0.50		50.0	51.8		ug/L		104	61 - 144
1,1-Dichloroethene	<0.50		50.0	57.3		ug/L		115	54 - 147
1,1-Dichloropropene	<0.50		50.0	53.4		ug/L		107	65 - 136
1,2,3-Trichlorobenzene	<0.70		50.0	46.1		ug/L		92	43 - 145

Client: SCS Engineers
Project/Site: Tidewater Gardens

Job ID: 400-184972-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 400-184972-1 MS
Matrix: Water
Analysis Batch: 481909

Client Sample ID: TMW-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,3-Trichloropropane	<0.84		50.0	52.5		ug/L		105	65 - 133
1,2,4-Trichlorobenzene	<0.82		50.0	45.1		ug/L		90	39 - 148
1,2,4-Trimethylbenzene	<0.82		50.0	49.0		ug/L		98	50 - 139
1,2-Dibromo-3-Chloropropane	<1.5		50.0	49.7		ug/L		99	45 - 135
1,2-Dichlorobenzene	<0.50		50.0	47.4		ug/L		95	52 - 137
1,2-Dichloroethane	<0.50		50.0	49.8		ug/L		100	60 - 141
1,2-Dichloropropane	<0.50		50.0	50.5		ug/L		101	66 - 137
1,3,5-Trimethylbenzene	<0.56		50.0	48.9		ug/L		98	52 - 135
1,3-Dichlorobenzene	<0.54		50.0	48.0		ug/L		96	54 - 135
1,3-Dichloropropane	<0.50		50.0	51.3		ug/L		103	66 - 133
1,4-Dichlorobenzene	<0.64		50.0	46.8		ug/L		94	53 - 135
2,2-Dichloropropane	<0.50		50.0	54.4		ug/L		109	42 - 144
2-Butanone (MEK)	<2.6		200	212		ug/L		106	55 - 150
2-Chlorotoluene	<0.57		50.0	46.7		ug/L		93	53 - 134
2-Hexanone	<3.1		200	200		ug/L		100	65 - 140
4-Chlorotoluene	<0.56		50.0	49.3		ug/L		99	54 - 133
4-Isopropyltoluene	<0.71		50.0	48.1		ug/L		96	48 - 139
4-Methyl-2-pentanone (MIBK)	<1.8		200	208		ug/L		104	63 - 146
Acetone	<10		200	196		ug/L		98	43 - 150
Benzene	<0.38		50.0	52.5		ug/L		105	56 - 142
Bromobenzene	<0.54		50.0	49.8		ug/L		100	59 - 136
Bromoform	<0.71		50.0	53.0		ug/L		106	50 - 140
Bromomethane	<0.98		50.0	44.6		ug/L		89	10 - 150
Carbon disulfide	<0.50		50.0	49.9		ug/L		100	48 - 150
Carbon tetrachloride	<0.50		50.0	51.7		ug/L		103	55 - 145
Chlorobenzene	<0.50		50.0	49.3		ug/L		99	64 - 130
Chlorobromomethane	<0.52		50.0	54.1		ug/L		108	64 - 140
Chlorodibromomethane	<0.50		50.0	51.9		ug/L		104	56 - 143
Chloroethane	<0.76		50.0	44.6		ug/L		89	50 - 150
Chloroform	<0.60		50.0	51.7		ug/L		103	60 - 141
Chloromethane	<0.83		50.0	40.4		ug/L		81	49 - 148
cis-1,2-Dichloroethene	<0.50		50.0	52.1		ug/L		104	59 - 143
cis-1,3-Dichloropropene	<0.50		50.0	55.2		ug/L		110	57 - 140
Dibromomethane	<0.59		50.0	50.9		ug/L		102	63 - 138
Dichlorobromomethane	<0.50		50.0	50.4		ug/L		101	59 - 143
Dichlorodifluoromethane	<0.85		50.0	38.5		ug/L		77	16 - 150
Ethylbenzene	<0.50		50.0	49.7		ug/L		99	58 - 131
Ethylene Dibromide	<0.50		50.0	51.7		ug/L		103	64 - 132
Hexachlorobutadiene	<0.90		50.0	45.9		ug/L		92	31 - 149
Iodomethane	<0.90		50.0	66.9		ug/L		134	20 - 150
Isopropyl ether	<0.70		50.0	34.3		ug/L		69	60 - 144
Isopropylbenzene	<0.53		50.0	50.1		ug/L		100	56 - 133
Methyl tert-butyl ether	<0.74		50.0	53.9		ug/L		108	59 - 137
Methylene Chloride	<3.0		50.0	43.0		ug/L		86	60 - 146
m-Xylene & p-Xylene	<1.6		50.0	49.7		ug/L		99	57 - 130
Naphthalene	<1.0		50.0	45.6		ug/L		91	25 - 150
n-Butylbenzene	<0.76		50.0	45.2		ug/L		90	41 - 142
N-Propylbenzene	<0.69		50.0	50.2		ug/L		100	51 - 138
o-Xylene	<0.60		50.0	49.7		ug/L		99	61 - 130

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 400-184972-1 MS
Matrix: Water
Analysis Batch: 481909

Client Sample ID: TMW-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
sec-Butylbenzene	<0.70		50.0	49.2		ug/L		98	50 - 138
Styrene	<1.0		50.0	48.7		ug/L		97	58 - 131
tert-Butylbenzene	<0.63		50.0	55.9		ug/L		112	54 - 146
Tetrachloroethene	<0.58		50.0	46.1		ug/L		92	52 - 133
Toluene	<0.41		50.0	49.9		ug/L		100	65 - 130
trans-1,2-Dichloroethene	<0.50		50.0	53.1		ug/L		106	61 - 143
trans-1,3-Dichloropropene	<0.50		50.0	52.0		ug/L		104	53 - 133
Trichloroethene	<0.50		50.0	49.9		ug/L		100	64 - 136
Trichlorofluoromethane	<0.52		50.0	48.3		ug/L		97	54 - 150
Vinyl acetate	<2.0		100	106		ug/L		106	26 - 150
Vinyl chloride	<0.50		50.0	65.2		ug/L		130	46 - 150

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*101*		*78 - 118*
Dibromofluoromethane	*100*		*81 - 121*
Toluene-d8 (Surr)	*100*		*80 - 120*

Lab Sample ID: 400-184972-1 MSD
Matrix: Water
Analysis Batch: 481909

Client Sample ID: TMW-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	<0.52		50.0	52.4		ug/L		105	59 - 137	2	30
1,1,1-Trichloroethane	<0.50		50.0	50.7		ug/L		101	57 - 142	1	30
1,1,2,2-Tetrachloroethane	<0.50		50.0	53.4		ug/L		107	66 - 135	1	30
1,1,2-Trichloroethane	<0.50		50.0	53.3		ug/L		107	66 - 131	3	30
1,1-Dichloroethane	<0.50		50.0	49.9		ug/L		100	61 - 144	4	30
1,1-Dichloroethene	<0.50		50.0	53.4		ug/L		107	54 - 147	7	30
1,1-Dichloropropene	<0.50		50.0	51.7		ug/L		103	65 - 136	3	30
1,2,3-Trichlorobenzene	<0.70		50.0	46.1		ug/L		92	43 - 145	0	30
1,2,3-Trichloropropane	<0.84		50.0	53.3		ug/L		107	65 - 133	1	30
1,2,4-Trichlorobenzene	<0.82		50.0	46.0		ug/L		92	39 - 148	2	30
1,2,4-Trimethylbenzene	<0.82		50.0	48.5		ug/L		97	50 - 139	1	30
1,2-Dibromo-3-Chloropropane	<1.5		50.0	51.6		ug/L		103	45 - 135	4	30
1,2-Dichlorobenzene	<0.50		50.0	48.2		ug/L		96	52 - 137	2	30
1,2-Dichloroethane	<0.50		50.0	49.5		ug/L		99	60 - 141	1	30
1,2-Dichloropropane	<0.50		50.0	55.0		ug/L		110	66 - 137	9	30
1,3,5-Trimethylbenzene	<0.56		50.0	49.2		ug/L		98	52 - 135	1	30
1,3-Dichlorobenzene	<0.54		50.0	47.2		ug/L		94	54 - 135	2	30
1,3-Dichloropropane	<0.50		50.0	51.2		ug/L		102	66 - 133	0	30
1,4-Dichlorobenzene	<0.64		50.0	46.6		ug/L		93	53 - 135	1	30
2,2-Dichloropropane	<0.50		50.0	51.0		ug/L		102	42 - 144	7	31
2-Butanone (MEK)	<2.6		200	199		ug/L		100	55 - 150	6	30
2-Chlorotoluene	<0.57		50.0	46.2		ug/L		92	53 - 134	1	30
2-Hexanone	<3.1		200	205		ug/L		103	65 - 140	3	30
4-Chlorotoluene	<0.56		50.0	48.7		ug/L		97	54 - 133	1	30
4-Isopropyltoluene	<0.71		50.0	47.3		ug/L		95	48 - 139	2	30
4-Methyl-2-pentanone (MIBK)	<1.8		200	209		ug/L		104	63 - 146	0	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 400-184972-1 MSD
Matrix: Water
Analysis Batch: 481909

Client Sample ID: TMW-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	<10		200	190		ug/L		95	43 - 150	3	30
Benzene	<0.38		50.0	50.4		ug/L		101	56 - 142	4	30
Bromobenzene	<0.54		50.0	48.7		ug/L		97	59 - 136	2	30
Bromoform	<0.71		50.0	56.0		ug/L		112	50 - 140	6	30
Bromomethane	<0.98		50.0	45.3		ug/L		91	10 - 150	2	50
Carbon disulfide	<0.50		50.0	47.5		ug/L		95	48 - 150	5	30
Carbon tetrachloride	<0.50		50.0	50.6		ug/L		101	55 - 145	2	30
Chlorobenzene	<0.50		50.0	49.3		ug/L		99	64 - 130	0	30
Chlorobromomethane	<0.52		50.0	50.1		ug/L		100	64 - 140	8	30
Chlorodibromomethane	<0.50		50.0	53.3		ug/L		107	56 - 143	3	30
Chloroethane	<0.76		50.0	47.5		ug/L		95	50 - 150	6	30
Chloroform	<0.60		50.0	50.3		ug/L		101	60 - 141	3	30
Chloromethane	<0.83		50.0	38.1		ug/L		76	49 - 148	6	31
cis-1,2-Dichloroethene	<0.50		50.0	50.3		ug/L		101	59 - 143	3	30
cis-1,3-Dichloropropene	<0.50		50.0	53.3		ug/L		107	57 - 140	3	30
Dibromomethane	<0.59		50.0	53.2		ug/L		106	63 - 138	5	30
Dichlorobromomethane	<0.50		50.0	51.7		ug/L		103	59 - 143	3	30
Dichlorodifluoromethane	<0.85		50.0	38.9		ug/L		78	16 - 150	1	31
Ethylbenzene	<0.50		50.0	49.1		ug/L		98	58 - 131	1	30
Ethylene Dibromide	<0.50		50.0	51.5		ug/L		103	64 - 132	0	30
Hexachlorobutadiene	<0.90		50.0	44.9		ug/L		90	31 - 149	2	36
Iodomethane	<0.90		50.0	53.3		ug/L		107	20 - 150	23	44
Isopropyl ether	<0.70		50.0	33.3		ug/L		67	60 - 144	3	30
Isopropylbenzene	<0.53		50.0	49.1		ug/L		98	56 - 133	2	30
Methyl tert-butyl ether	<0.74		50.0	52.0		ug/L		104	59 - 137	4	30
Methylene Chloride	<3.0		50.0	44.4		ug/L		89	60 - 146	3	32
m-Xylene & p-Xylene	<1.6		50.0	49.1		ug/L		98	57 - 130	1	30
Naphthalene	<1.0		50.0	50.0		ug/L		100	25 - 150	9	30
n-Butylbenzene	<0.76		50.0	44.3		ug/L		89	41 - 142	2	31
N-Propylbenzene	<0.69		50.0	49.7		ug/L		99	51 - 138	1	30
o-Xylene	<0.60		50.0	49.4		ug/L		99	61 - 130	1	30
sec-Butylbenzene	<0.70		50.0	48.4		ug/L		97	50 - 138	2	30
Styrene	<1.0		50.0	48.5		ug/L		97	58 - 131	0	30
tert-Butylbenzene	<0.63		50.0	55.0		ug/L		110	54 - 146	2	30
Tetrachloroethene	<0.58		50.0	45.0		ug/L		90	52 - 133	2	30
Toluene	<0.41		50.0	50.9		ug/L		102	65 - 130	2	30
trans-1,2-Dichloroethene	<0.50		50.0	51.5		ug/L		103	61 - 143	3	30
trans-1,3-Dichloropropene	<0.50		50.0	53.2		ug/L		106	53 - 133	2	30
Trichloroethene	<0.50		50.0	53.8		ug/L		108	64 - 136	8	30
Trichlorofluoromethane	<0.52		50.0	52.9		ug/L		106	54 - 150	9	30
Vinyl acetate	<2.0		100	102		ug/L		102	26 - 150	4	33
Vinyl chloride	<0.50		50.0	59.5		ug/L		119	46 - 150	9	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene	*102*		*78 - 118*
Dibromofluoromethane	*96*		*81 - 121*
Toluene-d8 (Surr)	*102*		*80 - 120*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 400-481368/1-A
Matrix: Water
Analysis Batch: 481827

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 481368

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	<0.043		2.5	0.043	ug/L		03/10/20 17:02	03/13/20 13:48	1
1,2,4,5-Tetrachlorobenzene	<0.045		2.5	0.045	ug/L		03/10/20 17:02	03/13/20 13:48	1
1,2,4-Trichlorobenzene	<0.045		2.5	0.045	ug/L		03/10/20 17:02	03/13/20 13:48	1
1,2-Dichlorobenzene	<0.043		2.5	0.043	ug/L		03/10/20 17:02	03/13/20 13:48	1
1,3-Dichlorobenzene	<0.045		2.5	0.045	ug/L		03/10/20 17:02	03/13/20 13:48	1
1,3-Dinitrobenzene	<0.25		2.5	0.25	ug/L		03/10/20 17:02	03/13/20 13:48	1
1,4-Dichlorobenzene	<0.040		2.5	0.040	ug/L		03/10/20 17:02	03/13/20 13:48	1
1,4-Dioxane	<0.25		2.5	0.25	ug/L		03/10/20 17:02	03/13/20 13:48	1
1-Methylnaphthalene	<0.038		2.5	0.038	ug/L		03/10/20 17:02	03/13/20 13:48	1
2,2'-oxybis(1-chloropropane)	<0.040		2.5	0.040	ug/L		03/10/20 17:02	03/13/20 13:48	1
2,3,4,6-Tetrachlorophenol	<0.40		2.5	0.40	ug/L		03/10/20 17:02	03/13/20 13:48	1
2,4,5-Trichlorophenol	<0.93		2.5	0.93	ug/L		03/10/20 17:02	03/13/20 13:48	1
2,4,6-Trichlorophenol	<0.88		2.5	0.88	ug/L		03/10/20 17:02	03/13/20 13:48	1
2,4-Dichlorophenol	<0.75		2.5	0.75	ug/L		03/10/20 17:02	03/13/20 13:48	1
2,4-Dimethylphenol	<0.88		2.5	0.88	ug/L		03/10/20 17:02	03/13/20 13:48	1
2,4-Dinitrophenol	<0.85		7.5	0.85	ug/L		03/10/20 17:02	03/13/20 13:48	1
2,4-Dinitrotoluene	<0.48		2.5	0.48	ug/L		03/10/20 17:02	03/13/20 13:48	1
2,6-Dinitrotoluene	<0.48		2.5	0.48	ug/L		03/10/20 17:02	03/13/20 13:48	1
2-Chloronaphthalene	<0.035		2.5	0.035	ug/L		03/10/20 17:02	03/13/20 13:48	1
2-Chlorophenol	<0.55		2.5	0.55	ug/L		03/10/20 17:02	03/13/20 13:48	1
2-Methylnaphthalene	<0.033		2.5	0.033	ug/L		03/10/20 17:02	03/13/20 13:48	1
2-Methylphenol	<0.45		2.5	0.45	ug/L		03/10/20 17:02	03/13/20 13:48	1
2-Nitroaniline	<0.55		2.5	0.55	ug/L		03/10/20 17:02	03/13/20 13:48	1
2-Nitrophenol	<1.3		2.5	1.3	ug/L		03/10/20 17:02	03/13/20 13:48	1
3 & 4 Methylphenol	<0.098		5.0	0.098	ug/L		03/10/20 17:02	03/13/20 13:48	1
3,3'-Dichlorobenzidine	<0.65		2.5	0.65	ug/L		03/10/20 17:02	03/13/20 13:48	1
3-Nitroaniline	<0.45		2.5	0.45	ug/L		03/10/20 17:02	03/13/20 13:48	1
4,6-Dinitro-2-methylphenol	<0.40		2.5	0.40	ug/L		03/10/20 17:02	03/13/20 13:48	1
4-Bromophenyl phenyl ether	<0.050		2.5	0.050	ug/L		03/10/20 17:02	03/13/20 13:48	1
4-Chloro-3-methylphenol	<0.95		2.5	0.95	ug/L		03/10/20 17:02	03/13/20 13:48	1
4-Chloroaniline	<0.85		2.5	0.85	ug/L		03/10/20 17:02	03/13/20 13:48	1
4-Chlorophenyl phenyl ether	<0.50		2.5	0.50	ug/L		03/10/20 17:02	03/13/20 13:48	1
4-Nitroaniline	<0.38		2.5	0.38	ug/L		03/10/20 17:02	03/13/20 13:48	1
4-Nitrophenol	<0.53		2.5	0.53	ug/L		03/10/20 17:02	03/13/20 13:48	1
Acenaphthene	<0.040		2.5	0.040	ug/L		03/10/20 17:02	03/13/20 13:48	1
Acenaphthylene	<0.043		2.5	0.043	ug/L		03/10/20 17:02	03/13/20 13:48	1
Acetophenone	0.138	J	2.5	0.035	ug/L		03/10/20 17:02	03/13/20 13:48	1
Aniline	<0.95		2.5	0.95	ug/L		03/10/20 17:02	03/13/20 13:48	1
Anthracene	<0.045		2.5	0.045	ug/L		03/10/20 17:02	03/13/20 13:48	1
Atrazine	<0.060		2.5	0.060	ug/L		03/10/20 17:02	03/13/20 13:48	1
Azobenzene	<0.25		2.5	0.25	ug/L		03/10/20 17:02	03/13/20 13:48	1
Benzaldehyde	<0.11		2.5	0.11	ug/L		03/10/20 17:02	03/13/20 13:48	1
Benzidine	<5.0		6.3	5.0	ug/L		03/10/20 17:02	03/13/20 13:48	1
Benzo[a]anthracene	<0.045		2.5	0.045	ug/L		03/10/20 17:02	03/13/20 13:48	1
Benzo[a]pyrene	<0.030		2.5	0.030	ug/L		03/10/20 17:02	03/13/20 13:48	1
Benzo[b]fluoranthene	<0.038		2.5	0.038	ug/L		03/10/20 17:02	03/13/20 13:48	1
Benzo[g,h,i]perylene	<0.058		2.5	0.058	ug/L		03/10/20 17:02	03/13/20 13:48	1
Benzo[k]fluoranthene	<0.040		2.5	0.040	ug/L		03/10/20 17:02	03/13/20 13:48	1

Client: SCS Engineers
Project/Site: Tidewater Gardens

Job ID: 400-184972-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 400-481368/1-A
Matrix: Water
Analysis Batch: 481827

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 481368

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzoic acid	<1.8		7.5	1.8	ug/L		03/10/20 17:02	03/13/20 13:48	1
Benzyl alcohol	<0.50		2.5	0.50	ug/L		03/10/20 17:02	03/13/20 13:48	1
Bis(2-chloroethoxy)methane	<0.040		2.5	0.040	ug/L		03/10/20 17:02	03/13/20 13:48	1
Bis(2-chloroethyl)ether	<0.68		2.5	0.68	ug/L		03/10/20 17:02	03/13/20 13:48	1
Bis(2-ethylhexyl) phthalate	1.64	J	2.5	1.3	ug/L		03/10/20 17:02	03/13/20 13:48	1
Butyl benzyl phthalate	<0.048		2.5	0.048	ug/L		03/10/20 17:02	03/13/20 13:48	1
Caprolactam	<0.95		2.5	0.95	ug/L		03/10/20 17:02	03/13/20 13:48	1
Carbazole	<0.058		2.5	0.058	ug/L		03/10/20 17:02	03/13/20 13:48	1
Chrysene	<0.048		2.5	0.048	ug/L		03/10/20 17:02	03/13/20 13:48	1
Dibenz(a,h)anthracene	<0.060		2.5	0.060	ug/L		03/10/20 17:02	03/13/20 13:48	1
Dibenzofuran	<0.043		2.5	0.043	ug/L		03/10/20 17:02	03/13/20 13:48	1
Diethyl phthalate	0.157	J	2.5	0.060	ug/L		03/10/20 17:02	03/13/20 13:48	1
Dimethyl phthalate	<0.043		2.5	0.043	ug/L		03/10/20 17:02	03/13/20 13:48	1
Di-n-butyl phthalate	<0.68		2.5	0.68	ug/L		03/10/20 17:02	03/13/20 13:48	1
Di-n-octyl phthalate	<0.043		2.5	0.043	ug/L		03/10/20 17:02	03/13/20 13:48	1
Fluoranthene	<0.045		2.5	0.045	ug/L		03/10/20 17:02	03/13/20 13:48	1
Fluorene	<0.045		2.5	0.045	ug/L		03/10/20 17:02	03/13/20 13:48	1
Hexachlorobenzene	<0.043		2.5	0.043	ug/L		03/10/20 17:02	03/13/20 13:48	1
Hexachlorobutadiene	<0.14		2.5	0.14	ug/L		03/10/20 17:02	03/13/20 13:48	1
Hexachlorocyclopentadiene	<0.65		5.0	0.65	ug/L		03/10/20 17:02	03/13/20 13:48	1
Hexachloroethane	<1.1		2.5	1.1	ug/L		03/10/20 17:02	03/13/20 13:48	1
Hexadecane	<0.25		2.5	0.25	ug/L		03/10/20 17:02	03/13/20 13:48	1
Indeno[1,2,3-cd]pyrene	<0.055		2.5	0.055	ug/L		03/10/20 17:02	03/13/20 13:48	1
Isophorone	<0.035		2.5	0.035	ug/L		03/10/20 17:02	03/13/20 13:48	1
Naphthalene	<0.043		2.5	0.043	ug/L		03/10/20 17:02	03/13/20 13:48	1
n-Decane	<0.25		2.5	0.25	ug/L		03/10/20 17:02	03/13/20 13:48	1
Nitrobenzene	<0.033		2.5	0.033	ug/L		03/10/20 17:02	03/13/20 13:48	1
N-Nitrosodimethylamine	<0.88		2.5	0.88	ug/L		03/10/20 17:02	03/13/20 13:48	1
N-Nitrosodi-n-propylamine	<0.83		2.5	0.83	ug/L		03/10/20 17:02	03/13/20 13:48	1
N-Nitrosodiphenylamine	<0.045		2.5	0.045	ug/L		03/10/20 17:02	03/13/20 13:48	1
n-Octadecane	<0.25		2.5	0.25	ug/L		03/10/20 17:02	03/13/20 13:48	1
Pentachlorophenol	<0.35		5.0	0.35	ug/L		03/10/20 17:02	03/13/20 13:48	1
Phenanthrene	<0.045		2.5	0.045	ug/L		03/10/20 17:02	03/13/20 13:48	1
Phenol	<0.65		2.5	0.65	ug/L		03/10/20 17:02	03/13/20 13:48	1
Pyrene	<0.053		2.5	0.053	ug/L		03/10/20 17:02	03/13/20 13:48	1
Pyridine	<0.80		2.5	0.80	ug/L		03/10/20 17:02	03/13/20 13:48	1
Sulfolane	<0.15		2.5	0.15	ug/L		03/10/20 17:02	03/13/20 13:48	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*119*		*26 - 150*	*03/10/20 17:02*	*03/13/20 13:48*	*1*
2-Fluorobiphenyl	*85*		*46 - 124*	*03/10/20 17:02*	*03/13/20 13:48*	*1*
2-Fluorophenol (Surr)	*53*		*13 - 113*	*03/10/20 17:02*	*03/13/20 13:48*	*1*
Nitrobenzene-d5 (Surr)	*81*		*36 - 126*	*03/10/20 17:02*	*03/13/20 13:48*	*1*
Phenol-d5 (Surr)	*73*		*17 - 127*	*03/10/20 17:02*	*03/13/20 13:48*	*1*
Terphenyl-d14 (Surr)	*97*		*44 - 149*	*03/10/20 17:02*	*03/13/20 13:48*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 400-481368/2-A
Matrix: Water
Analysis Batch: 481827

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 481368

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1'-Biphenyl	30.0	21.7		ug/L		72	52 - 120
1,2,4,5-Tetrachlorobenzene	30.0	20.4		ug/L		68	50 - 120
1,2,4-Trichlorobenzene	30.0	21.0		ug/L		70	47 - 120
1,2-Dichlorobenzene	30.0	20.1		ug/L		67	46 - 120
1,3-Dichlorobenzene	30.0	19.2		ug/L		64	44 - 120
1,3-Dinitrobenzene	30.0	29.3		ug/L		98	56 - 141
1,4-Dichlorobenzene	30.0	20.4		ug/L		68	45 - 130
1,4-Dioxane	30.0	12.2		ug/L		41	31 - 120
1-Methylnaphthalene	30.0	22.4		ug/L		75	50 - 120
2,2'-oxybis(1-chloropropane)	30.0	18.4		ug/L		61	33 - 121
2,3,4,6-Tetrachlorophenol	30.0	28.3		ug/L		94	51 - 149
2,4,5-Trichlorophenol	30.0	25.5		ug/L		85	51 - 136
2,4,6-Trichlorophenol	30.0	24.5		ug/L		82	50 - 127
2,4-Dichlorophenol	30.0	22.2		ug/L		74	49 - 120
2,4-Dimethylphenol	30.0	25.9		ug/L		86	48 - 120
2,4-Dinitrophenol	60.0	58.5		ug/L		98	10 - 150
2,4-Dinitrotoluene	30.0	26.3		ug/L		88	54 - 142
2,6-Dinitrotoluene	30.0	27.0		ug/L		90	55 - 130
2-Chloronaphthalene	30.0	23.1		ug/L		77	52 - 121
2-Chlorophenol	30.0	19.9		ug/L		66	40 - 120
2-Methylnaphthalene	30.0	22.2		ug/L		74	50 - 121
2-Methylphenol	30.0	21.2		ug/L		71	46 - 124
2-Nitroaniline	30.0	22.6		ug/L		75	51 - 145
2-Nitrophenol	30.0	25.0		ug/L		83	40 - 124
3 & 4 Methylphenol	30.0	20.0		ug/L		67	45 - 120
3,3'-Dichlorobenzidine	40.0	31.6		ug/L		79	36 - 132
3-Nitroaniline	30.0	18.9		ug/L		63	37 - 127
4,6-Dinitro-2-methylphenol	60.0	54.5		ug/L		91	23 - 148
4-Bromophenyl phenyl ether	30.0	22.6		ug/L		75	54 - 122
4-Chloro-3-methylphenol	30.0	23.4		ug/L		78	48 - 131
4-Chloroaniline	30.0	18.9		ug/L		63	26 - 120
4-Chlorophenyl phenyl ether	30.0	22.9		ug/L		76	56 - 125
4-Nitroaniline	30.0	23.2		ug/L		77	36 - 137
4-Nitrophenol	60.0	49.9		ug/L		83	23 - 146
Acenaphthene	30.0	21.9		ug/L		73	54 - 125
Acenaphthylene	30.0	22.8		ug/L		76	44 - 130
Acetophenone	30.0	22.9		ug/L		76	46 - 120
Aniline	30.0	18.2		ug/L		61	21 - 120
Anthracene	30.0	20.8		ug/L		69	61 - 120
Atrazine	30.0	43.0	*	ug/L		143	35 - 120
Azobenzene	30.0	19.6		ug/L		65	45 - 124
Benzaldehyde	30.0	32.3		ug/L		108	28 - 120
Benzidine	136	32.8		ug/L		24	10 - 121
Benzo[a]anthracene	30.0	19.4		ug/L		65	59 - 120
Benzo[a]pyrene	30.0	19.6		ug/L		65	52 - 126
Benzo[b]fluoranthene	30.0	20.6		ug/L		69	33 - 149
Benzo[g,h,i]perylene	30.0	21.1		ug/L		70	38 - 150
Benzo[k]fluoranthene	30.0	22.2		ug/L		74	51 - 130

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 400-481368/2-A
Matrix: Water
Analysis Batch: 481827

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 481368

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzoic acid	116	157		ug/L		135	10 - 144
Benzyl alcohol	30.0	21.0		ug/L		70	28 - 120
Bis(2-chloroethoxy)methane	30.0	21.9		ug/L		73	47 - 120
Bis(2-chloroethyl)ether	30.0	21.3		ug/L		71	44 - 120
Bis(2-ethylhexyl) phthalate	30.0	22.9		ug/L		76	52 - 147
Butyl benzyl phthalate	30.0	21.1		ug/L		70	54 - 133
Caprolactam	30.0	43.3	*	ug/L		144	53 - 129
Carbazole	30.0	25.0		ug/L		83	54 - 142
Chrysene	30.0	19.7		ug/L		66	61 - 121
Dibenz(a,h)anthracene	30.0	20.9		ug/L		70	40 - 150
Dibenzofuran	30.0	22.9		ug/L		76	56 - 122
Diethyl phthalate	30.0	27.2		ug/L		91	50 - 137
Dimethyl phthalate	30.0	24.3		ug/L		81	57 - 124
Di-n-butyl phthalate	30.0	25.0		ug/L		83	58 - 126
Di-n-octyl phthalate	30.0	20.1		ug/L		67	57 - 138
Fluoranthene	30.0	21.6		ug/L		72	56 - 128
Fluorene	30.0	23.3		ug/L		78	54 - 124
Hexachlorobenzene	30.0	21.1		ug/L		70	52 - 129
Hexachlorobutadiene	30.0	18.0		ug/L		60	20 - 120
Hexachlorocyclopentadiene	30.0	18.3		ug/L		61	10 - 134
Hexachloroethane	30.0	15.9		ug/L		53	20 - 120
Hexadecane	30.0	15.6		ug/L		52	27 - 132
Indeno[1,2,3-cd]pyrene	30.0	20.9		ug/L		70	41 - 150
Isophorone	30.0	21.5		ug/L		72	48 - 120
Naphthalene	30.0	21.4		ug/L		71	48 - 120
n-Decane	30.0	10.7		ug/L		36	22 - 120
Nitrobenzene	30.0	20.2		ug/L		67	45 - 120
N-Nitrosodimethylamine	30.0	19.5		ug/L		65	29 - 137
N-Nitrosodi-n-propylamine	30.0	22.6		ug/L		75	45 - 120
N-Nitrosodiphenylamine	29.8	24.6		ug/L		83	54 - 120
n-Octadecane	30.0	16.3		ug/L		54	30 - 137
Pentachlorophenol	60.0	55.3		ug/L		92	31 - 130
Phenanthrene	30.0	21.2		ug/L		71	61 - 120
Phenol	30.0	20.2		ug/L		67	40 - 120
Pyrene	30.0	20.0		ug/L		67	53 - 128
Pyridine	60.0	30.5		ug/L		51	16 - 120
Sulfolane	29.8	39.4	*	ug/L		132	41 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*97*		*26 - 150*
2-Fluorobiphenyl	*70*		*46 - 124*
2-Fluorophenol (Surr)	*51*		*13 - 113*
Nitrobenzene-d5 (Surr)	*74*		*36 - 126*
Phenol-d5 (Surr)	*60*		*17 - 127*
Terphenyl-d14 (Surr)	*85*		*44 - 149*

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 400-481368/3-A
Matrix: Water
Analysis Batch: 481827

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 481368

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1'-Biphenyl			30.0	27.3		ug/L		91	52 - 120	23	30
1,2,4,5-Tetrachlorobenzene			30.0	24.8		ug/L		83	50 - 120	19	30
1,2,4-Trichlorobenzene			30.0	24.0		ug/L		80	47 - 120	14	30
1,2-Dichlorobenzene			30.0	23.2		ug/L		77	46 - 120	14	30
1,3-Dichlorobenzene			30.0	21.8		ug/L		73	44 - 120	13	30
1,3-Dinitrobenzene			30.0	36.0		ug/L		120	56 - 141	21	30
1,4-Dichlorobenzene			30.0	23.0		ug/L		77	45 - 130	12	30
1,4-Dioxane			30.0	14.0		ug/L		47	31 - 120	14	30
1-Methylnaphthalene			30.0	27.0		ug/L		90	50 - 120	18	30
2,2'-oxybis(1-chloropropane)			30.0	20.7		ug/L		69	33 - 121	12	30
2,3,4,6-Tetrachlorophenol			30.0	38.6	*1	ug/L		129	51 - 149	31	30
2,4,5-Trichlorophenol			30.0	33.7		ug/L		112	51 - 136	28	30
2,4,6-Trichlorophenol			30.0	34.3	*1	ug/L		114	50 - 127	33	30
2,4-Dichlorophenol			30.0	28.8		ug/L		96	49 - 120	26	30
2,4-Dimethylphenol			30.0	32.5		ug/L		108	48 - 120	23	30
2,4-Dinitrophenol			60.0	75.7		ug/L		126	10 - 150	26	30
2,4-Dinitrotoluene			30.0	32.0		ug/L		107	54 - 142	19	30
2,6-Dinitrotoluene			30.0	32.5		ug/L		108	55 - 130	19	30
2-Chloronaphthalene			30.0	28.3		ug/L		94	52 - 121	20	30
2-Chlorophenol			30.0	25.5		ug/L		85	40 - 120	25	30
2-Methylnaphthalene			30.0	26.9		ug/L		90	50 - 121	19	30
2-Methylphenol			30.0	27.5		ug/L		92	46 - 124	26	30
2-Nitroaniline			30.0	28.4		ug/L		95	51 - 145	23	30
2-Nitrophenol			30.0	33.2		ug/L		111	40 - 124	28	30
3 & 4 Methylphenol			30.0	26.5		ug/L		88	45 - 120	28	30
3,3'-Dichlorobenzidine			40.0	35.3		ug/L		88	36 - 132	11	30
3-Nitroaniline			30.0	21.6		ug/L		72	37 - 127	13	30
4,6-Dinitro-2-methylphenol			60.0	72.7		ug/L		121	23 - 148	29	30
4-Bromophenyl phenyl ether			30.0	27.6		ug/L		92	54 - 122	20	30
4-Chloro-3-methylphenol			30.0	30.6		ug/L		102	48 - 131	27	30
4-Chloroaniline			30.0	22.4		ug/L		75	26 - 120	17	30
4-Chlorophenyl phenyl ether			30.0	27.1		ug/L		90	56 - 125	17	30
4-Nitroaniline			30.0	27.5		ug/L		92	36 - 137	17	30
4-Nitrophenol			60.0	67.6		ug/L		113	23 - 146	30	30
Acenaphthene			30.0	26.4		ug/L		88	54 - 125	19	30
Acenaphthylene			30.0	28.4		ug/L		95	44 - 130	22	30
Acetophenone			30.0	27.1		ug/L		90	46 - 120	17	30
Aniline			30.0	24.0		ug/L		80	21 - 120	27	30
Anthracene			30.0	25.9		ug/L		86	61 - 120	22	30
Atrazine			30.0	45.7	*	ug/L		152	35 - 120	6	30
Azobenzene			30.0	22.7		ug/L		76	45 - 124	15	30
Benzaldehyde			30.0	35.7		ug/L		119	28 - 120	10	30
Benzidine			136	53.5	*1	ug/L		39	10 - 121	48	30
Benzo[a]anthracene			30.0	23.7		ug/L		79	59 - 120	20	30
Benzo[a]pyrene			30.0	23.6		ug/L		79	52 - 126	18	30
Benzo[b]fluoranthene			30.0	26.2		ug/L		87	33 - 149	24	30
Benzo[g,h,i]perylene			30.0	24.7		ug/L		82	38 - 150	16	30
Benzo[k]fluoranthene			30.0	26.0		ug/L		87	51 - 130	16	30

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 400-481368/3-A
Matrix: Water
Analysis Batch: 481827

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 481368

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzoic acid			116	208	*	ug/L		178	10 - 144	28	30
Benzyl alcohol			30.0	24.2		ug/L		81	28 - 120	14	30
Bis(2-chloroethoxy)methane			30.0	26.1		ug/L		87	47 - 120	17	30
Bis(2-chloroethyl)ether			30.0	27.6		ug/L		92	44 - 120	25	30
Bis(2-ethylhexyl) phthalate			30.0	25.7		ug/L		86	52 - 147	11	30
Butyl benzyl phthalate			30.0	24.3		ug/L		81	54 - 133	14	30
Caprolactam			30.0	54.2	*	ug/L		181	53 - 129	22	30
Carbazole			30.0	29.6		ug/L		99	54 - 142	17	30
Chrysene			30.0	24.1		ug/L		80	61 - 121	20	30
Dibenz(a,h)anthracene			30.0	25.2		ug/L		84	40 - 150	19	30
Dibenzofuran			30.0	27.2		ug/L		91	56 - 122	17	30
Diethyl phthalate			30.0	30.9		ug/L		103	50 - 137	13	30
Dimethyl phthalate			30.0	29.9		ug/L		100	57 - 124	21	30
Di-n-butyl phthalate			30.0	29.7		ug/L		99	58 - 126	17	30
Di-n-octyl phthalate			30.0	25.8		ug/L		86	57 - 138	25	30
Fluoranthene			30.0	26.4		ug/L		88	56 - 128	20	30
Fluorene			30.0	26.9		ug/L		90	54 - 124	15	30
Hexachlorobenzene			30.0	25.4		ug/L		85	52 - 129	19	30
Hexachlorobutadiene			30.0	21.8		ug/L		73	20 - 120	19	30
Hexachlorocyclopentadiene			30.0	22.7		ug/L		76	10 - 134	22	30
Hexachloroethane			30.0	19.5		ug/L		65	20 - 120	20	30
Hexadecane			30.0	17.9		ug/L		60	27 - 132	14	30
Indeno[1,2,3-cd]pyrene			30.0	24.7		ug/L		82	41 - 150	16	30
Isophorone			30.0	26.1		ug/L		87	48 - 120	19	30
Naphthalene			30.0	26.4		ug/L		88	48 - 120	21	30
n-Decane			30.0	12.1		ug/L		40	22 - 120	12	30
Nitrobenzene			30.0	24.1		ug/L		80	45 - 120	18	30
N-Nitrosodimethylamine			30.0	22.1		ug/L		74	29 - 137	12	30
N-Nitrosodi-n-propylamine			30.0	26.5		ug/L		88	45 - 120	16	30
N-Nitrosodiphenylamine			29.8	28.1		ug/L		95	54 - 120	14	30
n-Octadecane			30.0	19.3		ug/L		64	30 - 137	17	30
Pentachlorophenol			60.0	70.6		ug/L		118	31 - 130	24	30
Phenanthrene			30.0	25.6		ug/L		85	61 - 120	19	30
Phenol			30.0	26.5		ug/L		88	40 - 120	27	30
Pyrene			30.0	23.1		ug/L		77	53 - 128	14	30
Pyridine			60.0	36.8		ug/L		61	16 - 120	18	30
Sulfolane			29.8	48.4	*	ug/L		162	41 - 120	21	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*134*		*26 - 150*
2-Fluorobiphenyl	*92*		*46 - 124*
2-Fluorophenol (Surr)	*69*		*13 - 113*
Nitrobenzene-d5 (Surr)	*88*		*36 - 126*
Phenol-d5 (Surr)	*79*		*17 - 127*
Terphenyl-d14 (Surr)	*97*		*44 - 149*

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 400-481516/1-A
Matrix: Water
Analysis Batch: 482124

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 481516

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.0517	J	2.5	0.043	ug/L		03/11/20 15:48	03/16/20 21:24	1
1,2,4,5-Tetrachlorobenzene	<0.045		2.5	0.045	ug/L		03/11/20 15:48	03/16/20 21:24	1
1,2,4-Trichlorobenzene	<0.045		2.5	0.045	ug/L		03/11/20 15:48	03/16/20 21:24	1
1,2-Dichlorobenzene	<0.043		2.5	0.043	ug/L		03/11/20 15:48	03/16/20 21:24	1
1,3-Dichlorobenzene	<0.045		2.5	0.045	ug/L		03/11/20 15:48	03/16/20 21:24	1
1,3-Dinitrobenzene	<0.25		2.5	0.25	ug/L		03/11/20 15:48	03/16/20 21:24	1
1,4-Dichlorobenzene	<0.040		2.5	0.040	ug/L		03/11/20 15:48	03/16/20 21:24	1
1,4-Dioxane	<0.25		2.5	0.25	ug/L		03/11/20 15:48	03/16/20 21:24	1
1-Methylnaphthalene	<0.038		2.5	0.038	ug/L		03/11/20 15:48	03/16/20 21:24	1
2,2'-oxybis(1-chloropropane)	<0.040		2.5	0.040	ug/L		03/11/20 15:48	03/16/20 21:24	1
2,3,4,6-Tetrachlorophenol	<0.40		2.5	0.40	ug/L		03/11/20 15:48	03/16/20 21:24	1
2,4,5-Trichlorophenol	<0.93		2.5	0.93	ug/L		03/11/20 15:48	03/16/20 21:24	1
2,4,6-Trichlorophenol	<0.88		2.5	0.88	ug/L		03/11/20 15:48	03/16/20 21:24	1
2,4-Dichlorophenol	<0.75		2.5	0.75	ug/L		03/11/20 15:48	03/16/20 21:24	1
2,4-Dimethylphenol	<0.88		2.5	0.88	ug/L		03/11/20 15:48	03/16/20 21:24	1
2,4-Dinitrophenol	<0.85		7.5	0.85	ug/L		03/11/20 15:48	03/16/20 21:24	1
2,4-Dinitrotoluene	<0.48		2.5	0.48	ug/L		03/11/20 15:48	03/16/20 21:24	1
2,6-Dinitrotoluene	<0.48		2.5	0.48	ug/L		03/11/20 15:48	03/16/20 21:24	1
2-Chloronaphthalene	<0.035		2.5	0.035	ug/L		03/11/20 15:48	03/16/20 21:24	1
2-Chlorophenol	<0.55		2.5	0.55	ug/L		03/11/20 15:48	03/16/20 21:24	1
2-Methylnaphthalene	<0.033		2.5	0.033	ug/L		03/11/20 15:48	03/16/20 21:24	1
2-Methylphenol	<0.45		2.5	0.45	ug/L		03/11/20 15:48	03/16/20 21:24	1
2-Nitroaniline	<0.55		2.5	0.55	ug/L		03/11/20 15:48	03/16/20 21:24	1
2-Nitrophenol	<1.3		2.5	1.3	ug/L		03/11/20 15:48	03/16/20 21:24	1
3 & 4 Methylphenol	<0.098		5.0	0.098	ug/L		03/11/20 15:48	03/16/20 21:24	1
3,3'-Dichlorobenzidine	<0.65		2.5	0.65	ug/L		03/11/20 15:48	03/16/20 21:24	1
3-Nitroaniline	<0.45		2.5	0.45	ug/L		03/11/20 15:48	03/16/20 21:24	1
4,6-Dinitro-2-methylphenol	<0.40		2.5	0.40	ug/L		03/11/20 15:48	03/16/20 21:24	1
4-Bromophenyl phenyl ether	<0.050		2.5	0.050	ug/L		03/11/20 15:48	03/16/20 21:24	1
4-Chloro-3-methylphenol	<0.95		2.5	0.95	ug/L		03/11/20 15:48	03/16/20 21:24	1
4-Chloroaniline	<0.85		2.5	0.85	ug/L		03/11/20 15:48	03/16/20 21:24	1
4-Chlorophenyl phenyl ether	<0.50		2.5	0.50	ug/L		03/11/20 15:48	03/16/20 21:24	1
4-Nitroaniline	<0.38		2.5	0.38	ug/L		03/11/20 15:48	03/16/20 21:24	1
4-Nitrophenol	<0.53		2.5	0.53	ug/L		03/11/20 15:48	03/16/20 21:24	1
Acenaphthene	<0.040		2.5	0.040	ug/L		03/11/20 15:48	03/16/20 21:24	1
Acenaphthylene	<0.043		2.5	0.043	ug/L		03/11/20 15:48	03/16/20 21:24	1
Acetophenone	<0.035		2.5	0.035	ug/L		03/11/20 15:48	03/16/20 21:24	1
Aniline	<0.95		2.5	0.95	ug/L		03/11/20 15:48	03/16/20 21:24	1
Anthracene	<0.045		2.5	0.045	ug/L		03/11/20 15:48	03/16/20 21:24	1
Atrazine	<0.060		2.5	0.060	ug/L		03/11/20 15:48	03/16/20 21:24	1
Azobenzene	<0.25		2.5	0.25	ug/L		03/11/20 15:48	03/16/20 21:24	1
Benzaldehyde	<0.11		2.5	0.11	ug/L		03/11/20 15:48	03/16/20 21:24	1
Benzidine	<5.0		6.3	5.0	ug/L		03/11/20 15:48	03/16/20 21:24	1
Benzo[a]anthracene	<0.045		2.5	0.045	ug/L		03/11/20 15:48	03/16/20 21:24	1
Benzo[a]pyrene	<0.030		2.5	0.030	ug/L		03/11/20 15:48	03/16/20 21:24	1
Benzo[b]fluoranthene	<0.038		2.5	0.038	ug/L		03/11/20 15:48	03/16/20 21:24	1
Benzo[g,h,i]perylene	<0.058		2.5	0.058	ug/L		03/11/20 15:48	03/16/20 21:24	1
Benzo[k]fluoranthene	<0.040		2.5	0.040	ug/L		03/11/20 15:48	03/16/20 21:24	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 400-481516/1-A
Matrix: Water
Analysis Batch: 482124

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 481516

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzoic acid	<1.8		7.5	1.8	ug/L		03/11/20 15:48	03/16/20 21:24	1
Benzyl alcohol	<0.50		2.5	0.50	ug/L		03/11/20 15:48	03/16/20 21:24	1
Bis(2-chloroethoxy)methane	<0.040		2.5	0.040	ug/L		03/11/20 15:48	03/16/20 21:24	1
Bis(2-chloroethyl)ether	<0.68		2.5	0.68	ug/L		03/11/20 15:48	03/16/20 21:24	1
Bis(2-ethylhexyl) phthalate	6.24		2.5	1.3	ug/L		03/11/20 15:48	03/16/20 21:24	1
Butyl benzyl phthalate	<0.048		2.5	0.048	ug/L		03/11/20 15:48	03/16/20 21:24	1
Caprolactam	1.02	J	2.5	0.95	ug/L		03/11/20 15:48	03/16/20 21:24	1
Carbazole	<0.058		2.5	0.058	ug/L		03/11/20 15:48	03/16/20 21:24	1
Chrysene	<0.048		2.5	0.048	ug/L		03/11/20 15:48	03/16/20 21:24	1
Dibenz(a,h)anthracene	<0.060		2.5	0.060	ug/L		03/11/20 15:48	03/16/20 21:24	1
Dibenzofuran	<0.043		2.5	0.043	ug/L		03/11/20 15:48	03/16/20 21:24	1
Diethyl phthalate	0.126	J	2.5	0.060	ug/L		03/11/20 15:48	03/16/20 21:24	1
Dimethyl phthalate	<0.043		2.5	0.043	ug/L		03/11/20 15:48	03/16/20 21:24	1
Di-n-butyl phthalate	<0.68		2.5	0.68	ug/L		03/11/20 15:48	03/16/20 21:24	1
Di-n-octyl phthalate	<0.043		2.5	0.043	ug/L		03/11/20 15:48	03/16/20 21:24	1
Fluoranthene	<0.045		2.5	0.045	ug/L		03/11/20 15:48	03/16/20 21:24	1
Fluorene	<0.045		2.5	0.045	ug/L		03/11/20 15:48	03/16/20 21:24	1
Hexachlorobenzene	<0.043		2.5	0.043	ug/L		03/11/20 15:48	03/16/20 21:24	1
Hexachlorobutadiene	<0.14		2.5	0.14	ug/L		03/11/20 15:48	03/16/20 21:24	1
Hexachlorocyclopentadiene	<0.65		5.0	0.65	ug/L		03/11/20 15:48	03/16/20 21:24	1
Hexachloroethane	<1.1		2.5	1.1	ug/L		03/11/20 15:48	03/16/20 21:24	1
Hexadecane	<0.25		2.5	0.25	ug/L		03/11/20 15:48	03/16/20 21:24	1
Indeno[1,2,3-cd]pyrene	<0.055		2.5	0.055	ug/L		03/11/20 15:48	03/16/20 21:24	1
Isophorone	<0.035		2.5	0.035	ug/L		03/11/20 15:48	03/16/20 21:24	1
Naphthalene	0.0676	J	2.5	0.043	ug/L		03/11/20 15:48	03/16/20 21:24	1
n-Decane	<0.25		2.5	0.25	ug/L		03/11/20 15:48	03/16/20 21:24	1
Nitrobenzene	<0.033		2.5	0.033	ug/L		03/11/20 15:48	03/16/20 21:24	1
N-Nitrosodimethylamine	<0.88		2.5	0.88	ug/L		03/11/20 15:48	03/16/20 21:24	1
N-Nitrosodi-n-propylamine	<0.83		2.5	0.83	ug/L		03/11/20 15:48	03/16/20 21:24	1
N-Nitrosodiphenylamine	<0.045		2.5	0.045	ug/L		03/11/20 15:48	03/16/20 21:24	1
n-Octadecane	<0.25		2.5	0.25	ug/L		03/11/20 15:48	03/16/20 21:24	1
Pentachlorophenol	<0.35		5.0	0.35	ug/L		03/11/20 15:48	03/16/20 21:24	1
Phenanthrene	<0.045		2.5	0.045	ug/L		03/11/20 15:48	03/16/20 21:24	1
Phenol	<0.65		2.5	0.65	ug/L		03/11/20 15:48	03/16/20 21:24	1
Pyrene	<0.053		2.5	0.053	ug/L		03/11/20 15:48	03/16/20 21:24	1
Pyridine	<0.80		2.5	0.80	ug/L		03/11/20 15:48	03/16/20 21:24	1
Sulfolane	<0.15		2.5	0.15	ug/L		03/11/20 15:48	03/16/20 21:24	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*65*		*26 - 150*	*03/11/20 15:48*	*03/16/20 21:24*	*1*
2-Fluorobiphenyl	*58*		*46 - 124*	*03/11/20 15:48*	*03/16/20 21:24*	*1*
2-Fluorophenol (Surr)	*17*		*13 - 113*	*03/11/20 15:48*	*03/16/20 21:24*	*1*
Nitrobenzene-d5 (Surr)	*67*		*36 - 126*	*03/11/20 15:48*	*03/16/20 21:24*	*1*
Phenol-d5 (Surr)	*46*		*17 - 127*	*03/11/20 15:48*	*03/16/20 21:24*	*1*
Terphenyl-d14 (Surr)	*65*		*44 - 149*	*03/11/20 15:48*	*03/16/20 21:24*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 400-481516/2-A
Matrix: Water
Analysis Batch: 482306

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 481516

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1'-Biphenyl	30.0	22.6		ug/L		75	52 - 120
1,2,4,5-Tetrachlorobenzene	30.0	21.7		ug/L		72	50 - 120
1,2,4-Trichlorobenzene	30.0	22.4		ug/L		75	47 - 120
1,2-Dichlorobenzene	30.0	22.0		ug/L		73	46 - 120
1,3-Dichlorobenzene	30.0	21.0		ug/L		70	44 - 120
1,3-Dinitrobenzene	30.0	23.3		ug/L		78	56 - 141
1,4-Dichlorobenzene	30.0	21.8		ug/L		73	45 - 130
1,4-Dioxane	30.0	16.4		ug/L		55	31 - 120
1-Methylnaphthalene	30.0	23.6		ug/L		79	50 - 120
2,2'-oxybis(1-chloropropane)	30.0	22.9		ug/L		76	33 - 121
2,3,4,6-Tetrachlorophenol	30.0	23.7		ug/L		79	51 - 149
2,4,5-Trichlorophenol	30.0	22.1		ug/L		74	51 - 136
2,4,6-Trichlorophenol	30.0	22.7		ug/L		76	50 - 127
2,4-Dichlorophenol	30.0	25.2		ug/L		84	49 - 120
2,4-Dimethylphenol	30.0	20.0		ug/L		67	48 - 120
2,4-Dinitrophenol	60.0	50.6		ug/L		84	10 - 150
2,4-Dinitrotoluene	30.0	24.5		ug/L		82	54 - 142
2,6-Dinitrotoluene	30.0	23.2		ug/L		77	55 - 130
2-Chloronaphthalene	30.0	22.5		ug/L		75	52 - 121
2-Chlorophenol	30.0	19.9		ug/L		66	40 - 120
2-Methylnaphthalene	30.0	23.6		ug/L		79	50 - 121
2-Methylphenol	30.0	23.9		ug/L		80	46 - 124
2-Nitroaniline	30.0	24.0		ug/L		80	51 - 145
2-Nitrophenol	30.0	23.7		ug/L		79	40 - 124
3 & 4 Methylphenol	30.0	23.8		ug/L		79	45 - 120
3,3'-Dichlorobenzidine	60.0	52.0	E	ug/L		87	36 - 132
3-Nitroaniline	30.0	12.8		ug/L		43	37 - 127
4,6-Dinitro-2-methylphenol	60.0	48.7		ug/L		81	23 - 148
4-Bromophenyl phenyl ether	30.0	24.0		ug/L		80	54 - 122
4-Chloro-3-methylphenol	30.0	25.1		ug/L		84	48 - 131
4-Chloroaniline	30.0	10.4		ug/L		35	26 - 120
4-Chlorophenyl phenyl ether	30.0	24.2		ug/L		81	56 - 125
4-Nitroaniline	30.0	18.5		ug/L		62	36 - 137
4-Nitrophenol	60.0	53.4		ug/L		89	23 - 146
Acenaphthene	30.0	21.8		ug/L		73	54 - 125
Acenaphthylene	30.0	24.9		ug/L		83	44 - 130
Acetophenone	30.0	24.2		ug/L		81	46 - 120
Aniline	30.0	16.1		ug/L		54	21 - 120
Anthracene	30.0	23.6		ug/L		79	61 - 120
Atrazine	30.0	22.9		ug/L		76	35 - 120
Azobenzene	30.0	24.8		ug/L		83	45 - 124
Benzaldehyde	30.0	22.3		ug/L		74	28 - 120
Benzidine	60.0	10.9		ug/L		18	10 - 121
Benzo[a]anthracene	30.0	24.0		ug/L		80	59 - 120
Benzo[a]pyrene	30.0	23.4		ug/L		78	52 - 126
Benzo[b]fluoranthene	30.0	24.1		ug/L		80	33 - 149
Benzo[g,h,i]perylene	30.0	21.7		ug/L		72	38 - 150
Benzo[k]fluoranthene	30.0	23.9		ug/L		80	51 - 130

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 400-481516/2-A
Matrix: Water
Analysis Batch: 482306

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 481516

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzoic acid	116	95.7		ug/L		82	10 - 144
Benzyl alcohol	30.0	26.3		ug/L		88	28 - 120
Bis(2-chloroethoxy)methane	30.0	23.3		ug/L		78	47 - 120
Bis(2-chloroethyl)ether	30.0	21.4		ug/L		71	44 - 120
Bis(2-ethylhexyl) phthalate	30.0	29.2		ug/L		97	52 - 147
Butyl benzyl phthalate	30.0	29.1		ug/L		97	54 - 133
Caprolactam	30.0	23.8		ug/L		79	53 - 129
Carbazole	30.0	25.0		ug/L		83	54 - 142
Chrysene	30.0	22.7		ug/L		76	61 - 121
Dibenz(a,h)anthracene	30.0	21.4		ug/L		71	40 - 150
Dibenzofuran	30.0	23.6		ug/L		79	56 - 122
Diethyl phthalate	30.0	25.8		ug/L		86	50 - 137
Dimethyl phthalate	30.0	24.0		ug/L		80	57 - 124
Di-n-butyl phthalate	30.0	26.5		ug/L		88	58 - 126
Di-n-octyl phthalate	30.0	26.4		ug/L		88	57 - 138
Fluoranthene	30.0	25.2		ug/L		84	56 - 128
Fluorene	30.0	25.2		ug/L		84	54 - 124
Hexachlorobenzene	30.0	25.5		ug/L		85	52 - 129
Hexachlorobutadiene	30.0	23.4		ug/L		78	20 - 120
Hexachlorocyclopentadiene	30.0	2.21	J *	ug/L		7	10 - 134
Hexachloroethane	30.0	22.4		ug/L		75	20 - 120
Hexadecane	30.0	20.7		ug/L		69	27 - 132
Indeno[1,2,3-cd]pyrene	30.0	21.2		ug/L		71	41 - 150
Isophorone	30.0	25.4		ug/L		85	48 - 120
Naphthalene	30.0	22.2		ug/L		74	48 - 120
n-Decane	30.0	22.6		ug/L		75	22 - 120
Nitrobenzene	30.0	25.1		ug/L		84	45 - 120
N-Nitrosodimethylamine	30.0	25.7		ug/L		86	29 - 137
N-Nitrosodi-n-propylamine	30.0	25.1		ug/L		84	45 - 120
N-Nitrosodiphenylamine	29.8	22.4		ug/L		75	54 - 120
n-Octadecane	30.0	22.1		ug/L		74	30 - 137
Pentachlorophenol	60.0	40.5		ug/L		67	31 - 130
Phenanthrene	30.0	23.9		ug/L		80	61 - 120
Phenol	30.0	20.2		ug/L		67	40 - 120
Pyrene	30.0	26.8		ug/L		89	53 - 128
Pyridine	60.0	34.5		ug/L		58	16 - 120
Sulfolane	29.8	23.6		ug/L		79	41 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*80*		*26 - 150*
2-Fluorobiphenyl	*72*		*46 - 124*
2-Fluorophenol (Surr)	*36*		*13 - 113*
Nitrobenzene-d5 (Surr)	*95*		*36 - 126*
Phenol-d5 (Surr)	*69*		*17 - 127*
Terphenyl-d14 (Surr)	*78*		*44 - 149*

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 400-481516/3-A
Matrix: Water
Analysis Batch: 482306

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 481516

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1'-Biphenyl			30.0	19.0		ug/L		63	52 - 120	18	30
1,2,4,5-Tetrachlorobenzene			30.0	17.1		ug/L		57	50 - 120	24	30
1,2,4-Trichlorobenzene			30.0	17.6		ug/L		59	47 - 120	24	30
1,2-Dichlorobenzene			30.0	17.8		ug/L		59	46 - 120	21	30
1,3-Dichlorobenzene			30.0	16.5		ug/L		55	44 - 120	24	30
1,3-Dinitrobenzene			30.0	20.1		ug/L		67	56 - 141	15	30
1,4-Dichlorobenzene			30.0	17.5		ug/L		58	45 - 130	22	30
1,4-Dioxane			30.0	14.6		ug/L		49	31 - 120	11	30
1-Methylnaphthalene			30.0	20.0		ug/L		67	50 - 120	17	30
2,2'-oxybis(1-chloropropane)			30.0	20.3		ug/L		68	33 - 121	12	30
2,3,4,6-Tetrachlorophenol			30.0	20.2		ug/L		67	51 - 149	16	30
2,4,5-Trichlorophenol			30.0	18.9		ug/L		63	51 - 136	16	30
2,4,6-Trichlorophenol			30.0	18.7		ug/L		62	50 - 127	19	30
2,4-Dichlorophenol			30.0	21.6		ug/L		72	49 - 120	15	30
2,4-Dimethylphenol			30.0	17.9		ug/L		60	48 - 120	12	30
2,4-Dinitrophenol			60.0	41.3		ug/L		69	10 - 150	20	30
2,4-Dinitrotoluene			30.0	21.1		ug/L		70	54 - 142	15	30
2,6-Dinitrotoluene			30.0	19.7		ug/L		66	55 - 130	16	30
2-Chloronaphthalene			30.0	18.6		ug/L		62	52 - 121	19	30
2-Chlorophenol			30.0	18.2		ug/L		61	40 - 120	9	30
2-Methylnaphthalene			30.0	19.8		ug/L		66	50 - 121	18	30
2-Methylphenol			30.0	21.0		ug/L		70	46 - 124	12	30
2-Nitroaniline			30.0	21.4		ug/L		71	51 - 145	12	30
2-Nitrophenol			30.0	20.8		ug/L		69	40 - 124	13	30
3 & 4 Methylphenol			30.0	21.1		ug/L		70	45 - 120	12	30
3,3'-Dichlorobenzidine			60.0	46.6		ug/L		78	36 - 132	11	30
3-Nitroaniline			30.0	13.2		ug/L		44	37 - 127	3	30
4,6-Dinitro-2-methylphenol			60.0	40.5		ug/L		67	23 - 148	18	30
4-Bromophenyl phenyl ether			30.0	19.4		ug/L		65	54 - 122	21	30
4-Chloro-3-methylphenol			30.0	21.4		ug/L		71	48 - 131	16	30
4-Chloroaniline			30.0	12.7		ug/L		42	26 - 120	20	30
4-Chlorophenyl phenyl ether			30.0	20.1		ug/L		67	56 - 125	18	30
4-Nitroaniline			30.0	17.2		ug/L		57	36 - 137	7	30
4-Nitrophenol			60.0	45.1		ug/L		75	23 - 146	17	30
Acenaphthene			30.0	18.3		ug/L		61	54 - 125	17	30
Acenaphthylene			30.0	21.2		ug/L		71	44 - 130	16	30
Acetophenone			30.0	20.5		ug/L		68	46 - 120	17	30
Aniline			30.0	14.0		ug/L		47	21 - 120	14	30
Anthracene			30.0	20.3		ug/L		68	61 - 120	15	30
Atrazine			30.0	19.9		ug/L		66	35 - 120	14	30
Azobenzene			30.0	21.0		ug/L		70	45 - 124	17	30
Benzaldehyde			30.0	19.9		ug/L		66	28 - 120	11	30
Benzidine			60.0	12.5		ug/L		21	10 - 121	13	30
Benzo[a]anthracene			30.0	19.6		ug/L		65	59 - 120	20	30
Benzo[a]pyrene			30.0	19.2		ug/L		64	52 - 126	20	30
Benzo[b]fluoranthene			30.0	19.6		ug/L		65	33 - 149	21	30
Benzo[g,h,i]perylene			30.0	17.9		ug/L		60	38 - 150	19	30
Benzo[k]fluoranthene			30.0	18.8		ug/L		63	51 - 130	24	30

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 400-481516/3-A
Matrix: Water
Analysis Batch: 482306

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 481516

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzoic acid			116	67.2	*1	ug/L		58	10 - 144	35	30
Benzyl alcohol			30.0	22.7		ug/L		76	28 - 120	14	30
Bis(2-chloroethoxy)methane			30.0	19.8		ug/L		66	47 - 120	16	30
Bis(2-chloroethyl)ether			30.0	20.1		ug/L		67	44 - 120	6	30
Bis(2-ethylhexyl) phthalate			30.0	23.7		ug/L		79	52 - 147	21	30
Butyl benzyl phthalate			30.0	23.3		ug/L		78	54 - 133	22	30
Caprolactam			30.0	20.9		ug/L		70	53 - 129	13	30
Carbazole			30.0	21.8		ug/L		73	54 - 142	14	30
Chrysene			30.0	18.4		ug/L		61	61 - 121	21	30
Dibenz(a,h)anthracene			30.0	17.7		ug/L		59	40 - 150	19	30
Dibenzofuran			30.0	20.4		ug/L		68	56 - 122	15	30
Diethyl phthalate			30.0	22.7		ug/L		76	50 - 137	13	30
Dimethyl phthalate			30.0	20.5		ug/L		68	57 - 124	16	30
Di-n-butyl phthalate			30.0	22.6		ug/L		75	58 - 126	16	30
Di-n-octyl phthalate			30.0	21.8		ug/L		73	57 - 138	19	30
Fluoranthene			30.0	21.3		ug/L		71	56 - 128	17	30
Fluorene			30.0	22.1		ug/L		74	54 - 124	13	30
Hexachlorobenzene			30.0	20.5		ug/L		68	52 - 129	22	30
Hexachlorobutadiene			30.0	15.3	*1	ug/L		51	20 - 120	42	30
Hexachlorocyclopentadiene			30.0	1.52	J * *1	ug/L		5	10 - 134	37	30
Hexachloroethane			30.0	16.3	*1	ug/L		54	20 - 120	31	30
Hexadecane			30.0	16.0		ug/L		53	27 - 132	26	30
Indeno[1,2,3-cd]pyrene			30.0	17.4		ug/L		58	41 - 150	19	30
Isophorone			30.0	21.9		ug/L		73	48 - 120	15	30
Naphthalene			30.0	18.5		ug/L		62	48 - 120	18	30
n-Decane			30.0	15.1	*1	ug/L		50	22 - 120	40	30
Nitrobenzene			30.0	21.4		ug/L		71	45 - 120	16	30
N-Nitrosodimethylamine			30.0	22.1		ug/L		74	29 - 137	15	30
N-Nitrosodi-n-propylamine			30.0	21.8		ug/L		73	45 - 120	14	30
N-Nitrosodiphenylamine			29.8	18.6		ug/L		62	54 - 120	19	30
n-Octadecane			30.0	18.2		ug/L		61	30 - 137	20	30
Pentachlorophenol			60.0	33.2		ug/L		55	31 - 130	20	30
Phenanthrene			30.0	20.2		ug/L		67	61 - 120	17	30
Phenol			30.0	18.0		ug/L		60	40 - 120	12	30
Pyrene			30.0	21.0		ug/L		70	53 - 128	24	30
Pyridine			60.0	30.9		ug/L		52	16 - 120	11	30
Sulfolane			29.8	20.7		ug/L		70	41 - 120	13	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*70*		*26 - 150*
2-Fluorobiphenyl	*61*		*46 - 124*
2-Fluorophenol (Surr)	*37*		*13 - 113*
Nitrobenzene-d5 (Surr)	*79*		*36 - 126*
Phenol-d5 (Surr)	*63*		*17 - 127*
Terphenyl-d14 (Surr)	*65*		*44 - 149*

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 400-481520/1-A
Matrix: Water
Analysis Batch: 482487

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 481520

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	<0.043		2.5	0.043	ug/L		03/11/20 15:56	03/18/20 15:13	1
1,2,4,5-Tetrachlorobenzene	<0.045		2.5	0.045	ug/L		03/11/20 15:56	03/18/20 15:13	1
1,2,4-Trichlorobenzene	<0.045		2.5	0.045	ug/L		03/11/20 15:56	03/18/20 15:13	1
1,2-Dichlorobenzene	<0.043		2.5	0.043	ug/L		03/11/20 15:56	03/18/20 15:13	1
1,3-Dichlorobenzene	<0.045		2.5	0.045	ug/L		03/11/20 15:56	03/18/20 15:13	1
1,3-Dinitrobenzene	<0.25		2.5	0.25	ug/L		03/11/20 15:56	03/18/20 15:13	1
1,4-Dichlorobenzene	<0.040		2.5	0.040	ug/L		03/11/20 15:56	03/18/20 15:13	1
1,4-Dioxane	<0.25		2.5	0.25	ug/L		03/11/20 15:56	03/18/20 15:13	1
1-Methylnaphthalene	<0.038		2.5	0.038	ug/L		03/11/20 15:56	03/18/20 15:13	1
2,2'-oxybis(1-chloropropane)	<0.040		2.5	0.040	ug/L		03/11/20 15:56	03/18/20 15:13	1
2,3,4,6-Tetrachlorophenol	<0.40		2.5	0.40	ug/L		03/11/20 15:56	03/18/20 15:13	1
2,4,5-Trichlorophenol	<0.93		2.5	0.93	ug/L		03/11/20 15:56	03/18/20 15:13	1
2,4,6-Trichlorophenol	<0.88		2.5	0.88	ug/L		03/11/20 15:56	03/18/20 15:13	1
2,4-Dichlorophenol	<0.75		2.5	0.75	ug/L		03/11/20 15:56	03/18/20 15:13	1
2,4-Dimethylphenol	<0.88		2.5	0.88	ug/L		03/11/20 15:56	03/18/20 15:13	1
2,4-Dinitrophenol	<0.85		7.5	0.85	ug/L		03/11/20 15:56	03/18/20 15:13	1
2,4-Dinitrotoluene	<0.48		2.5	0.48	ug/L		03/11/20 15:56	03/18/20 15:13	1
2,6-Dinitrotoluene	<0.48		2.5	0.48	ug/L		03/11/20 15:56	03/18/20 15:13	1
2-Chloronaphthalene	<0.035		2.5	0.035	ug/L		03/11/20 15:56	03/18/20 15:13	1
2-Chlorophenol	<0.55		2.5	0.55	ug/L		03/11/20 15:56	03/18/20 15:13	1
2-Methylnaphthalene	<0.033		2.5	0.033	ug/L		03/11/20 15:56	03/18/20 15:13	1
2-Methylphenol	<0.45		2.5	0.45	ug/L		03/11/20 15:56	03/18/20 15:13	1
2-Nitroaniline	<0.55		2.5	0.55	ug/L		03/11/20 15:56	03/18/20 15:13	1
2-Nitrophenol	<1.3		2.5	1.3	ug/L		03/11/20 15:56	03/18/20 15:13	1
3 & 4 Methylphenol	<0.098		5.0	0.098	ug/L		03/11/20 15:56	03/18/20 15:13	1
3,3'-Dichlorobenzidine	<0.65		2.5	0.65	ug/L		03/11/20 15:56	03/18/20 15:13	1
3-Nitroaniline	<0.45		2.5	0.45	ug/L		03/11/20 15:56	03/18/20 15:13	1
4,6-Dinitro-2-methylphenol	<0.40		2.5	0.40	ug/L		03/11/20 15:56	03/18/20 15:13	1
4-Bromophenyl phenyl ether	<0.050		2.5	0.050	ug/L		03/11/20 15:56	03/18/20 15:13	1
4-Chloro-3-methylphenol	<0.95		2.5	0.95	ug/L		03/11/20 15:56	03/18/20 15:13	1
4-Chloroaniline	<0.85		2.5	0.85	ug/L		03/11/20 15:56	03/18/20 15:13	1
4-Chlorophenyl phenyl ether	<0.50		2.5	0.50	ug/L		03/11/20 15:56	03/18/20 15:13	1
4-Nitroaniline	<0.38		2.5	0.38	ug/L		03/11/20 15:56	03/18/20 15:13	1
4-Nitrophenol	<0.53		2.5	0.53	ug/L		03/11/20 15:56	03/18/20 15:13	1
Acenaphthene	<0.040		2.5	0.040	ug/L		03/11/20 15:56	03/18/20 15:13	1
Acenaphthylene	<0.043		2.5	0.043	ug/L		03/11/20 15:56	03/18/20 15:13	1
Acetophenone	0.110	J	2.5	0.035	ug/L		03/11/20 15:56	03/18/20 15:13	1
Aniline	<0.95		2.5	0.95	ug/L		03/11/20 15:56	03/18/20 15:13	1
Anthracene	<0.045		2.5	0.045	ug/L		03/11/20 15:56	03/18/20 15:13	1
Atrazine	<0.060		2.5	0.060	ug/L		03/11/20 15:56	03/18/20 15:13	1
Azobenzene	<0.25		2.5	0.25	ug/L		03/11/20 15:56	03/18/20 15:13	1
Benzaldehyde	<0.11		2.5	0.11	ug/L		03/11/20 15:56	03/18/20 15:13	1
Benzidine	<5.0		6.3	5.0	ug/L		03/11/20 15:56	03/18/20 15:13	1
Benzo[a]anthracene	0.118	J	2.5	0.045	ug/L		03/11/20 15:56	03/18/20 15:13	1
Benzo[a]pyrene	<0.030		2.5	0.030	ug/L		03/11/20 15:56	03/18/20 15:13	1
Benzo[b]fluoranthene	<0.038		2.5	0.038	ug/L		03/11/20 15:56	03/18/20 15:13	1
Benzo[g,h,i]perylene	<0.058		2.5	0.058	ug/L		03/11/20 15:56	03/18/20 15:13	1
Benzo[k]fluoranthene	<0.040		2.5	0.040	ug/L		03/11/20 15:56	03/18/20 15:13	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 400-481520/1-A
Matrix: Water
Analysis Batch: 482487

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 481520

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzoic acid	<1.8		7.5	1.8	ug/L		03/11/20 15:56	03/18/20 15:13	1
Benzyl alcohol	<0.50		2.5	0.50	ug/L		03/11/20 15:56	03/18/20 15:13	1
Bis(2-chloroethoxy)methane	<0.040		2.5	0.040	ug/L		03/11/20 15:56	03/18/20 15:13	1
Bis(2-chloroethyl)ether	<0.68		2.5	0.68	ug/L		03/11/20 15:56	03/18/20 15:13	1
Bis(2-ethylhexyl) phthalate	2.75		2.5	1.3	ug/L		03/11/20 15:56	03/18/20 15:13	1
Butyl benzyl phthalate	<0.048		2.5	0.048	ug/L		03/11/20 15:56	03/18/20 15:13	1
Caprolactam	<0.95		2.5	0.95	ug/L		03/11/20 15:56	03/18/20 15:13	1
Carbazole	<0.058		2.5	0.058	ug/L		03/11/20 15:56	03/18/20 15:13	1
Chrysene	<0.048		2.5	0.048	ug/L		03/11/20 15:56	03/18/20 15:13	1
Dibenz(a,h)anthracene	<0.060		2.5	0.060	ug/L		03/11/20 15:56	03/18/20 15:13	1
Dibenzofuran	<0.043		2.5	0.043	ug/L		03/11/20 15:56	03/18/20 15:13	1
Diethyl phthalate	0.110	J	2.5	0.060	ug/L		03/11/20 15:56	03/18/20 15:13	1
Dimethyl phthalate	<0.043		2.5	0.043	ug/L		03/11/20 15:56	03/18/20 15:13	1
Di-n-butyl phthalate	0.924	J	2.5	0.68	ug/L		03/11/20 15:56	03/18/20 15:13	1
Di-n-octyl phthalate	<0.043		2.5	0.043	ug/L		03/11/20 15:56	03/18/20 15:13	1
Fluoranthene	<0.045		2.5	0.045	ug/L		03/11/20 15:56	03/18/20 15:13	1
Fluorene	<0.045		2.5	0.045	ug/L		03/11/20 15:56	03/18/20 15:13	1
Hexachlorobenzene	<0.043		2.5	0.043	ug/L		03/11/20 15:56	03/18/20 15:13	1
Hexachlorobutadiene	<0.14		2.5	0.14	ug/L		03/11/20 15:56	03/18/20 15:13	1
Hexachlorocyclopentadiene	<0.65		5.0	0.65	ug/L		03/11/20 15:56	03/18/20 15:13	1
Hexachloroethane	<1.1		2.5	1.1	ug/L		03/11/20 15:56	03/18/20 15:13	1
Hexadecane	<0.25		2.5	0.25	ug/L		03/11/20 15:56	03/18/20 15:13	1
Indeno[1,2,3-cd]pyrene	<0.055		2.5	0.055	ug/L		03/11/20 15:56	03/18/20 15:13	1
Isophorone	<0.035		2.5	0.035	ug/L		03/11/20 15:56	03/18/20 15:13	1
Naphthalene	<0.043		2.5	0.043	ug/L		03/11/20 15:56	03/18/20 15:13	1
n-Decane	<0.25		2.5	0.25	ug/L		03/11/20 15:56	03/18/20 15:13	1
Nitrobenzene	<0.033		2.5	0.033	ug/L		03/11/20 15:56	03/18/20 15:13	1
N-Nitrosodimethylamine	<0.88		2.5	0.88	ug/L		03/11/20 15:56	03/18/20 15:13	1
N-Nitrosodi-n-propylamine	<0.83		2.5	0.83	ug/L		03/11/20 15:56	03/18/20 15:13	1
N-Nitrosodiphenylamine	<0.045		2.5	0.045	ug/L		03/11/20 15:56	03/18/20 15:13	1
n-Octadecane	0.420	J	2.5	0.25	ug/L		03/11/20 15:56	03/18/20 15:13	1
Pentachlorophenol	<0.35		5.0	0.35	ug/L		03/11/20 15:56	03/18/20 15:13	1
Phenanthrene	<0.045		2.5	0.045	ug/L		03/11/20 15:56	03/18/20 15:13	1
Phenol	<0.65		2.5	0.65	ug/L		03/11/20 15:56	03/18/20 15:13	1
Pyrene	<0.053		2.5	0.053	ug/L		03/11/20 15:56	03/18/20 15:13	1
Pyridine	<0.80		2.5	0.80	ug/L		03/11/20 15:56	03/18/20 15:13	1
Sulfolane	<0.15		2.5	0.15	ug/L		03/11/20 15:56	03/18/20 15:13	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*80*		*26 - 150*	*03/11/20 15:56*	*03/18/20 15:13*	*1*
2-Fluorobiphenyl	*75*		*46 - 124*	*03/11/20 15:56*	*03/18/20 15:13*	*1*
2-Fluorophenol (Surr)	*64*		*13 - 113*	*03/11/20 15:56*	*03/18/20 15:13*	*1*
Nitrobenzene-d5 (Surr)	*82*		*36 - 126*	*03/11/20 15:56*	*03/18/20 15:13*	*1*
Phenol-d5 (Surr)	*79*		*17 - 127*	*03/11/20 15:56*	*03/18/20 15:13*	*1*
Terphenyl-d14 (Surr)	*89*		*44 - 149*	*03/11/20 15:56*	*03/18/20 15:13*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 400-481520/2-A
Matrix: Water
Analysis Batch: 482487

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 481520

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1'-Biphenyl	30.0	24.0		ug/L		80	52 - 120
1,2,4,5-Tetrachlorobenzene	30.0	22.1		ug/L		74	50 - 120
1,2,4-Trichlorobenzene	30.0	21.1		ug/L		70	47 - 120
1,2-Dichlorobenzene	30.0	22.9		ug/L		76	46 - 120
1,3-Dichlorobenzene	30.0	21.7		ug/L		72	44 - 120
1,3-Dinitrobenzene	30.0	26.5		ug/L		88	56 - 141
1,4-Dichlorobenzene	30.0	22.5		ug/L		75	45 - 130
1,4-Dioxane	30.0	17.5		ug/L		58	31 - 120
1-Methylnaphthalene	30.0	22.7		ug/L		76	50 - 120
2,2'-oxybis(1-chloropropane)	30.0	25.1		ug/L		84	33 - 121
2,3,4,6-Tetrachlorophenol	30.0	28.4		ug/L		95	51 - 149
2,4,5-Trichlorophenol	30.0	26.8		ug/L		89	51 - 136
2,4,6-Trichlorophenol	30.0	26.5		ug/L		88	50 - 127
2,4-Dichlorophenol	30.0	26.4		ug/L		88	49 - 120
2,4-Dimethylphenol	30.0	27.2		ug/L		91	48 - 120
2,4-Dinitrophenol	60.0	61.7		ug/L		103	10 - 150
2,4-Dinitrotoluene	30.0	26.6		ug/L		89	54 - 142
2,6-Dinitrotoluene	30.0	26.0		ug/L		87	55 - 130
2-Chloronaphthalene	30.0	23.8		ug/L		79	52 - 121
2-Chlorophenol	30.0	25.7		ug/L		86	40 - 120
2-Methylnaphthalene	30.0	23.0		ug/L		77	50 - 121
2-Methylphenol	30.0	26.9		ug/L		90	46 - 124
2-Nitroaniline	30.0	29.1		ug/L		97	51 - 145
2-Nitrophenol	30.0	24.9		ug/L		83	40 - 124
3 & 4 Methylphenol	30.0	26.4		ug/L		88	45 - 120
3,3'-Dichlorobenzidine	40.0	67.3	E *	ug/L		168	36 - 132
3-Nitroaniline	30.0	27.0		ug/L		90	37 - 127
4,6-Dinitro-2-methylphenol	60.0	56.3		ug/L		94	23 - 148
4-Bromophenyl phenyl ether	30.0	25.5		ug/L		85	54 - 122
4-Chloro-3-methylphenol	30.0	25.5		ug/L		85	48 - 131
4-Chloroaniline	30.0	23.0		ug/L		77	26 - 120
4-Chlorophenyl phenyl ether	30.0	24.7		ug/L		82	56 - 125
4-Nitroaniline	30.0	28.3		ug/L		94	36 - 137
4-Nitrophenol	60.0	62.9		ug/L		105	23 - 146
Acenaphthene	30.0	23.2		ug/L		77	54 - 125
Acenaphthylene	30.0	25.4		ug/L		85	44 - 130
Acetophenone	30.0	23.9		ug/L		80	46 - 120
Aniline	30.0	20.5		ug/L		68	21 - 120
Anthracene	30.0	24.7		ug/L		82	61 - 120
Azobenzene	30.0	27.0		ug/L		90	45 - 124
Benzidine	136	62.8		ug/L		46	10 - 121
Benzo[a]anthracene	30.0	25.2		ug/L		84	59 - 120
Benzo[a]pyrene	30.0	23.3		ug/L		78	52 - 126
Benzo[b]fluoranthene	30.0	27.9		ug/L		93	33 - 149
Benzo[g,h,i]perylene	30.0	23.0		ug/L		77	38 - 150
Benzo[k]fluoranthene	30.0	26.6		ug/L		89	51 - 130
Benzyl alcohol	30.0	27.4		ug/L		91	28 - 120
Bis(2-chloroethoxy)methane	30.0	23.6		ug/L		79	47 - 120

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 400-481520/2-A
Matrix: Water
Analysis Batch: 482487

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 481520

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bis(2-chloroethyl)ether	30.0	24.3		ug/L		81	44 - 120
Bis(2-ethylhexyl) phthalate	30.0	32.9		ug/L		110	52 - 147
Butyl benzyl phthalate	30.0	29.7		ug/L		99	54 - 133
Carbazole	30.0	30.1		ug/L		100	54 - 142
Chrysene	30.0	24.7		ug/L		82	61 - 121
Dibenz(a,h)anthracene	30.0	22.7		ug/L		76	40 - 150
Dibenzofuran	30.0	24.7		ug/L		82	56 - 122
Diethyl phthalate	30.0	28.8		ug/L		96	50 - 137
Dimethyl phthalate	30.0	26.1		ug/L		87	57 - 124
Di-n-butyl phthalate	30.0	29.4		ug/L		98	58 - 126
Di-n-octyl phthalate	30.0	30.0		ug/L		100	57 - 138
Fluoranthene	30.0	26.8		ug/L		89	56 - 128
Fluorene	30.0	26.8		ug/L		89	54 - 124
Hexachlorobenzene	30.0	25.1		ug/L		84	52 - 129
Hexachlorobutadiene	30.0	18.3		ug/L		61	20 - 120
Hexachlorocyclopentadiene	30.0	11.0		ug/L		37	10 - 134
Hexachloroethane	30.0	22.3		ug/L		74	20 - 120
Hexadecane	30.0	22.8		ug/L		76	27 - 132
Indeno[1,2,3-cd]pyrene	30.0	22.7		ug/L		76	41 - 150
Isophorone	30.0	25.2		ug/L		84	48 - 120
Naphthalene	30.0	22.1		ug/L		74	48 - 120
n-Decane	30.0	17.9		ug/L		60	22 - 120
Nitrobenzene	30.0	25.5		ug/L		85	45 - 120
N-Nitrosodimethylamine	30.0	25.4		ug/L		85	29 - 137
N-Nitrosodi-n-propylamine	30.0	26.5		ug/L		88	45 - 120
N-Nitrosodiphenylamine	29.8	25.4		ug/L		85	54 - 120
n-Octadecane	30.0	25.4		ug/L		85	30 - 137
Pentachlorophenol	60.0	45.1		ug/L		75	31 - 130
Phenanthrene	30.0	25.3		ug/L		84	61 - 120
Phenol	30.0	24.4		ug/L		81	40 - 120
Pyrene	30.0	26.7		ug/L		89	53 - 128
Pyridine	60.0	39.1		ug/L		65	16 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*101*		*26 - 150*
2-Fluorobiphenyl	*82*		*46 - 124*
2-Fluorophenol (Surr)	*72*		*13 - 113*
Nitrobenzene-d5 (Surr)	*100*		*36 - 126*
Phenol-d5 (Surr)	*90*		*17 - 127*
Terphenyl-d14 (Surr)	*95*		*44 - 149*

Lab Sample ID: LCSD 400-481520/3-A
Matrix: Water
Analysis Batch: 482487

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 481520

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1'-Biphenyl	30.0	24.8		ug/L		83	52 - 120	3	30
1,2,4,5-Tetrachlorobenzene	30.0	22.3		ug/L		74	50 - 120	1	30

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 400-481520/3-A
Matrix: Water
Analysis Batch: 482487

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 481520

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2,4-Trichlorobenzene	30.0	20.7		ug/L		69	47 - 120	2	30
1,2-Dichlorobenzene	30.0	22.7		ug/L		76	46 - 120	1	30
1,3-Dichlorobenzene	30.0	21.4		ug/L		71	44 - 120	2	30
1,3-Dinitrobenzene	30.0	10.9	* *1	ug/L		36	56 - 141	84	30
1,4-Dichlorobenzene	30.0	22.2		ug/L		74	45 - 130	1	30
1,4-Dioxane	30.0	17.4		ug/L		58	31 - 120	0	30
1-Methylnaphthalene	30.0	23.1		ug/L		77	50 - 120	2	30
2,2'-oxybis(1-chloropropane)	30.0	25.7		ug/L		86	33 - 121	2	30
2,3,4,6-Tetrachlorophenol	30.0	19.8	*1	ug/L		66	51 - 149	36	30
2,4,5-Trichlorophenol	30.0	20.9		ug/L		70	51 - 136	25	30
2,4,6-Trichlorophenol	30.0	21.9		ug/L		73	50 - 127	19	30
2,4-Dichlorophenol	30.0	21.2		ug/L		71	49 - 120	22	30
2,4-Dimethylphenol	30.0	25.2		ug/L		84	48 - 120	8	30
2,4-Dinitrophenol	60.0	4.67	J * *1	ug/L		8	10 - 150	172	30
2,4-Dinitrotoluene	30.0	24.0		ug/L		80	54 - 142	10	30
2,6-Dinitrotoluene	30.0	26.2		ug/L		87	55 - 130	1	30
2-Chloronaphthalene	30.0	24.8		ug/L		83	52 - 121	4	30
2-Chlorophenol	30.0	20.2		ug/L		67	40 - 120	24	30
2-Methylnaphthalene	30.0	23.4		ug/L		78	50 - 121	2	30
2-Methylphenol	30.0	22.1		ug/L		74	46 - 124	20	30
2-Nitroaniline	30.0	30.2		ug/L		101	51 - 145	4	30
2-Nitrophenol	30.0	2.19	J * *1	ug/L		7	40 - 124	168	30
3 & 4 Methylphenol	30.0	18.5	*1	ug/L		62	45 - 120	35	30
3,3'-Dichlorobenzidine	40.0	66.8	E *	ug/L		167	36 - 132	1	30
3-Nitroaniline	30.0	28.1		ug/L		94	37 - 127	4	30
4,6-Dinitro-2-methylphenol	60.0	5.00	* *1	ug/L		8	23 - 148	167	30
4-Bromophenyl phenyl ether	30.0	25.5		ug/L		85	54 - 122	0	30
4-Chloro-3-methylphenol	30.0	14.7	*1	ug/L		49	48 - 131	54	30
4-Chloroaniline	30.0	26.9		ug/L		90	26 - 120	16	30
4-Chlorophenyl phenyl ether	30.0	25.0		ug/L		83	56 - 125	1	30
4-Nitroaniline	30.0	29.5		ug/L		98	36 - 137	4	30
4-Nitrophenol	60.0	5.01	* *1	ug/L		8	23 - 146	171	30
Acenaphthene	30.0	23.9		ug/L		80	54 - 125	3	30
Acenaphthylene	30.0	26.3		ug/L		88	44 - 130	3	30
Acetophenone	30.0	24.1		ug/L		80	46 - 120	1	30
Aniline	30.0	24.4		ug/L		81	21 - 120	17	30
Anthracene	30.0	26.2		ug/L		87	61 - 120	6	30
Azobenzene	30.0	27.6		ug/L		92	45 - 124	2	30
Benzidine	136	126	*1	ug/L		92	10 - 121	67	30
Benzo[a]anthracene	30.0	26.0		ug/L		87	59 - 120	3	30
Benzo[a]pyrene	30.0	25.0		ug/L		83	52 - 126	7	30
Benzo[b]fluoranthene	30.0	29.5		ug/L		98	33 - 149	6	30
Benzo[g,h,i]perylene	30.0	23.7		ug/L		79	38 - 150	3	30
Benzo[k]fluoranthene	30.0	27.2		ug/L		91	51 - 130	2	30
Benzyl alcohol	30.0	28.1		ug/L		94	28 - 120	3	30
Bis(2-chloroethoxy)methane	30.0	23.7		ug/L		79	47 - 120	0	30
Bis(2-chloroethyl)ether	30.0	24.6		ug/L		82	44 - 120	1	30
Bis(2-ethylhexyl) phthalate	30.0	31.5		ug/L		105	52 - 147	4	30
Butyl benzyl phthalate	30.0	28.8		ug/L		96	54 - 133	3	30

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 400-481520/3-A
Matrix: Water
Analysis Batch: 482487

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 481520

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Carbazole			30.0	31.3		ug/L		104	54 - 142	4	30
Chrysene			30.0	24.9		ug/L		83	61 - 121	1	30
Dibenz(a,h)anthracene			30.0	23.3		ug/L		78	40 - 150	3	30
Dibenzofuran			30.0	25.1		ug/L		84	56 - 122	2	30
Diethyl phthalate			30.0	29.0		ug/L		97	50 - 137	1	30
Dimethyl phthalate			30.0	26.1		ug/L		87	57 - 124	0	30
Di-n-butyl phthalate			30.0	29.0		ug/L		97	58 - 126	1	30
Di-n-octyl phthalate			30.0	29.9		ug/L		100	57 - 138	0	30
Fluoranthene			30.0	27.1		ug/L		90	56 - 128	1	30
Fluorene			30.0	26.9		ug/L		90	54 - 124	0	30
Hexachlorobenzene			30.0	25.3		ug/L		84	52 - 129	1	30
Hexachlorobutadiene			30.0	17.5		ug/L		58	20 - 120	4	30
Hexachlorocyclopentadiene			30.0	2.32	J * *1	ug/L		8	10 - 134	131	30
Hexachloroethane			30.0	21.3		ug/L		71	20 - 120	5	30
Hexadecane			30.0	23.5		ug/L		78	27 - 132	3	30
Indeno[1,2,3-cd]pyrene			30.0	23.2		ug/L		77	41 - 150	2	30
Isophorone			30.0	25.7		ug/L		86	48 - 120	2	30
Naphthalene			30.0	22.7		ug/L		76	48 - 120	3	30
n-Decane			30.0	17.7		ug/L		59	22 - 120	1	30
Nitrobenzene			30.0	25.6		ug/L		85	45 - 120	0	30
N-Nitrosodimethylamine			30.0	27.0		ug/L		90	29 - 137	6	30
N-Nitrosodi-n-propylamine			30.0	27.8		ug/L		93	45 - 120	5	30
N-Nitrosodiphenylamine			29.8	26.9		ug/L		90	54 - 120	6	30
n-Octadecane			30.0	25.0		ug/L		83	30 - 137	2	30
Pentachlorophenol			60.0	24.0	*1	ug/L		40	31 - 130	61	30
Phenanthrene			30.0	25.6		ug/L		85	61 - 120	1	30
Phenol			30.0	7.18	* *1	ug/L		24	40 - 120	109	30
Pyrene			30.0	27.2		ug/L		91	53 - 128	2	30
Pyridine			60.0	38.0		ug/L		63	16 - 120	3	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*79*		*26 - 150*
2-Fluorobiphenyl	*81*		*46 - 124*
2-Fluorophenol (Surr)	*43*		*13 - 113*
Nitrobenzene-d5 (Surr)	*95*		*36 - 126*
Phenol-d5 (Surr)	*25*		*17 - 127*
Terphenyl-d14 (Surr)	*93*		*44 - 149*

Lab Sample ID: MB 400-482790/1-A
Matrix: Water
Analysis Batch: 483296

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 482790

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dinitrobenzene	<0.25		2.5	0.25	ug/L		03/19/20 18:54	03/24/20 11:03	1
2,4-Dinitrophenol	<0.85		7.5	0.85	ug/L		03/19/20 18:54	03/24/20 11:03	1
2-Nitrophenol	<1.3		2.5	1.3	ug/L		03/19/20 18:54	03/24/20 11:03	1
3,3'-Dichlorobenzidine	<0.65		2.5	0.65	ug/L		03/19/20 18:54	03/24/20 11:03	1
4,6-Dinitro-2-methylphenol	<0.40		2.5	0.40	ug/L		03/19/20 18:54	03/24/20 11:03	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 400-482790/1-A
Matrix: Water
Analysis Batch: 483296

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 482790

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitrophenol	<0.53		2.5	0.53	ug/L		03/19/20 18:54	03/24/20 11:03	1
Bis(2-ethylhexyl) phthalate	6.25		2.5	1.3	ug/L		03/19/20 18:54	03/24/20 11:03	1
Hexachlorocyclopentadiene	<0.65		5.0	0.65	ug/L		03/19/20 18:54	03/24/20 11:03	1
Phenol	<0.65		2.5	0.65	ug/L		03/19/20 18:54	03/24/20 11:03	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*64*		*26 - 150*	*03/19/20 18:54*	*03/24/20 11:03*	*1*
2-Fluorobiphenyl	*66*		*46 - 124*	*03/19/20 18:54*	*03/24/20 11:03*	*1*
2-Fluorophenol (Surr)	*45*		*13 - 113*	*03/19/20 18:54*	*03/24/20 11:03*	*1*
Nitrobenzene-d5 (Surr)	*65*		*36 - 126*	*03/19/20 18:54*	*03/24/20 11:03*	*1*
Phenol-d5 (Surr)	*58*		*17 - 127*	*03/19/20 18:54*	*03/24/20 11:03*	*1*
Terphenyl-d14 (Surr)	*82*		*44 - 149*	*03/19/20 18:54*	*03/24/20 11:03*	*1*

Lab Sample ID: LCS 400-482790/2-A
Matrix: Water
Analysis Batch: 483296

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 482790

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,3-Dinitrobenzene	30.0	24.9		ug/L		83	56 - 141
2,4-Dinitrophenol	60.0	58.3		ug/L		97	10 - 150
2-Nitrophenol	30.0	25.9		ug/L		86	40 - 124
3,3'-Dichlorobenzidine	60.0	44.6		ug/L		74	36 - 132
4,6-Dinitro-2-methylphenol	60.0	59.7		ug/L		99	23 - 148
4-Nitrophenol	60.0	50.2		ug/L		84	23 - 146
Bis(2-ethylhexyl) phthalate	30.0	41.4		ug/L		138	52 - 147
Hexachlorocyclopentadiene	30.0	18.4		ug/L		61	10 - 134
Phenol	30.0	20.1		ug/L		67	40 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*78*		*26 - 150*
2-Fluorobiphenyl	*73*		*46 - 124*
2-Fluorophenol (Surr)	*53*		*13 - 113*
Nitrobenzene-d5 (Surr)	*85*		*36 - 126*
Phenol-d5 (Surr)	*69*		*17 - 127*
Terphenyl-d14 (Surr)	*90*		*44 - 149*

Lab Sample ID: LCSD 400-482790/3-A
Matrix: Water
Analysis Batch: 483296

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 482790

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,3-Dinitrobenzene	30.0	22.2		ug/L		74	56 - 141	12	30
2,4-Dinitrophenol	60.0	53.3		ug/L		89	10 - 150	9	30
2-Nitrophenol	30.0	23.1		ug/L		77	40 - 124	11	30
3,3'-Dichlorobenzidine	60.0	37.3		ug/L		62	36 - 132	18	30
4,6-Dinitro-2-methylphenol	60.0	54.0		ug/L		90	23 - 148	10	30
4-Nitrophenol	60.0	43.5		ug/L		73	23 - 146	14	30
Bis(2-ethylhexyl) phthalate	30.0	22.2	*1	ug/L		74	52 - 147	60	30

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 400-482790/3-A
Matrix: Water
Analysis Batch: 483296

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 482790

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Hexachlorocyclopentadiene			30.0	16.7		ug/L		56	10 - 134	10	30
Phenol			30.0	17.1		ug/L		57	40 - 120	16	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*52*		*26 - 150*
2-Fluorobiphenyl	*50*		*46 - 124*
2-Fluorophenol (Surr)	*40*		*13 - 113*
Nitrobenzene-d5 (Surr)	*61*		*36 - 126*
Phenol-d5 (Surr)	*47*		*17 - 127*
Terphenyl-d14 (Surr)	*62*		*44 - 149*

Method: 8015C - Gasoline Range Organics (GRO) (GC)

Lab Sample ID: MB 400-481067/3
Matrix: Water
Analysis Batch: 481067

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO) -C6-C10	<47		100	47	ug/L			03/09/20 12:19	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene (fid)	*94*		*78 - 119*		*03/09/20 12:19*	*1*

Lab Sample ID: LCS 400-481067/1002
Matrix: Water
Analysis Batch: 481067

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO) -C6-C10			1000	921		ug/L		92	85 - 115

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
a,a,a-Trifluorotoluene (fid)	*93*		*78 - 119*

Lab Sample ID: 400-184913-C-1 MS
Matrix: Water
Analysis Batch: 481067

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO) -C6-C10	<47		1000	939		ug/L		94	35 - 150

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
a,a,a-Trifluorotoluene (fid)	*89*		*78 - 119*

Method: 8015C - Gasoline Range Organics (GRO) (GC) (Continued)

Lab Sample ID: 400-184913-C-1 MSD
Matrix: Water
Analysis Batch: 481067

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO) -C6-C10	<47		1000	980		ug/L		98	35 - 150	4	15

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
a,a,a-Trifluorotoluene (fid)	*92*		*78 - 119*

Lab Sample ID: MB 400-481251/4
Matrix: Water
Analysis Batch: 481251

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO) -C6-C10	<47		100	47	ug/L			03/10/20 11:45	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene (fid)	*109*		*78 - 119*		*03/10/20 11:45*	*1*

Lab Sample ID: LCS 400-481251/1003
Matrix: Water
Analysis Batch: 481251

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO) -C6-C10	1000	984		ug/L		98	85 - 115

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
a,a,a-Trifluorotoluene (fid)	*101*		*78 - 119*

Lab Sample ID: 400-184972-5 MS
Matrix: Water
Analysis Batch: 481251

Client Sample ID: TMW-5
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO) -C6-C10	<47		1000	1050		ug/L		105	35 - 150

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
a,a,a-Trifluorotoluene (fid)	*101*		*78 - 119*

Lab Sample ID: 400-184972-5 MSD
Matrix: Water
Analysis Batch: 481251

Client Sample ID: TMW-5
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO) -C6-C10	<47		1000	1050		ug/L		105	35 - 150	0	15

Method: 8015C - Gasoline Range Organics (GRO) (GC) (Continued)

Lab Sample ID: 400-184972-5 MSD
Matrix: Water
Analysis Batch: 481251

Client Sample ID: TMW-5
Prep Type: Total/NA

Surrogate	MSD %Recovery	MSD Qualifier	Limits
a,a,a-Trifluorotoluene (fid)	*101*		*78 - 119*

Method: 8015C - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 400-481241/1-A
Matrix: Water
Analysis Batch: 481463

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 481241

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	<100		130	100	ug/L		03/10/20 09:50	03/11/20 14:50	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl (Surr)	*90*		*40 - 140*	*03/10/20 09:50*	*03/11/20 14:50*	*1*

Lab Sample ID: LCS 400-481241/2-A
Matrix: Water
Analysis Batch: 481463

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 481241

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Diesel Range Organics [C10-C28]			17000	11000		ug/L		65	40 - 120		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
o-Terphenyl (Surr)	*80*		*40 - 140*

Lab Sample ID: LCSD 400-481241/3-A
Matrix: Water
Analysis Batch: 481463

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 481241

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]			17000	11700		ug/L		69	40 - 120	6	50

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
o-Terphenyl (Surr)	*85*		*40 - 140*

QC Association Summary

Client: SCS Engineers
Project/Site: Tidewater Gardens

Job ID: 400-184972-1

GC/MS VOA

Analysis Batch: 481905

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-184972-10	TMW-10	Total/NA	Water	8260B	
400-184972-11	TMW-11	Total/NA	Water	8260B	
400-184972-12	TMW-DUP	Total/NA	Water	8260B	
MB 400-481905/4	Method Blank	Total/NA	Water	8260B	
LCS 400-481905/1002	Lab Control Sample	Total/NA	Water	8260B	
400-184972-10 MS	TMW-10	Total/NA	Water	8260B	
400-184972-10 MSD	TMW-10	Total/NA	Water	8260B	

Analysis Batch: 481909

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-184972-1	TMW-1	Total/NA	Water	8260B	
400-184972-2	TMW-2	Total/NA	Water	8260B	
400-184972-3	TMW-3	Total/NA	Water	8260B	
400-184972-4	TMW-4	Total/NA	Water	8260B	
400-184972-5	TMW-5	Total/NA	Water	8260B	
400-184972-6	TMW-6	Total/NA	Water	8260B	
400-184972-7	TMW-7	Total/NA	Water	8260B	
400-184972-8	TMW-8	Total/NA	Water	8260B	
400-184972-9	TMW-9	Total/NA	Water	8260B	
MB 400-481909/24	Method Blank	Total/NA	Water	8260B	
LCS 400-481909/1009	Lab Control Sample	Total/NA	Water	8260B	
400-184972-1 MS	TMW-1	Total/NA	Water	8260B	
400-184972-1 MSD	TMW-1	Total/NA	Water	8260B	

GC/MS Semi VOA

Prep Batch: 481368

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-184972-1	TMW-1	Total/NA	Water	3520C	
400-184972-2	TMW-2	Total/NA	Water	3520C	
400-184972-3	TMW-3	Total/NA	Water	3520C	
400-184972-4	TMW-4	Total/NA	Water	3520C	
400-184972-5	TMW-5	Total/NA	Water	3520C	
400-184972-6	TMW-6	Total/NA	Water	3520C	
400-184972-7	TMW-7	Total/NA	Water	3520C	
MB 400-481368/1-A	Method Blank	Total/NA	Water	3520C	
LCS 400-481368/2-A	Lab Control Sample	Total/NA	Water	3520C	
LCSD 400-481368/3-A	Lab Control Sample Dup	Total/NA	Water	3520C	

Prep Batch: 481516

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-184972-10	TMW-10	Total/NA	Water	3520C	
400-184972-11	TMW-11	Total/NA	Water	3520C	
400-184972-12	TMW-DUP	Total/NA	Water	3520C	
MB 400-481516/1-A	Method Blank	Total/NA	Water	3520C	
LCS 400-481516/2-A	Lab Control Sample	Total/NA	Water	3520C	
LCSD 400-481516/3-A	Lab Control Sample Dup	Total/NA	Water	3520C	

Prep Batch: 481520

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-184972-8	TMW-8	Total/NA	Water	3520C	

GC/MS Semi VOA (Continued)

Prep Batch: 481520 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-184972-9	TMW-9	Total/NA	Water	3520C	
MB 400-481520/1-A	Method Blank	Total/NA	Water	3520C	
LCS 400-481520/2-A	Lab Control Sample	Total/NA	Water	3520C	
LCSD 400-481520/3-A	Lab Control Sample Dup	Total/NA	Water	3520C	

Analysis Batch: 481773

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-184972-1	TMW-1	Total/NA	Water	8270D	481368
400-184972-2	TMW-2	Total/NA	Water	8270D	481368
400-184972-3	TMW-3	Total/NA	Water	8270D	481368
400-184972-4	TMW-4	Total/NA	Water	8270D	481368
400-184972-5	TMW-5	Total/NA	Water	8270D	481368
400-184972-6	TMW-6	Total/NA	Water	8270D	481368
400-184972-7	TMW-7	Total/NA	Water	8270D	481368

Analysis Batch: 481827

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 400-481368/1-A	Method Blank	Total/NA	Water	8270D	481368
LCS 400-481368/2-A	Lab Control Sample	Total/NA	Water	8270D	481368
LCSD 400-481368/3-A	Lab Control Sample Dup	Total/NA	Water	8270D	481368

Analysis Batch: 482114

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-184972-8	TMW-8	Total/NA	Water	8270D	481520
400-184972-9	TMW-9	Total/NA	Water	8270D	481520

Analysis Batch: 482124

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-184972-1	TMW-1	Total/NA	Water	8270D	481368
400-184972-4	TMW-4	Total/NA	Water	8270D	481368
400-184972-7	TMW-7	Total/NA	Water	8270D	481368
MB 400-481516/1-A	Method Blank	Total/NA	Water	8270D	481516

Analysis Batch: 482179

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-184972-10	TMW-10	Total/NA	Water	8270D	481516
400-184972-11	TMW-11	Total/NA	Water	8270D	481516
400-184972-12	TMW-DUP	Total/NA	Water	8270D	481516

Analysis Batch: 482306

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 400-481516/2-A	Lab Control Sample	Total/NA	Water	8270D	481516
LCSD 400-481516/3-A	Lab Control Sample Dup	Total/NA	Water	8270D	481516

Analysis Batch: 482314

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-184972-1	TMW-1	Total/NA	Water	8270D	481368
400-184972-4	TMW-4	Total/NA	Water	8270D	481368
400-184972-7	TMW-7	Total/NA	Water	8270D	481368

GC/MS Semi VOA

Analysis Batch: 482487

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 400-481520/1-A	Method Blank	Total/NA	Water	8270D	481520
LCS 400-481520/2-A	Lab Control Sample	Total/NA	Water	8270D	481520
LCSD 400-481520/3-A	Lab Control Sample Dup	Total/NA	Water	8270D	481520

Prep Batch: 482790

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-184972-8 - RERA	TMW-8	Total/NA	Water	3520C	
400-184972-9 - RERA	TMW-9	Total/NA	Water	3520C	
400-184972-10 - RERA	TMW-10	Total/NA	Water	3520C	
MB 400-482790/1-A	Method Blank	Total/NA	Water	3520C	
LCS 400-482790/2-A	Lab Control Sample	Total/NA	Water	3520C	
LCSD 400-482790/3-A	Lab Control Sample Dup	Total/NA	Water	3520C	

Analysis Batch: 483296

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-184972-10 - RERA	TMW-10	Total/NA	Water	8270D	482790
MB 400-482790/1-A	Method Blank	Total/NA	Water	8270D	482790
LCS 400-482790/2-A	Lab Control Sample	Total/NA	Water	8270D	482790
LCSD 400-482790/3-A	Lab Control Sample Dup	Total/NA	Water	8270D	482790

Analysis Batch: 483352

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-184972-8 - RERA	TMW-8	Total/NA	Water	8270D	482790
400-184972-9 - RERA	TMW-9	Total/NA	Water	8270D	482790

GC VOA

Analysis Batch: 481067

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-184972-1	TMW-1	Total/NA	Water	8015C	
400-184972-2	TMW-2	Total/NA	Water	8015C	
400-184972-3	TMW-3	Total/NA	Water	8015C	
400-184972-4	TMW-4	Total/NA	Water	8015C	
MB 400-481067/3	Method Blank	Total/NA	Water	8015C	
LCS 400-481067/1002	Lab Control Sample	Total/NA	Water	8015C	
400-184913-C-1 MS	Matrix Spike	Total/NA	Water	8015C	
400-184913-C-1 MSD	Matrix Spike Duplicate	Total/NA	Water	8015C	

Analysis Batch: 481251

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-184972-5	TMW-5	Total/NA	Water	8015C	
400-184972-6	TMW-6	Total/NA	Water	8015C	
400-184972-7	TMW-7	Total/NA	Water	8015C	
400-184972-8	TMW-8	Total/NA	Water	8015C	
400-184972-9	TMW-9	Total/NA	Water	8015C	
400-184972-10	TMW-10	Total/NA	Water	8015C	
400-184972-11	TMW-11	Total/NA	Water	8015C	
400-184972-12	TMW-DUP	Total/NA	Water	8015C	
MB 400-481251/4	Method Blank	Total/NA	Water	8015C	
LCS 400-481251/1003	Lab Control Sample	Total/NA	Water	8015C	
400-184972-5 MS	TMW-5	Total/NA	Water	8015C	

GC VOA (Continued)

Analysis Batch: 481251 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-184972-5 MSD	TMW-5	Total/NA	Water	8015C	

GC Semi VOA

Prep Batch: 481241

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-184972-1	TMW-1	Total/NA	Water	3510C	
400-184972-2	TMW-2	Total/NA	Water	3510C	
400-184972-3	TMW-3	Total/NA	Water	3510C	
400-184972-4	TMW-4	Total/NA	Water	3510C	
400-184972-5	TMW-5	Total/NA	Water	3510C	
400-184972-6	TMW-6	Total/NA	Water	3510C	
400-184972-7	TMW-7	Total/NA	Water	3510C	
400-184972-8	TMW-8	Total/NA	Water	3510C	
400-184972-9	TMW-9	Total/NA	Water	3510C	
400-184972-10	TMW-10	Total/NA	Water	3510C	
400-184972-11	TMW-11	Total/NA	Water	3510C	
400-184972-12	TMW-DUP	Total/NA	Water	3510C	
MB 400-481241/1-A	Method Blank	Total/NA	Water	3510C	
LCS 400-481241/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 400-481241/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 481463

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-184972-1	TMW-1	Total/NA	Water	8015C	481241
400-184972-2	TMW-2	Total/NA	Water	8015C	481241
400-184972-3	TMW-3	Total/NA	Water	8015C	481241
400-184972-4	TMW-4	Total/NA	Water	8015C	481241
400-184972-5	TMW-5	Total/NA	Water	8015C	481241
400-184972-6	TMW-6	Total/NA	Water	8015C	481241
400-184972-7	TMW-7	Total/NA	Water	8015C	481241
400-184972-8	TMW-8	Total/NA	Water	8015C	481241
400-184972-9	TMW-9	Total/NA	Water	8015C	481241
400-184972-10	TMW-10	Total/NA	Water	8015C	481241
400-184972-11	TMW-11	Total/NA	Water	8015C	481241
400-184972-12	TMW-DUP	Total/NA	Water	8015C	481241
MB 400-481241/1-A	Method Blank	Total/NA	Water	8015C	481241
LCS 400-481241/2-A	Lab Control Sample	Total/NA	Water	8015C	481241
LCSD 400-481241/3-A	Lab Control Sample Dup	Total/NA	Water	8015C	481241

Lab Chronicle

Client: SCS Engineers
Project/Site: Tidewater Gardens

Job ID: 400-184972-1

Client Sample ID: TMW-1
Date Collected: 03/04/20 13:20
Date Received: 03/06/20 08:50

Lab Sample ID: 400-184972-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	481909	03/14/20 08:48	RS	TAL PEN
Total/NA	Prep	3520C			481368	03/10/20 17:03	JRW	TAL PEN
Total/NA	Analysis	8270D		1	481773	03/13/20 15:36	VC1	TAL PEN
Total/NA	Prep	3520C			481368	03/10/20 17:03	JRW	TAL PEN
Total/NA	Analysis	8270D		1	482314	03/17/20 16:04	VC1	TAL PEN
Total/NA	Prep	3520C			481368	03/10/20 17:03	JRW	TAL PEN
Total/NA	Analysis	8270D		1	482124	03/16/20 16:55	VC1	TAL PEN
Total/NA	Analysis	8015C		1	481067	03/10/20 03:42	GRK	TAL PEN
Total/NA	Prep	3510C			481241	03/10/20 09:50	CAO	TAL PEN
Total/NA	Analysis	8015C		1	481463	03/11/20 16:09	TAJ	TAL PEN

Client Sample ID: TMW-2
Date Collected: 03/04/20 14:10
Date Received: 03/06/20 08:50

Lab Sample ID: 400-184972-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	481909	03/14/20 10:31	RS	TAL PEN
Total/NA	Prep	3520C			481368	03/10/20 17:03	JRW	TAL PEN
Total/NA	Analysis	8270D		1	481773	03/13/20 15:57	VC1	TAL PEN
Total/NA	Analysis	8015C		1	481067	03/10/20 04:13	GRK	TAL PEN
Total/NA	Prep	3510C			481241	03/10/20 09:50	CAO	TAL PEN
Total/NA	Analysis	8015C		1	481463	03/11/20 16:19	TAJ	TAL PEN

Client Sample ID: TMW-3
Date Collected: 03/05/20 13:00
Date Received: 03/06/20 08:50

Lab Sample ID: 400-184972-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	481909	03/14/20 10:56	RS	TAL PEN
Total/NA	Prep	3520C			481368	03/10/20 17:03	JRW	TAL PEN
Total/NA	Analysis	8270D		1	481773	03/13/20 16:19	VC1	TAL PEN
Total/NA	Analysis	8015C		1	481067	03/10/20 04:44	GRK	TAL PEN
Total/NA	Prep	3510C			481241	03/10/20 09:50	CAO	TAL PEN
Total/NA	Analysis	8015C		1	481463	03/11/20 16:29	TAJ	TAL PEN

Client Sample ID: TMW-4
Date Collected: 03/04/20 12:45
Date Received: 03/06/20 08:50

Lab Sample ID: 400-184972-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	481909	03/14/20 11:22	RS	TAL PEN
Total/NA	Prep	3520C			481368	03/10/20 17:03	JRW	TAL PEN
Total/NA	Analysis	8270D		1	481773	03/13/20 16:40	VC1	TAL PEN
Total/NA	Prep	3520C			481368	03/10/20 17:03	JRW	TAL PEN
Total/NA	Analysis	8270D		1	482314	03/17/20 16:25	VC1	TAL PEN

Lab Chronicle

Client: SCS Engineers
Project/Site: Tidewater Gardens

Job ID: 400-184972-1

Client Sample ID: TMW-4
Date Collected: 03/04/20 12:45
Date Received: 03/06/20 08:50

Lab Sample ID: 400-184972-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3520C			481368	03/10/20 17:03	JRW	TAL PEN
Total/NA	Analysis	8270D		1	482124	03/16/20 17:16	VC1	TAL PEN
Total/NA	Analysis	8015C		1	481067	03/10/20 05:15	GRK	TAL PEN
Total/NA	Prep	3510C			481241	03/10/20 09:50	CAO	TAL PEN
Total/NA	Analysis	8015C		1	481463	03/11/20 16:49	TAJ	TAL PEN

Client Sample ID: TMW-5
Date Collected: 03/04/20 14:40
Date Received: 03/06/20 08:50

Lab Sample ID: 400-184972-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	481909	03/14/20 11:48	RS	TAL PEN
Total/NA	Prep	3520C			481368	03/10/20 17:03	JRW	TAL PEN
Total/NA	Analysis	8270D		1	481773	03/13/20 17:01	VC1	TAL PEN
Total/NA	Analysis	8015C		1	481251	03/10/20 17:03	CMW	TAL PEN
Total/NA	Prep	3510C			481241	03/10/20 09:50	CAO	TAL PEN
Total/NA	Analysis	8015C		1	481463	03/11/20 16:59	TAJ	TAL PEN

Client Sample ID: TMW-6
Date Collected: 03/04/20 15:20
Date Received: 03/06/20 08:50

Lab Sample ID: 400-184972-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	481909	03/14/20 12:13	RS	TAL PEN
Total/NA	Prep	3520C			481368	03/10/20 17:03	JRW	TAL PEN
Total/NA	Analysis	8270D		1	481773	03/13/20 17:23	VC1	TAL PEN
Total/NA	Analysis	8015C		1	481251	03/10/20 18:52	CMW	TAL PEN
Total/NA	Prep	3510C			481241	03/10/20 09:50	CAO	TAL PEN
Total/NA	Analysis	8015C		1	481463	03/11/20 17:09	TAJ	TAL PEN

Client Sample ID: TMW-7
Date Collected: 03/04/20 16:10
Date Received: 03/06/20 08:50

Lab Sample ID: 400-184972-7
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	481909	03/14/20 12:39	RS	TAL PEN
Total/NA	Prep	3520C			481368	03/10/20 17:03	JRW	TAL PEN
Total/NA	Analysis	8270D		1	481773	03/13/20 17:44	VC1	TAL PEN
Total/NA	Prep	3520C			481368	03/10/20 17:03	JRW	TAL PEN
Total/NA	Analysis	8270D		1	482314	03/17/20 16:47	VC1	TAL PEN
Total/NA	Prep	3520C			481368	03/10/20 17:03	JRW	TAL PEN
Total/NA	Analysis	8270D		1	482124	03/16/20 17:36	VC1	TAL PEN
Total/NA	Analysis	8015C		1	481251	03/10/20 19:21	CMW	TAL PEN
Total/NA	Prep	3510C			481241	03/10/20 09:50	CAO	TAL PEN
Total/NA	Analysis	8015C		1	481463	03/11/20 17:19	TAJ	TAL PEN

Lab Chronicle

Client: SCS Engineers
Project/Site: Tidewater Gardens

Job ID: 400-184972-1

Client Sample ID: TMW-8
Date Collected: 03/05/20 12:10
Date Received: 03/06/20 08:50

Lab Sample ID: 400-184972-8
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	481909	03/14/20 13:05	RS	TAL PEN
Total/NA	Prep	3520C	RERA		482790	03/19/20 18:55	JRW	TAL PEN
Total/NA	Analysis	8270D	RERA	1	483352	03/24/20 23:42	VC1	TAL PEN
Total/NA	Prep	3520C			481520	03/11/20 15:56	NTH	TAL PEN
Total/NA	Analysis	8270D		1	482114	03/16/20 19:29	VC1	TAL PEN
Total/NA	Analysis	8015C		1	481251	03/10/20 19:49	CMW	TAL PEN
Total/NA	Prep	3510C			481241	03/10/20 09:50	CAO	TAL PEN
Total/NA	Analysis	8015C		1	481463	03/11/20 17:29	TAJ	TAL PEN

Client Sample ID: TMW-9
Date Collected: 03/05/20 11:20
Date Received: 03/06/20 08:50

Lab Sample ID: 400-184972-9
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	481909	03/14/20 13:30	RS	TAL PEN
Total/NA	Prep	3520C	RERA		482790	03/19/20 18:55	JRW	TAL PEN
Total/NA	Analysis	8270D	RERA	1	483352	03/25/20 00:03	VC1	TAL PEN
Total/NA	Prep	3520C			481520	03/11/20 15:56	NTH	TAL PEN
Total/NA	Analysis	8270D		1	482114	03/16/20 19:55	VC1	TAL PEN
Total/NA	Analysis	8015C		1	481251	03/10/20 20:17	CMW	TAL PEN
Total/NA	Prep	3510C			481241	03/10/20 09:50	CAO	TAL PEN
Total/NA	Analysis	8015C		1	481463	03/11/20 17:39	TAJ	TAL PEN

Client Sample ID: TMW-10
Date Collected: 03/05/20 09:40
Date Received: 03/06/20 08:50

Lab Sample ID: 400-184972-10
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	481905	03/14/20 08:28	RS	TAL PEN
Total/NA	Prep	3520C	RERA		482790	03/19/20 18:55	JRW	TAL PEN
Total/NA	Analysis	8270D	RERA	1	483296	03/24/20 13:11	VC1	TAL PEN
Total/NA	Prep	3520C			481516	03/12/20 14:47	NTH	TAL PEN
Total/NA	Analysis	8270D		1	482179	03/16/20 18:41	VC1	TAL PEN
Total/NA	Analysis	8015C		1	481251	03/10/20 20:46	CMW	TAL PEN
Total/NA	Prep	3510C			481241	03/10/20 09:50	CAO	TAL PEN
Total/NA	Analysis	8015C		1	481463	03/11/20 17:49	TAJ	TAL PEN

Client Sample ID: TMW-11
Date Collected: 03/05/20 10:30
Date Received: 03/06/20 08:50

Lab Sample ID: 400-184972-11
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	481905	03/14/20 08:55	RS	TAL PEN
Total/NA	Prep	3520C			481516	03/12/20 14:47	NTH	TAL PEN
Total/NA	Analysis	8270D		1	482179	03/16/20 19:07	VC1	TAL PEN

Lab Chronicle

Client: SCS Engineers
Project/Site: Tidewater Gardens

Job ID: 400-184972-1

Client Sample ID: TMW-11

Date Collected: 03/05/20 10:30
Date Received: 03/06/20 08:50

Lab Sample ID: 400-184972-11

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015C		1	481251	03/10/20 21:14	CMW	TAL PEN
Total/NA	Prep	3510C			481241	03/10/20 09:50	CAO	TAL PEN
Total/NA	Analysis	8015C		1	481463	03/11/20 17:59	TAJ	TAL PEN

Client Sample ID: TMW-DUP

Date Collected: 03/05/20 10:40
Date Received: 03/06/20 08:50

Lab Sample ID: 400-184972-12

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	481905	03/14/20 09:19	RS	TAL PEN
Total/NA	Prep	3520C			481516	03/12/20 14:47	NTH	TAL PEN
Total/NA	Analysis	8270D		1	482179	03/16/20 19:33	VC1	TAL PEN
Total/NA	Analysis	8015C		1	481251	03/10/20 22:39	CMW	TAL PEN
Total/NA	Prep	3510C			481241	03/10/20 09:50	CAO	TAL PEN
Total/NA	Analysis	8015C		1	481463	03/11/20 15:10	TAJ	TAL PEN

Laboratory References:

TAL PEN = Eurofins TestAmerica, Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

Accreditation/Certification Summary

Client: SCS Engineers
Project/Site: Tidewater Gardens

Job ID: 400-184972-1

Laboratory: Eurofins TestAmerica, Pensacola

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Virginia	NELAP	460166	06-14-20

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8260B		Water	Dibromofluoromethane
8270D	3520C	Water	Azobenzene
8270D	3520C	Water	Hexadecane
8270D	3520C	Water	n-Decane
8270D	3520C	Water	n-Octadecane
8270D	3520C	Water	Sulfolane

Method Summary

Client: SCS Engineers
Project/Site: Tidewater Gardens

Job ID: 400-184972-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL PEN
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	TAL PEN
8015C	Gasoline Range Organics (GRO) (GC)	SW846	TAL PEN
8015C	Diesel Range Organics (DRO) (GC)	EPA	TAL PEN
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	TAL PEN
3520C	Liquid-Liquid Extraction (Continuous)	SW846	TAL PEN
5030B	Purge and Trap	SW846	TAL PEN
5030C	Purge and Trap	SW846	TAL PEN

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL PEN = Eurofins TestAmerica, Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

Eurofins TestAmerica, Pensacola
3355 McLemore Drive
Pensacola, FL 32514
Phone: 850-474-1001 Fax: 850-478-2671

Chain of Custody Record

eurofins | Environment Testing TestAmerica

Client Information	Sampler: Austin Droiger	Lab PM: Swafford, Mark H	Carrier Tracking No(s):	COC No: 400-92546-33731.1
Client Contact: Alexis Holcomb	Phone: 804-339-7528 571-353-2000	E-Mail: mark.swafford@testamericainc.com		Page: Page 1 of 2
Company: SCS Engineers				Job #:
Address: 2877 Guardian Lane Suite 1-F	Due Date Requested:			
City: Virginia Beach	TAT Requested (days):			
State, Zip: VA, 23452				
Phone: 757-201-9264(Tel)	PO #: PO 02-RE03788-6			
Email: AHolcomb@scsengineers.com	WO #:			
Project Name: Tidewater Gardens-Water	Project #: 40005152			
Site: Tidewater Gardens	SSOW#:			

400-184972 COC

Analysis Requested

Preservation Code:
A - HCL
B - NaOH
C - Zn Acetate
D - Nitric Acid
E - NaHSO4
F - MeOH
G - Amchlor
H - Ascorbic Acid
I - Ice
J - DI Water
K - EDTA
L - EDA
N - None
O - AsNaO2
P - Na2O4S
Q - Na2SO3
R - Na2S2O3
S - H2SO4
T - TSP Dodecahydrate
U - Acetone
V - MCAA
W - pH 4-5
Z - other (specify)
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8270D - _Standard 8270 Analyte List	8015C_DRO - DRO C10-C28	8015C_GRO - GRO (C6 - C10)	8260B - VOC	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	A	A	A		
TMW-1	3/4/20	1320	grab	Water			X	X	X	X		
TMW-2	3/4/20	1410		Water								
TMW-3	3/5/20	1300		Water								HOLD - contact Keith Matteson & Austin Droiger
TMW-4	3/4/20	1245		Water								
TMW-5	3/4/20	1440		Water								
TMW-6	3/4/20	1520		Water								
TMW-7	3/4/20	1610		Water								
TMW-8	3/5/20	1210		Water								
TMW-9	3/5/20	1120		Water								
TMW-10	3/5/20	~~0940~~		Water								
TMW-11	3/5/20	1030		Water								

Virginia Beach #202

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	3/5/20 1345	SCS		3/5/20 1422	CTA
Relinquished by:	Date/Time: 3/5/20 1600	Company CTA	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 3-6-20 0850	Company TA-PEN

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks: 2.5°C IR-7

Ver: 01/16/2019

Eurofins TestAmerica, Pensacola
3355 McLemore Drive
Pensacola, FL 32514
Phone: 850-474-1001 Fax: 850-478-2671

Chain of Custody Record

eurofins | Environment Testing TestAmerica

Client Information	Sampler: Austin Drueger	Lab PM: Swafford, Mark H	Carrier Tracking No(s):	COC No: 400-92546-33731.2
Client Contact: Alexis Holcomb	Phone: 571-353-2000	E-Mail: mark.swafford@testamericainc.com		Page: Page 2 of 2
Company: SCS Engineers				Job #:
Address: 2877 Guardian Lane Suite 1-F	Due Date Requested:			
City: Virginia Beach	TAT Requested (days):			
State, Zip: VA, 23452				
Phone: 757-201-9264(Tel)	PO #: PO 02-RE03788-6			
Email: AHolcomb@scsengineers.com	WO #:			
Project Name: Tidewater Gardens-Water	Project #: 40005152			
Site: Tidewater Gardens	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8270D - _Standard 8270 Analyte List	8015C_DRO - DRO C10-C28	8015C_GRO - GRO (C6 - C10)	8260B - VOC	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	A	A	A		
TMW-DUP	3/5/20	1040		Water			X	X	X	X		

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Date/Time	Company	Received by:	Date/Time	Company
Relinquished by:	3/5/20 1345	SCS		3/5/20 1432	GTA
Relinquished by:	3/5/20 1600	GTA	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 3-6-20 0850	Company TAREN

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 2.5°C IR-7

Ver: 01/16/2019

Virginia Beach #202

Login Sample Receipt Checklist

Client: SCS Engineers

Job Number: 400-184972-1

Login Number: 184972
List Number: 1
Creator: Conrady, Hank W

List Source: Eurofins TestAmerica, Pensacola

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	0.1°C 1.3°C 2.5°C IR-7
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

APPENDIX D – GROUNDWATER SAMPLING LOGS

Well Sampling / MicroPurge Log

SCS ENGINEERS
2877 Guardian Lane, Suite 1-F
Virginia Beach Virginia 23452
(757)-466-3361

Project Name:	Tidewater Gardens	**Job Number:**	02218113.11
Well Number:	TMW-1 (B-1)	**Date:**	3/4/2020
Well Diameter (in):	1	**Pump Used:**	Peristaltic
Depth to Pump (ft):	7	**1 Well Volume (gal):**	0.22
Total Well Depth (ft):	8	**Purging Time Initiated:**	13:00
Depth to Water (ft):	2.49	**Purging Time Completed:**	13:20
Water Column Thickness (ft):	5.51	**Total Gallons Purged:**	1.00

WELL PURGING RECORD

Time	Volume Purged (gallons)	10% Temperature (^{o}C)	10% D.O. (mg/L)	±10 ORP (mV)	10% pH (s.u.)	3% Specific Conductance (mS/cm)	10% or <=5 Turbidity (NTU)	Comments (water color, odor, sediment, cloudy, etc.)
13:00	0.00	14.2	3.67	11	7.01	3.83	464.8	brown, cloudy
13:05	0.25	13.4	0.34	-52.1	7.08	3.37	463	slightly brown, cloudy
13:10	0.50	13.6	0.39	-71.2	7.09	3.39	415.7	cloudy
13:15	0.75	13.6	0.45	-79.5	7.08	3.40	311.9	cloudy
13:20	1.00	13.6	0.47	-81.8	7.08	3.39	305.2	cloudy

GROUNDWATER SAMPLING RECORD

Sample Number	Collection Time	Parameter	Container	Preservative
TMW-1	13:20	8260B - Volatiles	3 - 40mL VOA	HCl
		8270D - SVOCs	2 - 250mL amber	None
		8015C - TPH DRO	2 - 250mL amber	HCl
		8015C - TPH GRO	3 - 40mL VOA	HCl

Samples Shipped By: courier
Laboratory: TestAmerica
Sampler(s): Austin Drouger
Checked By:

Well Sampling / MicroPurge Log

SCS ENGINEERS
2877 Guardian Lane, Suite 1-F
Virginia Beach Virginia 23452
(757)-466-3361

Project Name:	Tidewater Gardens	**Job Number:**	02218113.11
Well Number:	TMW-2 (B-2)	**Date:**	3/4/2020
Well Diameter (in):	1	**Pump Used:**	Peristaltic
Depth to Pump (ft):	7	**1 Well Volume (gal):**	0.18
Total Well Depth (ft):	8	**Purging Time Initiated:**	13:45
Depth to Water (ft):	3.6	**Purging Time Completed:**	14:10
Water Column Thickness (ft):	4.4	**Total Gallons Purged:**	1.25

WELL PURGING RECORD

Time	Volume Purged (gallons)	10% Temperature (^{o}C)	10% D.O. (mg/L)	±10 ORP (mV)	10% pH (s.u.)	3% Specific Conductance (mS/cm)	10% or <=5 Turbidity (NTU)	Comments (water color, odor, sediment, cloudy, etc.)
13:45	0.00	15.8	1.24	-21.2	7.48	0.69	207.4	cloudy
13:50	0.25	15.7	0.27	-52.7	7.26	0.66	419.6	cloudy
13:55	0.50	15.8	0.26	-56.7	7.25	0.66	204.4	cloudy
14:00	0.75	15.9	0.19	-69.7	7.22	0.66	97.15	cloudy
14:05	1.00	15.8	0.19	-70.2	7.23	0.66	92.3	cloudy
14:10	1.25	-	-	-	-	-	-	-

GROUNDWATER SAMPLING RECORD

Sample Number	Collection Time	Parameter	Container	Preservative
TMW-2	14:10	8260B - Volatiles	3 - 40mL VOA	HCl
		8270D - SVOCs	2 - 250mL amber	None
		8015C - TPH DRO	2 - 250mL amber	HCl
		8015C - TPH GRO	3 - 40mL VOA	HCl

Samples Shipped By: courier
Laboratory: TestAmerica
Sampler(s): Austin Drooger
Checked By:

Well Sampling / MicroPurge Log

SCS ENGINEERS
2877 Guardian Lane, Suite 1-F
Virginia Beach Virginia 23452
(757)-466-3361

Project Name:	Tidewater Gardens	**Job Number:**	02218113.11
Well Number:	TMW-3 (B-3)	**Date:**	3/5/2020
Well Diameter (in):	1	**Pump Used:**	Peristaltic
Depth to Pump (ft):	11	**1 Well Volume (gal):**	0.37
Total Well Depth (ft):	12	**Purging Time Initiated:**	12:30
Depth to Water (ft):	2.7	**Purging Time Completed:**	12:55
Water Column Thickness (ft):	9.3	**Total Gallons Purged:**	1.25

WELL PURGING RECORD

Time	Volume Purged (gallons)	10% Temperature (^{o}C)	10% D.O. (mg/L)	±10 ORP (mV)	10% pH (s.u.)	3% Specific Conductance (mS/cm)	10% or <=5 Turbidity (NTU)	Comments (water color, odor, sediment, cloudy, etc.)
12:30	0.00	14.2	0.61	-10.3	7.39	0.81	277.3	cloudy-gray-petroleum sheen
12:35	0.25	14.1	0.38	-15.4	7.41	0.76	202.8	cloudy-gray-petroleum sheen
12:40	0.50	14	0.3	-20.8	7.43	0.72	459.2	cloudy-gray-petroleum sheen
12:45	0.75	13.9	0.26	-28.3	7.43	0.69	534	cloudy-gray-petroleum sheen
12:50	1.00	14.1	0.19	-53.5	7.42	0.60	443.9	cloudy-gray-petroleum sheen
12:55	1.25	14	0.18	-59.9	7.42	0.58	407.2	slightly cloudy

GROUNDWATER SAMPLING RECORD

Sample Number	Collection Time	Parameter	Container	Preservative
TMW-3	13:00	8260B - Volatiles	3 - 40mL VOA	HCl
		8270D - SVOCs	2 - 250mL amber	None
		8015C - TPH DRO	2 - 250mL amber	HCl
		8015C - TPH GRO	3 - 40mL VOA	HCl

Samples Shipped By: courier
Laboratory: TestAmerica
Sampler(s): Austin Drooger
Checked By:

Well Sampling / MicroPurge Log

SCS ENGINEERS
2877 Guardian Lane, Suite 1-F
Virginia Beach Virginia 23452
(757)-466-3361

Project Name:	Tidewater Gardens	**Job Number:**	02218113.11
Well Number:	TMW-4 (B-4)	**Date:**	3/4/2020
Well Diameter (in):	1	**Pump Used:**	Peristaltic
Depth to Pump (ft):	12	**1 Well Volume (gal):**	0.33
Total Well Depth (ft):	13	**Purging Time Initiated:**	12:10
Depth to Water (ft):	4.7	**Purging Time Completed:**	12:45
Water Column Thickness (ft):	8.3	**Total Gallons Purged:**	1.00

WELL PURGING RECORD

Time	Volume Purged (gallons)	10% Temperature (^{o}C)	10% D.O. (mg/L)	±10 ORP (mV)	10% pH (s.u.)	3% Specific Conductance (mS/cm)	10% or <=5 Turbidity (NTU)	Comments (water color, odor, sediment, cloudy, etc.)
12:10	0.00	16.5	2.8	-89.1	6.3	7.42	81.35	very dark
12:15	0.25	15.5	0.63	-34.5	6.48	6.57	108.7	slightly brown - sediment
12:20	0.50	15	0.36	-46.9	6.73	6.19	32.07	clear
12:30	0.75	14.8	0.29	-79.7	6.8	6.17	16.45	clear
12:45	1.00	14.9	0.27	-88.5	6.82	6.17	8.89	clear

GROUNDWATER SAMPLING RECORD

Sample Number	Collection Time	Parameter	Container	Preservative
TMW-4	12:45	8260B - Volatiles	3 - 40mL VOA	HCl
		8270D - SVOCs	2 - 250mL amber	None
		8015C - TPH DRO	2 - 250mL amber	HCl
		8015C - TPH GRO	3 - 40mL VOA	HCl

Samples Shipped By: courier
Laboratory: TestAmerica
Sampler(s): Austin Drooger
Checked By:

Well Sampling / MicroPurge Log

SCS ENGINEERS
2877 Guardian Lane, Suite 1-F
Virginia Beach Virginia 23452
(757)-466-3361

Project Name:	Tidewater Gardens	**Job Number:**	02218113.11
Well Number:	TMW-5 (B-5)	**Date:**	3/4/2020
Well Diameter (in):	1	**Pump Used:**	Peristaltic
Depth to Pump (ft):	8	**1 Well Volume (gal):**	0.36
Total Well Depth (ft):	12	**Purging Time Initiated:**	14:15
Depth to Water (ft):	3.05	**Purging Time Completed:**	14:40
Water Column Thickness (ft):	8.95	**Total Gallons Purged:**	1.25

WELL PURGING RECORD

Time	Volume Purged (gallons)	10% Temperature (^{o}C)	10% D.O. (mg/L)	±10 ORP (mV)	10% pH (s.u.)	3% Specific Conductance (mS/cm)	10% or <=5 Turbidity (NTU)	Comments (water color, odor, sediment, cloudy, etc.)
14:15	0.00	17.3	1.17	25.1	6.54	1.05	412.4	cloudy
14:20	0.25	16.5	0.24	-0.7	6.52	1.07	299.7	cloudy
14:25	0.50	16.4	0.23	-4.3	6.5	1.08	214.5	clear
14:30	0.75	16.3	0.19	-16.1	6.54	1.09	130.6	clear
14:35	1.00	16	0.18	-21.3	6.55	1.10	94.82	clear
14:40	1.25	16	0.17	-22.9	6.55	1.10	85.68	clear

GROUNDWATER SAMPLING RECORD

Sample Number	Collection Time	Parameter	Container	Preservative
TMW-5	14:40	8260B - Volatiles	3 - 40mL VOA	HCl
		8270D - SVOCs	2 - 250mL amber	None
		8015C - TPH DRO	2 - 250mL amber	HCl
		8015C - TPH GRO	3 - 40mL VOA	HCl

Samples Shipped By: courier
Laboratory: TestAmerica
Sampler(s): Austin Drooger
Checked By:

Well Sampling / MicroPurge Log

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Project Name:	Tidewater Gardens	**Job Number:**	02218113.11
Well Number:	TMW-6 (B-6)	**Date:**	3/4/2020
Well Diameter (in):	1	**Pump Used:**	Peristaltic
Depth to Pump (ft):	8.5	**1 Well Volume (gal):**	0.24
Total Well Depth (ft):	9.5	**Purging Time Initiated:**	15:00
Depth to Water (ft):	3.45	**Purging Time Completed:**	15:20
Water Column Thickness (ft):	6.05	**Total Gallons Purged:**	1.00

WELL PURGING RECORD

Time	Volume Purged (gallons)	10% Temperature (^{o}C)	10% D.O. (mg/L)	±10 ORP (mV)	10% pH (s.u.)	3% Specific Conductance (mS/cm)	10% or <=5 Turbidity (NTU)	Comments (water color, odor, sediment, cloudy, etc.)
15:00	0.00	16.8	5.16	21.1	6.58	2.03	462.7	cloudy
15:05	0.25	15.3	0.3	-25	6.45	2.13	159.2	cloudy
15:10	0.50	15.2	0.27	-31.6	6.46	2.13	133.5	cloudy
15:15	0.75	15.1	0.22	-43.1	6.48	2.12	89.58	clear
15:20	1.00	15.1	0.2	-46.8	6.48	2.13	87.19	clear

GROUNDWATER SAMPLING RECORD

Sample Number	Collection Time	Parameter	Container	Preservative
TMW-6	15:20	8260B - Volatiles	3 - 40mL VOA	HCl
		8270D - SVOCs	2 - 250mL amber	None
		8015C - TPH DRO	2 - 250mL amber	HCl
		8015C - TPH GRO	3 - 40mL VOA	HCl

Samples Shipped By: courier
Laboratory: TestAmerica
Sampler(s): Austin Drooger
Checked By:

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Project Name:	Tidewater Gardens	**Job Number:**	02218113.11
Well Number:	TMW-7 (B-7)	**Date:**	3/4/2020
Well Diameter (in):	1	**Pump Used:**	Peristaltic
Depth to Pump (ft):	7	**1 Well Volume (gal):**	0.18
Total Well Depth (ft):	8	**Purging Time Initiated:**	15:45
Depth to Water (ft):	3.47	**Purging Time Completed:**	16:10
Water Column Thickness (ft):	4.53	**Total Gallons Purged:**	1.00

WELL PURGING RECORD

Time	Volume Purged (gallons)	10% Temperature (^{o}C)	10% D.O. (mg/L)	±10 ORP (mV)	10% pH (s.u.)	3% Specific Conductance (mS/cm)	10% or <=5 Turbidity (NTU)	Comments (water color, odor, sediment, cloudy, etc.)
15:45	0.00	14.6	0.96	-39.1	7.12	0.90	226.8	cloudy
15:50	0.25	14.5	0.24	-58.8	7.07	0.88	40.98	clear
15:55	0.50	14.5	0.2	-62.2	7.06	0.88	16.44	clear
16:00	0.75	14.6	0.17	-73.9	7.11	0.88	9.36	clear
16:05	1.00	14.6	0.18	-75.5	7.11	0.88	7.53	clear

GROUNDWATER SAMPLING RECORD

Sample Number	Collection Time	Parameter	Container	Preservative
TMW-7	16:10	8260B - Volatiles	3 - 40mL VOA	HCl
		8270D - SVOCs	2 - 250mL amber	None
		8015C - TPH DRO	2 - 250mL amber	HCl
		8015C - TPH GRO	3 - 40mL VOA	HCl

Samples Shipped By: courier
Laboratory: TestAmerica
Sampler(s): Austin Drooger
Checked By:

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Project Name:	Tidewater Gardens	**Job Number:**	02218113.11
Well Number:	TMW-8 (B-8)	**Date:**	3/5/2020
Well Diameter (in):	1	**Pump Used:**	Peristaltic
Depth to Pump (ft):	7.5	**1 Well Volume (gal):**	0.24
Total Well Depth (ft):	8.5	**Purging Time Initiated:**	11:50
Depth to Water (ft):	2.5	**Purging Time Completed:**	12:10
Water Column Thickness (ft):	6	**Total Gallons Purged:**	1.00

WELL PURGING RECORD

Time	Volume Purged (gallons)	10% Temperature (^{o}C)	10% D.O. (mg/L)	±10 ORP (mV)	10% pH (s.u.)	3% Specific Conductance (mS/cm)	10% or <=5 Turbidity (NTU)	Comments (water color, odor, sediment, cloudy, etc.)
11:50	0.00	14.5	4.6	14.9	6.72	2.60	471.4	cloudy-gray
11:55	0.25	15.5	0.62	-0.9	6.81	2.59	938.2	cloudy-gray
12:00	0.50	15.7	0.32	-8	6.78	2.39	381	slightly cloudy
12:05	0.75	15.8	0.29	-9.7	6.78	2.36	270	clear
12:10	1.00	15.7	0.28	-11.1	6.77	2.37	254	clear

GROUNDWATER SAMPLING RECORD

Sample Number	Collection Time	Parameter	Container	Preservative
TMW-8	12:10	8260B - Volatiles	3 - 40mL VOA	HCl
		8270D - SVOCs	2 - 250mL amber	None
		8015C - TPH DRO	2 - 250mL amber	HCl
		8015C - TPH GRO	3 - 40mL VOA	HCl

Samples Shipped By: courier
Laboratory: TestAmerica
Sampler(s): Austin Drooger
Checked By:

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Project Name:	Tidewater Gardens	**Job Number:**	02218113.11
Well Number:	TMW-9 (B-9)	**Date:**	3/5/2020
Well Diameter (in):	1	**Pump Used:**	Peristaltic
Depth to Pump (ft):	7.5	**1 Well Volume (gal):**	0.23
Total Well Depth (ft):	9	**Purging Time Initiated:**	11:00
Depth to Water (ft):	3.15	**Purging Time Completed:**	11:20
Water Column Thickness (ft):	5.85	**Total Gallons Purged:**	1.00

WELL PURGING RECORD

Time	Volume Purged (gallons)	10% Temperature (^{o}C)	10% D.O. (mg/L)	±10 ORP (mV)	10% pH (s.u.)	3% Specific Conductance (mS/cm)	10% or <=5 Turbidity (NTU)	Comments (water color, odor, sediment, cloudy, etc.)
11:00	0.00	12.6	5.15	-27.7	7.17	1.07	1.17	very cloudy - sediment
11:05	0.25	12.6	1.45	-22.8	6.97	1.03	10.98	very cloudy - sediment
11:10	0.50	12.8	1.15	-13.5	6.82	1.01	85.8	very cloudy - sediment
11:15	0.75	12.3	1.16	-5.5	6.79	1.07	838.9	very cloudy - sediment
11:20	1.00	12.3	0.94	0.1	6.75	1.06	eq. error	clear

GROUNDWATER SAMPLING RECORD

Sample Number	Collection Time	Parameter	Container	Preservative
TMW-9	11:20	8260B - Volatiles	3 - 40mL VOA	HCl
		8270D - SVOCs	2 - 250mL amber	None
		8015C - TPH DRO	2 - 250mL amber	HCl
		8015C - TPH GRO	3 - 40mL VOA	HCl

Samples Shipped By: courier
Laboratory: TestAmerica
Sampler(s): Austin Drooger
Checked By:

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Project Name:	Tidewater Gardens	**Job Number:**	02218113.11
Well Number:	TMW-10 (B-10)	**Date:**	3/5/2020
Well Diameter (in):	1	**Pump Used:**	Peristaltic
Depth to Pump (ft):	12	**1 Well Volume (gal):**	0.18
Total Well Depth (ft):	13	**Purging Time Initiated:**	9:20
Depth to Water (ft):	8.4	**Purging Time Completed:**	9:40
Water Column Thickness (ft):	4.6	**Total Gallons Purged:**	1.25

WELL PURGING RECORD

Time	Volume Purged (gallons)	10% Temperature (^{o}C)	10% D.O. (mg/L)	±10 ORP (mV)	10% pH (s.u.)	3% Specific Conductance (mS/cm)	10% or <=5 Turbidity (NTU)	Comments (water color, odor, sediment, cloudy, etc.)
9:20	0.25	12.3	3.11	75.4	7.41	1.36	481.4	cloudy
9:25	0.50	14.6	1.61	69.9	6.99	1.41	364.4	cloudy
9:30	0.75	14.4	1.85	69.9	6.96	1.41	271.7	cloudy
9:35	1.00	14.3	6.8	65.5	6.97	1.40	86.66	clear
9:40	1.25	14.5	5.81	65.3	6.96	1.40	28.45	clear

GROUNDWATER SAMPLING RECORD

Sample Number	Collection Time	Parameter	Container	Preservative
TMW-10	9:40	8260B - Volatiles	3 - 40mL VOA	HCl
		8270D - SVOCs	2 - 250mL amber	None
		8015C - TPH DRO	2 - 250mL amber	HCl
		8015C - TPH GRO	3 - 40mL VOA	HCl

Samples Shipped By: courier
Laboratory: TestAmerica
Sampler(s): Austin Drooger
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Project Name:	Tidewater Gardens	**Job Number:**	02218113.11
Well Number:	TMW-11 (B-11)	**Date:**	3/5/2020
Well Diameter (in):	1	**Pump Used:**	Peristaltic
Depth to Pump (ft):	12	**1 Well Volume (gal):**	0.43
Total Well Depth (ft):	13	**Purging Time Initiated:**	10:00
Depth to Water (ft):	2.37	**Purging Time Completed:**	10:30
Water Column Thickness (ft):	10.63	**Total Gallons Purged:**	1.50

WELL PURGING RECORD

Time	Volume Purged (gallons)	10% Temperature (^{o}C)	10% D.O. (mg/L)	±10 ORP (mV)	10% pH (s.u.)	3% Specific Conductance (mS/cm)	10% or <=5 Turbidity (NTU)	Comments (water color, odor, sediment, cloudy, etc.)
10:00	0.00	12.6	9.47	44.6	7.02	2.53	260.1	cloudy
10:05	0.25	11.7	9.09	24.2	7.04	2.55	349.6	cloudy
10:10	0.50	11.5	8.09	20.9	7.05	2.60	146.1	clear
10:15	0.75	11.8	8.44	-11.6	7.1	2.67	82.29	clear
10:20	1.00	11.8	8.26	-34.8	7.11	2.73	37.77	clear
10:25	1.25	11.9	7.96	-62.7	7.12	2.75	35.77	clear
10:30	1.50	11.9	7.92	-67.8	7.13	2.74	35.19	-

GROUNDWATER SAMPLING RECORD

Sample Number	Collection Time	Parameter	Container	Preservative
TMW-11	10:30	8260B - Volatiles	3 - 40mL VOA	HCl
		8270D - SVOCs	2 - 250mL amber	None
		8015C - TPH DRO	2 - 250mL amber	HCl
		8015C - TPH GRO	3 - 40mL VOA	HCl

Samples Shipped By: courier
Laboratory: TestAmerica
Sampler(s): Austin Drooger
Checked By: