VOLUNTARY REMEDIATION PROGRAM APPLICATION

Former Seaboard Freight Station
703 Louisville Road
Savannah, Chatham County, Georgia

May 14, 2019
Terracon Project No. ES187351

Prepared for:

WEDP FUND I, LLC
Atlanta, Georgia

and

Georgia Environmental Protection Division
Atlanta, Georgia

Prepared by:

Terracon Consultants, Inc.
Savannah, Georgia

May 14, 2019

Georgia Environmental Protection Division
Response and Remediation Program
Land Protection Branch
2 Martin Luther King, Jr. Drive, SE
Suite 1054, East Tower
Atlanta, Georgia 30334

Attn: Mr. Gordon Terhune / Environmental Engineer
E: gordon.terhune@dnr.ga.gov

Re: Voluntary Remediation Program Application
Former Seaboard Freight Station
703 Louisville Road
Savannah, Chatham County, Georgia
Terracon Project No. ES187351

Dear Mr. Terhune:

On behalf of WEDP Fund I, LLC, Terracon Consultants, Inc. (Terracon) is submitting this Voluntary Remediation Program (VRP) Application and Voluntary Investigation and Remediation Plan (VIRP) for the above-referenced facility. The VRP Application and VIRP have been completed in general accordance with the Georgia Voluntary Remediation Program Act (O.C.G.A. § 12-8-100). The VRP Application fee is attached.

If you have any questions concerning this document, please contact us at (912) 629 4000.

Sincerely,
Terracon Consultants, Inc.

Justin J. Johnson, PG
Senior Geologist

Stewart A. Dixon, PG
Principal / Environmental Department Manager

cc: Georgia EPD (1 hard copy; 2 electronic copies)
Client (1 electronic copy)

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1.0 INTRODUCTION

Terracon Consultants, Inc. (Terracon) has prepared this Voluntary Remediation Program (VRP) Application and Voluntary Investigation and Remediation Plan (VIRP) on behalf of West End Development Partners (WEDP) Fund I, LLC (property owner) for the Former Seaboard Freight Station located at 703 Louisville Road in Savannah, Chatham County, Georgia (Property).

This VRP Application and VIRP have been completed in general accordance with the Georgia Voluntary Remediation Program Act (O.C.G.A. § 12-8-100). The VRP Application and Checklist are provided in Appendix A. The tax map and warranty deed documentation for the property are included in Appendix B. A Site Vicinity Map (Figure 1) and Site Topographic Map (Figure 2) are included in Appendix C.

1.1 Purpose

The purpose of this document is to provide justification for enrollment of the property into the VRP by presenting a current understanding of site conditions based on existing data and a plan for site remediation.

1.2 Property Eligibility

Under O.C.G.A § 12-8-105, the following criteria must be met in order to be considered a qualifying property for the VRP:

1. The property must be listed on the inventory under Part 2 of this article or be a property which meets the criteria of O.C.G.A. § 12-8-105 or otherwise have a release of regulated substances into the environment;
2. The property shall not:
    a. Be listed on the federal National Priorities List pursuant to the federal Comprehensive Environmental Response, Compensation, and Liability Act, 42 U.S.C. § 9601, et seq;

b. Be currently undergoing response activities required by an order of the regional administrator of the federal Environmental Protection Agency; or

c. Be a facility required to have a permit under O.C.G.A. § 12-8-66

3. Qualifying the property under this part would not violate the terms and conditions under which the division operates and administers remedial programs by delegation or similar authorization from the United States Environmental Protection Agency; and

4. Any lien filed under subsection (e) of O.C.G.A. § 12-8-96 or subsection (b) of O.C.G.A. § 12-13-12 against the property shall be satisfied or settled and released by the director pursuant to O.C.G.A. § 12-8-94 or O.C.G.A. § 12-13-6.

Based on the criteria listed above, the Former Seaboard Freight Station is a "qualifying property" under the VRP.

1.3 Participant Eligibility

Under O.C.G.A. § 12-8-106, the following criteria must be met in order for the participant to meet the qualifications of the VRP:

1. Be the property owner of the voluntary remediation property or have express permission to enter another's property to perform corrective action including, to the extent practical, implementing controls for the site pursuant to written lease, order, or indenture;

2. Not be in violation of any order, judgment, statute, rule, or regulation subject to the enforcement authority of the director; and

3. Meet other such criteria as may be established by the board pursuant to O.C.G.A. § 12-8-103.

The participant, WEDP Fund I, LLC, meets all of the criteria stated above, and is therefore "qualified" under the VRP. The contact for the applicant and owner of the site is as follows:

WEDP Fund I, LLC
Mr. Robert DeMoura / Property Owner
1835 High Trail
Atlanta, Georgia 30339
(843) 670 0955

2.0 BACKGROUND

2.1 Site Description

The site is a single parcel (Parcel ID No. 2-0030-05-001) consisting 1.64 acres zoned as planned residential institutional professional medium density (P-RIP-D) land located at 703 Louisville Road in the City of Savannah, Chatham County, Georgia. The site is improved with an approximately 15,390-square foot, single story brick and concrete structure with a concrete paved parking lot. A diagram of the site is shown on Figure 3 in Appendix C.

2.2 Site History

In the mid-1910s, the site was occupied by the South Atlantic Packing & Provision Company. On-site structures included cold storage buildings, dry storage buildings, freezing tanks, ammonia condensers, water tanks, ice machines, a roller house, and a sausage grinding room. By the late 1920s, the site was developed with the Seaboard freight depot building and associated railroad tracks. By the early 1990s, the railroad tracks were removed, and the former Seaboard freight depot building was converted to commercial use.

2.3 Compliance Status

Based on the results of previous site investigations, WEDP Fund I, LLC submitted a Release Notification/Reporting Form with a 90-day Listing Deferral Extension Request to Georgia Environmental Protection Division (EPD) on August 31, 2018. It is Terracon's understanding that the Georgia EPD reviewed this release notification and approved the 90-day deferment.

3.0 PREVIOUS INVESTIGATIONS

3.1 Phase I Environmental Site Assessment

A Limited Phase I Environmental Site Assessment (ESA) was conducted for the site by Dominion Due Diligence Group (D3G). D3G identified various historical activities at the site as recognized environmental conditions (RECs), including a rail spur, Seaboard Freight Depot, S.A.L. RY Motor Freight Station, and railroad tracks.

3.2 Limited Phase II Environmental Site Assessment

A Limited Phase II ESA was performed by D3G in June 2018 to determine if historical operations identified in the Phase I ESA have impacted the environmental integrity of the site. As part of the Phase II ESA, six (6) soil borings (denoted as SB-1 through SB-6) were advanced at the site. A

total of eight (8) soil samples were selected from the six (6) borings for laboratory analysis. Four borings (denoted as SB-1 though SB-4) were converted into temporary monitoring wells to facility the collection of groundwater samples for laboratory analysis. D3G sample locations are depicted on Figure 4 in Appendix C.

3.2.1 Soil

The six soil samples were analyzed for one or more of the following: volatile organic compounds (VOCs), polycyclic aromatic hydrocarbons (PAHs), Resource Conservation and Recovery Act (RCRA) 8 metals, and/or total petroleum hydrocarbons (TPH) – gasoline range organics (GRO) and diesel range organics (DRO).

Benzene was detected at a concentration of 0.0822 milligrams per kilogram (mg/kg) in the soil sample collected from soil boring SB-3 at a depth of 4 to 5 feet below ground surface (bgs). This benzene detection exceeds the Georgia EPD Hazardous Site Response Act (HSRA) Type 1 risk reduction standard (RRS) of 0.0511 mg/kg. Additionally, benzo(a)pyrene was detected at a concentration of 2.04 mg/kg in the shallow soil sample (1 – 2 feet bgs) collected from soil boring SB-3. This benzo(a)pyrene detection exceeds the Type 1 RRS of 1.15 mg/kg. No other constituents of potential concern (COPCs) were detected at concentrations exceeding Type 1 RRS. Benzene and benzo(a)pyrene detections exceeding Type 1 RRS in the soil are shown on Figure 4 in Appendix C. A summary of soil analytical results is included in Table 1 of Appendix D. The laboratory analytical report is provided in Appendix E.

3.2.2 Groundwater

No COPCs were detected in the three (3) groundwater samples at concentrations exceeding Type 1 RRS. A summary of groundwater analytical results is included in Table 2 of Appendix D. The laboratory analytical report is provided in Appendix E.

3.3 Additional Site Investigation

On January 11, 2019, Terracon completed additional site investigation activities to further delineate the horizontal and vertical extent of soil contamination at the site. Soil borings were initially completed at 10 to 30 foot intervals in each cardinal direction from boring SB-3. The delineation borings are bounded by the existing building to the north, wooded area to the east, the Springfield Canal to the south, and D3G boring SB-2 to the west. The soil boring locations are depicted on Figure 4 in Appendix C.

The soil borings were advanced with a stainless-steel hand auger to depths ranging from 1 to 4 feet bgs. Each boring was completed to the top of the saturated zone (approximately 4 feet bgs) unless buried debris (i.e., bricks, concrete, cinder, and coal slag) prevented further advancement

of the hand auger at shallower depths. Soil samples were collected at 1 foot intervals and screened for organic vapors with a photo-ionization detector (PID). Field screening results are presented in Table 3 in Appendix D.

Surface (0.5 to 1.0 feet bgs) and subsurface (> 1 feet bgs) soil samples were collected for laboratory analysis from two borings in each cardinal direction from SB-3. The soil samples selected for analysis were placed in laboratory prepared containers, labeled, and stored on ice in insulated coolers secured with custody seals. The sealed coolers were hand delivered to Avery Laboratories and Environmental Services, LLC (NELAC No. E87941) in Savannah, Georgia. The soil samples were analyzed for benzene, toluene, ethylbenzene, and total xylenes (BTEX) by USEPA Method 8260 and PAHs by USEPA Method 8270.

3.3.1 Soil

Soil analytical results were compared to Type 1 RRS. Benzo(a)pyrene was detected at concentrations exceeding Type 1 RRS (1.15 mg/kg) in soil samples B-3-N-4-2 (3.66 mg/kg), B-3-W-7-1 (2.00 mg/kg) and B-3-W-7-2 (1.48 mg/kg). No other BTEX or PAH parameters were detected at concentrations exceeding Type 1 RRS in the 16 soil samples submitted for laboratory analysis. Benzo(a)pyrene detections exceeding Type 1 RRS in the soil are shown on Figure 4 in Appendix C. Soil analytical results and applicable Type 1 RRS are summarized in Table 1 in Appendix D. The laboratory analytical report is provided in Appendix E.

4.0 PRELIMINARY CONCEPTUAL SITE MODEL

A preliminary CSM has been developed using data collected during previous site investigations and information obtained from reviews of published literature. It is intended that the CSM will be updated as new information is gathered for the site. The CSM illustrates the site's surface and subsurface setting; potential human health and ecological receptors; and the complete and incomplete exposure pathways that exist for the site.

4.1 Geologic Setting

The following subsections summarize the regional and site-specific geomorphic, stratigraphic, and hydrogeologic settings. Geologic data for this area are based on numerous published reports, previous environmental studies conducted at the site, and discussions with other researchers familiar with the geology and hydrogeology of the area.

4.1.1 Regional Geology

The site is located in the Coastal Plain physiographic province of Georgia. The stratigraphy of the Coastal Plain of Georgia and Chatham County has been described by numerous authors (e.g., Herrick, 1961; Herrick and Vorhis, 1963; Counts and Donsky, 1963; Furlow, 1969; Chowns and Williams, 1983; Clarke et al., 1990; Weems and Edwards, 2001; Williams and Gill, 2010; and Clarke et al., 2011) and is summarized in the following paragraphs. The area stratigraphic units are discussed in ascending order, from the deepest Paleocene units to the surficial Holocene deposits. Cretaceous and pre-Cretaceous rock units are typically found at depths of several thousand feet below ground surface in the area; therefore, only a general description of the lithologic character is included in this report.

Cretaceous and pre-Cretaceous Stratigraphy
Pre-Cretaceous strata underlying the area are considered “basement” rocks. These “basement” rocks consist of igneous intrusive rocks and low-grade metamorphic rocks of Paleozoic age, and sedimentary rocks and volcanic rocks of Triassic to Early Jurassic Age (Chowns and Williams, 1983). Upper Cretaceous sediments consist of inter-bedded sands and clayey silts at depths of 1,600 feet below ground surface (Herrick, 1961).

Paleocene Stratigraphy
Paleocene units in the area mark the beginning of a regional transgression of the sea that lasted through the late Eocene (Clarke et al., 1990). Paleocene units unconformably overlie strata of Late Cretaceous age. The Clayton Formation and the Cedar Keys Formation make up the Paleocene units in the area. The upper portion of the Clayton Formation is a hard, sandy glauconitic, fossiliferous limestone, while the remaining portion of the formation consists of glauconitic sand, argillaceous sand, and small amounts of medium-to-dark gray clay (Clarke et al., 1990). The Cedar Keys Formation is a Paleocene carbonate-evaporite facies. The Cedar Keys Formation consists of thick beds of anhydrite and dolomite (Clarke et al., 1990).

Eocene Stratigraphy
The early Eocene Oldsmar Formation unconformably overlies the Paleocene Clayton Formation (Clarke et al., 1990). Glauconitic limestone and dolomite are characteristic lithologies of the Oldsmar Formation (Miller, 1986; Clarke et al., 1990). The Oldsmar Formation may also contain an upper layer of sand in some areas (Clarke et al., 1990).

The middle Eocene Avon Park Formation unconformably overlies the Oldsmar formation (Miller, 1986; Clarke et al., 1990). The Avon Park, a glauconitic dolomite and limestone, has a thickness in the range of 700 to 500 feet in the Chatham County area.

The Ocala Limestone is a massive, fossiliferous limestone. Fossils identified in the Ocala include bryozoan remains, foraminiferal tests, and mollusk shells (Furlow, 1969; Miller, 1986; Clarke et al., 1990). The Ocala Limestone unconformably overlies the dolomite and limestone of the Avon

Park Formation (Furlow, 1989; Krause and Randolph, 1989; and Clarke et al., 1990). The thickness of the Ocala is more than 200 feet thick, and in some areas exceeds 400 feet (Clarke et al., 1990).

Oligocene Stratigraphy

Buff-colored, porous fossiliferous (foraminiferal tests, micrite, and non-particulate ubiquitous phosphate) limestone describe the sediments of Oligocene age (Clarke et al., 1990). Huddleston (1988) named these sediments the Lazaretto Creek Formation and the Tiger Leap Formation. Weems and Edwards (2001) refined the descriptions of the two formations. The Lazaretto Creek Formation includes the lower Oligocene sediments in the study area and the Tiger Leap Formation includes the upper Oligocene sediments marked by an increase in phosphate. The abundance of miliolid foraminifera in the Oligocene sediments is used to differentiate the unit from the underlying Ocala Limestone, and the absence of particulate phosphate is used to differentiate the overlying Miocene carbonate sediments.

Miocene Stratigraphy

There are three units of Miocene age in Chatham County. These units have been described lithologically and by geophysical markers by several authors (Furlow, 1969; Huddleston, 1988; Clarke et al., 1990; Weems and Lewis, 2001). The three (3) layers are lithologically similar and are only differentiated based on stratigraphic position, geophysical characteristics, and limited paleontologic evidence (Clarke et al., 1990).

The lowermost Miocene unit in the Chatham County area was designated as Unit C by Clarke and others (1990). Unit C is correlative to the Parachucla Formation of Huddleston (1988) and the Tampa Limestone equivalent of Furlow (1969). Typically, only the lower portion of Unit C is found in the area, which is generally a sandy, phosphatic dolomite or limestone (Clarke et al., 1990). The middle clay and upper sandy layers have been removed by erosion (Clarke et al., 1990).

The middle Miocene unit has been designated as Miocene Unit B (Miller, 1986, and Clarke et al., 1990). Unit B is correlative to the Hawthorn Formation of Counts and Donsky (1963) and Miller (1986); the Marks Head Formation of Woolsey (1977) and Huddlestun (1988). The Marks Head Formation name has been used for this study after the work of Weems and Edwards (2001). The basal carbonate layer on Unit B typically consists of olive-green dolomite and limestone that contains very fine to coarse quartz sand, shiny brown to black phosphatic sand, and contains some fossils, typically mollusk molds and shark teeth. (Furlow, 1969; Clarke et al., 1990). Distinguishing the basal layer of Unit B from Unit C is difficult because both Unit C and Unit B are lithologically similar, therefore requiring paleontological evidence and/or borehole geophysical logs (Clarke et al., 1990). The two (2) basal units are juxtaposed because the middle and upper clastic layers of Unit C have been eroded away (Clarke et al., 1990). The middle layer of Unit B typically consists of olive-green phosphatic silty clay and clayey silt and grades upward to the upper sandy layer (Furlow, 1969; and Clarke et al., 1990). The upper sandy unit of Unit B typically

consists of poorly sorted, very fine to coarse sand and locally a thin very dense dolomite layer (Furlow, 1969; and Clarke et al., 1990). Unit B (Hawthorn Formation) ranges in thickness from 20 to 55 feet thick (Furlow, 1969).

Miocene Unit A overlies Unit B and is included in the Hawthorn Formation of Counts and Donsky (1963) and Miller (1986) and correlates with the Coosawhatchie Formation of Woolsey (1977) and Huddleston (1988). The name Coosawhatchie Formation is adopted for this study based on the work of Weems and Edwards (2001). The Coosawhatchie Formation contains two (2) members. The basal layer, which is the Tybee Phosphorite Member, consists of a sandy phosphatic limestone and dolomite with some fossils (Clarke et al., 1990). In Chatham County, clay is the matrix material surrounding most of the phosphate grains instead of dolomite (Clarke et al., 1990). The sand in the basal unit generally consists of very fine to coarse quartz and brown to black phosphate. The middle clay layer consists of fossiliferous clay and silt laminae and the upper sand unit consists of a very fine to coarse, poorly sorted sand (Clarke et al., 1990). The upper portion of this unit is equivalent to the Berryville Clay Member. Unit A is about 20 feet thick in the Savannah Area.

Pliocene, Pleistocene, and Holocene Stratigraphy

Sediments of Pliocene age are generally accepted as absent in Chatham County, with Pleistocene sediments unconformably overlying Miocene sediments (Herrick, 1965; Furlow, 1969; and Clarke et al., 1990). Pleistocene sediments typically consist of arkosic sand and gravel with discontinuous clay beds. Basal Pleistocene sediments contain reworked olive-green clay from the underlying Miocene units (Furlow, 1969). Lignitic and fossiliferous clay and micaceous sandy sediment ranging in thickness from 10 to 60 feet are typical of Pleistocene sediments. The Penholoway Formation is the principal surficial Pleistocene deposit in Chatham County (Weems and Edwards, 2001). The Penholoway is one of many remnants of former shoreline complexes through the area, which were the result of numerous transgressions and regressions of the sea, the result of extensive glaciations in North American during the Pleistocene Epoch.

4.1.2 Regional Hydrogeology

Hydrologic units in Chatham County, Georgia include (in descending order), the surficial aquifer system, consisting of the water-table zone, upper confined zone; the Upper Floridan Aquifer; middle confining; the lower Floridan Aquifer; and the lower confining unit (Williams and Gill, 2010).

In the vicinity of the site, the surficial aquifer system is present from land surface to approximately 60 feet bgs (Williams and Gill, 2010). For this study, the surficial aquifer is undifferentiated; however, the surficial aquifer is typically informally divided into a water-table zone, an upper confined zone, and a lower confined zone. The confining unit underlying the surficial aquifer system is identified on natural-gamma radiation logs by the A-marker horizon. The bottom of the confining unit is determined by the location of the C-marker horizon, which coincides with the top of the Upper Floridan Aquifer (Clarke et al., 1990).

The principal source for all drinking water uses in the coastal area of Georgia is the Floridan Aquifer system. The Floridan Aquifer system is composed of carbonate rocks of varying permeability (Clarke et al., 1990; Clark et al., 2011). There are several water-bearing zones within the Floridan Aquifer system that are separated by layers of relatively dense limestone and dolostone that act as semi-confining units (Krause and Randolph, 1989; Clarke et al., 1990; Williams and Gill, 2010).

The Chatham County area, the two shallowest water bearing zones of the five that comprise Floridan Aquifer system are part of the upper Floridan Aquifer (McCollum and Counts, 1964; Krause and Randolph, 1989; Clark et al., 1990; Williams and Gill, 2010). The upper Floridan Aquifer is overlain by a confining unit consisting of layers of silty clay and dense phosphatic Oligocene dolomite identified by a distinct response on gamma-ray logs (Clarke et al., 1990). Clarke and others (1990) identified the base of the confining unit as the C-marker horizon. The C-marker horizon is present near the top of the Suwannee Limestone and is considered to be the top of the upper Floridan Aquifer in the study area (Williams and Gill, 2010). Based on well log information for nearby Meddin Package Co. No. 2 Well (USGS Well ID 36Q038), the top of the upper Floridan Aquifer is encountered at a depth of 215 feet. The D-marker horizon represents the top of the permeable zone of the Upper Floridan Aquifer and is present at the top of the Ocala Limestone at a depth of 309 feet in the study area (Williams and Gill, 2010).

4.1.3 Site Geology

Based on previous site investigations, the general lithology of the site consists of asphalt-like fill material and sand to an approximate depth of 4 feet bgs, underlain by clay and sandy silt to total boring depths (approximately 15 feet bgs).

4.1.4 Site Hydrogeology

Saturated soil conditions were encountered during the advancement of the Limited Phase II ESA borings at approximately 9 to 10 feet bgs. Insufficient groundwater data are available to develop a potentiometric surface map and determine the shallow groundwater flow direction for the site.

4.2 Contaminants of Potential Concern

COPCs at the site include VOCs, SVOCs, and RCRA metals that have been detected at concentrations above the laboratory method reporting limits. These contaminants are listed in the table on the following page along with the impacted media. Contaminants that have been detected in soil at concentrations above Type 1 RRS are indicated in **bold** typeface. No regulated constituents have been detected above Type 1 RRS in shallow groundwater at the site.

Table 4.2 – Constituents of Potential Concern

Analyte	Media	
	Soil	Groundwater
Arsenic	X	X
Barium	X	
Cadmium	X	
Chromium	X	
Lead	X	
Mercury	X	
Acetone	X	
Benzene	**X**	
2-Butanone (MEK)	X	
Ethylbenzene	X	
Isopropylbenzene	X	
p-Isopropyltoluene	X	
Methyl tert-butyl ether (MTBE)	X	
n-Propylbenzene	X	
1,2,4-Trimethylbenzene	X	
1,2,3-Trimethylbenzene	X	
1,3,5-Trimethylbenzene	X	
Toluene	X	
Xylenes (Total)	X	
1-Methylnaphthalene	X	X
2-Methylnaphthalene	X	X
Acenaphthene	X	X
Acenaphthylene	X	
Anthracene	X	X
Benzo(a)anthracene	X	X
Benzo(a)pyrene	**X**	X
Benzo(b)fluoranthene	X	X
Benzo(g,h,i)perylene	X	X
Benzo(k)fluoranthene	X	
Chrysene	X	X
Dibenzo(a,h)anthracene	X	
Fluoranthene	X	X
Fluorene	X	X
Indeno(1,2,3-cd)pyrene	X	
Naphthalene	X	X
Phenanthrene	X	X
Pyrene	X	X

4.3 Potential Environmental Receptors

4.3.1 Human Receptors

The site is zoned residential institutional professional medium density (P-RIP-D) and is developed with a 15,390-square foot vacant commercial building. Based on the current use of the site, on-site commercial workers and on-site residents are not considered potential human receptors.

The building is secured with door locks and barred windows. Currently, there is no surveillance system or fence to prevent unauthorized access to the exterior of the site. Based on the current accessibility of the site, trespassers are considered potential human receptors.

WEDP Fund I, LLC plans to redevelop the site for residential and commercial use. Based on the proposed use of the site, future construction workers, future on-site residents and future on-site commercial workers are considered potential human receptors.

The site is bound to the north by Louisville Road followed by vacant land and an apartment complex. The site is bound to the east by the Savannah & Ogeechee canal followed by West Boundary Street. The western adjoining property consists vacant land and the U.S. Highway 17 offramp. The site is bound to the south by the Savannah & Ogeechee canal and an apartment complex. Based on the surrounding land use and distance from residential structures, off-site residents and off-site commercial workers are considered potential human receptors.

Based on the current and proposed use of the site and adjoining properties, the potential exposure pathways were evaluated for the following potential human receptors:

- Future on-site residents
- Future on-site construction workers
- Future on-site commercial workers
- Current and future off-site residents
- Current and future off-site commercial workers
- Current and future on-site trespassers

4.3.2 Ecological Receptors

The site is developed with a commercial building and does not provide a suitable habitat for plants or animals. In the absence of natural habitats, vegetation, and surface water, as well as the significant amount of anthropogenic disturbance, biologically significant populations of wildlife receptors are not likely to be present at the site.

4.4 Potential Exposure Pathways

An evaluation of potential exposure pathways was conducted for the site. The exposure pathways evaluated include drinking water, soil, groundwater, vapor intrusion, and sediment and/or surface water from impacted soil and groundwater.

4.4.1 Drinking Water

The site and surrounding properties receive water from the Main System of the City of Savannah Water Supply and Treatment Department. According to the City of Savannah's 2017 Water Quality Report (most recently published report available), the drinking water for the Main System is drawn from 22 wells installed within the Floridan Aquifer at depths between 414 and 1,006 feet deep.

According to information from the USGS National Water Information System (NWIS) database, 21 water wells exist within a 1-mile radius of the site. The closest water well IS USGS Well No. 37Q098 located approximately 2,400 feet to the southeast of the site. Based on the data provided by the NWIS database, the off-site wells within a 1-mile radius are cased to withdraw from the Floridan Aquifer system, specifically the upper Floridan Aquifer.

The Floridan Aquifer system in the Savannah, Chatham County area is hydraulically separated from the surficial aquifer system by a series confining units. In addition, no COPCs have been detected above Type 1 RRS in the shallow groundwater at the site. Therefore, the drinking water exposure pathway is considered incomplete for the site.

4.4.2 Soil Ingestion, Inhalation, or Direct Contact

The soil exposure pathway is potentially complete, as COPCs exceeding Type 1 RRS have been identified in certain soil borings across the site at this time. The proposed VRP remediation will include the excavation and removal of soils impacted with COPCs exceeding Type 1 RRS. Upon completion of remediation activities, the potential soil exposure pathway will be reevaluated for the site.

4.4.3 Groundwater Ingestion, Inhalation, or Direct Contact

The groundwater exposure pathway for ingestion, inhalation, or direct contact by on-site and off-site construction workers and residents during future excavation activities is not complete. No COPCs have been detected above Type 1 RRS in the shallow groundwater at the site.

4.4.4 Vapor Intrusion

The soil vapor intrusion pathway will be initially evaluated using the USEPA Vapor Intrusion Screening Level (VISL) Calculator. The VISL calculations will based on a commercial exposure scenario with a target hazard quotient (THQ) of 0.1 and a target risk (TR) of $1x10^{-5}$. Target groundwater concentrations (TGCs) for residential properties will be calculated for the regulated VOCs detected in the groundwater samples collected from the site. The results of the initial vapor intrusion evaluation will be presented in the first semi-annual progress report.

4.4.5 Surface Water / Sediment

No surface water bodies or drainage ditches are present at the site. Based on the absence of surface water bodies and drainage features, surface water and sediment are not considered complete exposure pathways at this time.

4.5 Fate and Transport Modeling

No COPCs have been detected above Type 1 RRS in the shallow groundwater at the site. Therefore, a fate and transport model (F&T Model) is not warranted at this time.

4.6 Cleanup Standards

Soil contamination will be subject to residential RRS. Groundwater contamination, if identified, will be subject to Type 5 RRS. Type 5 RRS allows contamination to remain in place, provided the principal exposure pathways at the site are mitigated by engineering and institutional controls. These controls could include, but are not limited to, a uniform environmental covenant governing site activity and use limitations (AULs), restricted access, and 24-hour security measures.

5.0 VRP INVESTIGATION PLAN

5.1 Soil Investigation

The soil investigation will include the completion of up to ten (10) soil borings to further delineate the extent of impacts at the site. The proposed boring locations are depicted on Figure 5 in Appendix C.

Each soil boring will be initially advanced with a stainless steel hand auger to a depth of 5 feet below grade in order to verify underground utility clearance. Once cleared, the borings will be advanced using direct push methods up to 15 feet below grade. Soil samples will be continuously collected to total boring depth to screen for organic vapors with a PID as well as document soil

lithology and saturated zone depths. Terracon will use this information to prepare stratigraphic cross-sections of the area of concern and further develop the CSM.

One (1) surface soil sample (≤ 2 feet below grade) and one (1) subsurface soil sample will be collected from each boring for laboratory analysis. The subsurface soil sample will be collected from the interval exhibiting the highest PID reading. If no elevated PID reading is observed within the boring; the sample will be collected from the interval of most likely environmental impact above the saturated zone as determined in the field by the sampling professional.

The soil samples selected for analysis will be placed in laboratory prepared containers, labeled, and placed on ice in a cooler which will be secured with a custody seal. The samples and completed chain-of-custody forms will be transported to an independent Georgia-certified laboratory for analysis of the following parameters:

- BTEX by USEPA Method 8260
- PAHs by USEPA Method 8270

The soil analytical data will be evaluated to confirm the constituents of concern (COCs) for the site. Terracon will continue investigation activities as practical until COCs are delineated to Type 1 RRS.

6.0 REMEDIATION PLAN

6.1 Soil Remediation

As part of site development activities, WEDP Fund I, LLC will excavate areas of contaminated soil exceeding residential RRS. The contaminated soil will be transported in compliance with applicable regulations to a pre-approved disposal facility permitted to accept the designated waste.

Confirmatory soil samples will be collected from each excavation area to demonstrate compliance with residential RRS. Confirmatory sidewall samples will be collected every 25 linear feet of sidewall with a minimum of four (4) sidewall samples per excavation area. Confirmatory floor samples will be collected from the center of every 625 square feet of excavation bottom with a minimum of one (1) floor sample per excavation area, except for areas where groundwater is encountered in the excavation. It is not necessary to collect confirmatory floor samples from excavation bottoms below the groundwater table. Confirmatory soil samples will be submitted to a Georgia certified laboratory and analyzed for BTEX by USEPA Method 8260 and PAHs by USEPA Method 8270 . Excavation activities will continue until confirmatory soil sample results show BTEX and PAH concentrations are below residential RRS.

Following the completion of soil remediation activities, Terracon will prepare a Compliance Status Report (CSR) for submittal to the Georgia EPD. The report will be prepared under the direction of a Georgia Professional Geologist or Professional Engineer and will summarize soil excavation and disposal activities, the results of the confirmatory soil sampling, and appropriate cleanup standards.

7.0 MILESTONE SCHEDULE

The schedule for the implementation of the VIRP is presented in Appendix F. Progress reports will be submitted to the Georgia EPD on a semi-annual basis during the implementation period until the final VRP CSR is submitted. A discussion of the VRP milestones is below:

- **Horizontal/Vertical Delineation of Soil Impacts** – The results of soil delineation activities will be completed within the 6-month period specified under the VRP. The results of the delineation effort will be presented in Semi-Annual Progress Report No. 1.
- **Updated CSM Submittal with Final Remediation Plan** – An updated CSM and final remediation plan will be submitted as part of Semi-Annual Progress Report No. 2 within 12 months following VRP enrollment.
- **VRP Compliance Status Report** – A VRP CSR certifying compliance with applicable rules and regulations will be submitted within 18 months following VRP enrollment.

8.0 REFERENCES

- Chowns, T.M., and Williams, C.T., 1983, Pre-Cretaceous rocks beneath the Georgia Coastal Plain- Regional Implications: *in* Gohn, G.S., *ed.,* Studies related to the Charleston, South Carolina Earthquake of 1886-tectonics and seismicity: U.S. Geologic Survey Professional Paper, p. L1- L42
- Clarke, J.S., Hacke, C.M., and Peck, M.F., 1990, Geology and Ground-Water Resources of the Coastal Area of Georgia: Georgia Geologic Survey Bulletin 113, 106 pages.
- Clarke, J.S., Cherry, G.C., and Gonthier, G.J., 2011, Hydrogeology and water quality of the Floridan aquifer system and effects of Lower Floridan aquifer pumping on the Upper Floridan aquifer at Fort Stewart, Georgia: U.S. Geological Survey Scientific Investigations Report 2011–5065, p. 59
- Clarke, W.Z., and Zisa, A.C., 1976, *Physiographic Map of Georgia*: Georgia Department of Natural Resources, 1 plate.
- Counts, H.B., and Donsky, E., 1963, Salt-water encroachment, geology, and ground-water resources of the Savannah area, Georgia and South Carolina: U.S. Geological Survey Water Supply Paper 1611, 100 pages, 6 plates, 9 figures.
- Furlow, J.W., 1969, Stratigraphy and Economic Geology of the Eastern Chatham County Phosphate Deposit: Georgia Department of Natural Resources, Division of Mines, Mining, and Geology Bulletin 82, 40 pages.
- Georgia Department of Natural Resources (GDNR), 1976, Geologic Map of Georgia, Atlanta, Georgia.
- Herrick, S.M., 1961, Well Logs of the Coastal Plain of Georgia: Georgia Geologic Survey Bulletin 70, 426 p.
- Herrick, S.M., 1965, A subsurface study of Pleistocene deposits in coastal Georgia: Georgia Dept. of Natural Resources, Division of Mines, Mining, and Geology Information Circular 31, 8 p.
- Herrick, S.M., and Vorhes, R.C., 1963, Subsurface Geology of the Georgia Coastal Plain, Georgia: State Division Conservation, Department of Mines, Mining and Geology, Geological Survey Information Circular 25, 79 p.
- Huddlestun, P.F., 1988, A revision of the Lithostratigraphic Units of the Coastal Plain of Georgia, the Miocene through Holocene: Georgia Geologic Survey Bull 104, 162 p.
- Krause, R.E., and Randolph, R.B., 1989, Hydrology of the Floridian Aquifer System in Southeast Georgia and Adjacent Parts of Florida and South Carolina: U.S. Geologic Survey Professional Paper 1403-D, 65 pages.

- Miller, J. A., 1986, Hydrogeologic framework of the Floridan aquifer system in Florida and parts of Georgia, Alabama, and South Carolina: U.S. Geological Survey Professional Paper 1403-B, 91 pages.
- United States Geologic Survey (USGS), 2017, National Water Information System: Mapper.
- Weems, R.E., and Edwards, L.E., 2001, Geology of Oligocene, Miocene, and Younger Deposits in the Coastal Area of Georgia: Georgia Geologic Survey Bulletin 131, 124 p.
- Williams, L.J., and Gill, H.E., 2010, Revised hydrogeologic framework of the Floridan aquifer system in the northern coastal area of Georgia and adjacent parts of South Carolina: U.S. Geological Survey Scientific Investigations Report 2010–5158, 103 p., 3 plates.

APPENDIX A

VRP APPLICATION AND CHECKLIST

Voluntary Investigation and Remediation Plan Application Form and Checklist

VRP APPLICANT INFORMATION

COMPANY NAME	WEDP-FUND I, LLC				
CONTACT PERSON/TITLE	L. Robert DeMoura / Managing Member				
ADDRESS	1835 High Trail, Atlanta, GA 30339				
PHONE	(843) 670 0955	**FAX**	n/a	**E-MAIL**	robert.demoura@gmail.com

GEORGIA CERTIFIED PROFESSIONAL GEOLOGIST OR PROFESSIONAL ENGINEER OVERSEEING CLEANUP

NAME	Justin J. Johnson			**GA PE/PG NUMBER**	2196
COMPANY	Terracon Consultants, Inc.				
ADDRESS	2201 Rowland Avenue, Savannah, GA 31404				
PHONE	(912) 662 8481	**FAX**	(912) 629 4001	**E-MAIL**	jjjohnson@terracon.com

APPLICANT'S CERTIFICATION

In order to be considered a qualifying property for the VRP:

(1) The property must have a release of regulated substances into the environment;
(2) The property shall not be:
- (A) Listed on the federal National Priorities List pursuant to the federal Comprehensive Environmental Response, Compensation, and Liability Act, 42 U.S.C. Section 9601.
- (B) Currently undergoing response activities required by an order of the regional administrator of the federal Environmental Protection Agency; or
- (C) A facility required to have a permit under Code Section 12-8-66.

(3) Qualifying the property under this part would not violate the terms and conditions under which the division operates and administers remedial programs by delegation or similar authorization from the United States Environmental Protection Agency.
(4) Any lien filed under subsection (e) of Code Section 12-8-96 or subsection (b) of Code Section 12-13-12 against the property shall be satisfied or settled and released by the director pursuant to Code Section 12-8-94 or Code Section 12-13-6.

In order to be considered a participant under the VRP:
(1) The participant must be the property owner of the voluntary remediation property or have express permission to enter another's property to perform corrective action.
(2) The participant must not be in violation of any order, judgment, statute, rule, or regulation subject to the enforcement authority of the director.

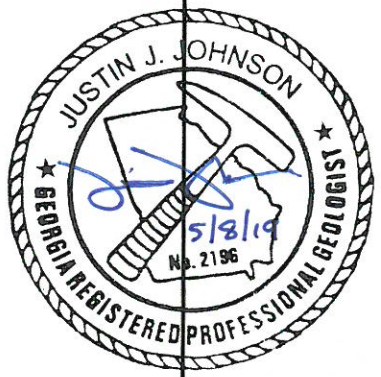
I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

I also certify that this property is eligible for the Voluntary Remediation Program (VRP) as defined in Code Section 12-8-105 and I am eligible as a participant as defined in Code Section 12-8-106.

APPLICANT'S SIGNATURE			
APPLICANT'S NAME/TITLE (PRINT)	L Robert DeMoura Managing Member WEDP-FUND I, LLC	**DATE**	April 26, 2019

QUALIFYING PROPERTY INFORMATION (For additional qualifying properties, please refer to the last page of application form)			
HAZARDOUS SITE INVENTORY INFORMATION (if applicable)			
HSI Number	n/a	Date HSI Site listed	n/a
HSI Facility Name	n/a	NAICS CODE	n/a
PROPERTY INFORMATION			
TAX PARCEL ID	2-0030-05-001	PROPERTY SIZE (ACRES)	1.64
PROPERTY ADDRESS	703 Louisville Road		
CITY	Savannah	COUNTY	Chatham
STATE	Georgia	ZIPCODE	31415
LATITUDE (decimal format)	32.077255	LONGITUDE (decimal format)	-81.105061
PROPERTY OWNER INFORMATION			
PROPERTY OWNER(S)	WEDP-FUND I, LLC	PHONE #	(843) 670 0955
MAILING ADDRESS	1835 High Trail		
CITY	Atlanta	STATE/ZIPCODE	GA 30339

ITEM #	DESCRIPTION OF REQUIREMENT	Location in VRP (i.e. pg., Table #, Figure #, etc.)	For EPD Comment Only (Leave Blank)
1.	**$5,000 APPLICATION FEE** IN THE FORM OF A CHECK PAYABLE TO THE GEORGIA DEPARTMENT OF NATURAL RESOURCES. (PLEASE LIST CHECK DATE AND CHECK NUMBER IN COLUMN TITLED "LOCATION IN VRP." PLEASE DO NOT INCLUDE A SCANNED COPY OF CHECK IN ELECTRONIC COPY OF APPLICATION.)	Check included with submittal. Check # 1022 Dated: 4/25/2019	
2.	**WARRANTY DEED(S)** FOR QUALIFYING PROPERTY.	Appendix B	
3.	**TAX PLAT** OR OTHER FIGURE INCLUDING QUALIFYING PROPERTY BOUNDARIES, ABUTTING PROPERTIES, AND TAX PARCEL IDENTIFICATION NUMBER(S).	Appendix C Figure 3	
4.	**ONE (1) PAPER COPY AND TWO (2) COMPACT DISC (CD) COPIES** OF THE VOLUNTARY REMEDIATION PLAN IN A SEARCHABLE PORTABLE DOCUMENT FORMAT (PDF).	Included with submittal.	
5.	The VRP participant's initial plan and application must include, using all reasonably available current information to the extent known at the time of application, a graphic three-dimensional preliminary conceptual site model (CSM) including a preliminary remediation plan with a table of delineation standards, brief supporting text, charts, and figures (no more than 10 pages, total) that illustrates the site's surface and subsurface setting, the known or suspected source(s) of contamination, how contamination might move within the environment, the potential human health and ecological receptors, and the complete or incomplete exposure pathways that may exist at the site; the preliminary CSM must be updated as the investigation and remediation progresses and an up-to-date CSM must be included in each semi-annual status report submitted to the director by the participant; a **PROJECTED**	Sections 4 & 7 Appendices C - E	

	MILESTONE SCHEDULE for investigation and remediation of the site, and after enrollment as a participant, must update the schedule in each semi-annual status report to the director describing implementation of the plan during the preceding period. A Gantt chart format is preferred for the milestone schedule. The following four (4) generic milestones are required in all initial plans with the results reported in the participant's next applicable semi-annual reports to the director. The director may extend the time for or waive these or other milestones in the participant's plan where the director determines, based on a showing by the participant, that a longer time period is reasonably necessary:		
5.a.	Within the first 12 months after enrollment, the participant must complete horizontal delineation of the release and associated constituents of concern on property where access is available at the time of enrollment;	Sections 7 Appendix E	
5.b.	Within the first 24 months after enrollment, the participant must complete horizontal delineation of the release and associated constituents of concern extending onto property for which access was not available at the time of enrollment;	Sections 7 Appendix E	
5.c.	Within 30 months after enrollment, the participant must update the site CSM to include vertical delineation, finalize the remediation plan and provide a preliminary cost estimate for implementation of remediation and associated continuing actions; and	Sections 7 Appendix E	
5.d.	Within 60 months after enrollment, the participant must submit the compliance status report required under the VRP, including the requisite certifications.	Sections 7 Appendix E	
6.	**SIGNED AND SEALED PE/PG CERTIFICATION** AND SUPPORTING DOCUMENTATION: "I certify under penalty of law that this report and all attachments were prepared by me or under my direct supervision in accordance with the Voluntary Remediation Program Act (O.C.G.A. Section 12-8-101, et seq.). I am a professional engineer/professional geologist who is registered with the Georgia State Board of Registration for Professional Engineers and Land Surveyors/Georgia State Board of Registration for Professional Geologists and I have the necessary experience and am in charge of the investigation and remediation of this release of regulated substances. Furthermore, to document my direct oversight of the Voluntary Remediation Plan development, implementation of corrective action, and long term monitoring, I have attached a monthly summary of hours invoiced and description of services provided by me to the Voluntary Remediation Program participant since the previous submittal to the Georgia Environmental Protection Division. The information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations." Justin Johnson PG #2196 — Printed Name and GA PE/PG Number 5/8/2019 — Date Signature and Stamp		

APPENDIX B

TAX PLAT AND WARRANTY DEED

2018 Chatham County Board of Assessors

2-0030-05-001

Property Record Card

703 LOUISVILLE RD SAVANNAH

APPRAISER	AYONCE
LAST INSP	01/23/2018
APPR ZONE	000009

SEABOARD RAILROAD TCT WILLIAMS WARD

JSR PROPERTIES LLC
PO BOX 23588
SAVANNAH GA 31403

CAMA	ASMT		
71,400	71,400	LAND	1
403,900	403,900	BLDG	1
98,800	98,800	OBXF	6
574,100	574,100	Cost - MS	

SALES	BOOK / PAGE	INS	VI	QU	RSN	PRICE
09 Feb 2015	469 172	WD	I	U	PI	900,000
*GRANTOR:MERRITT ROBERT J ETAL**						
*GRANTEE:JSR PROPERTIES LLC ETAL**						
09 Feb 2015	469 176	NA	I	U	UR	
*GRANTOR:JSR PROPERTIES LLC ETAL**						
GRANTEE:JSR PROPERTIES LLC						
01 Jul 2008	343E 0401	QC	I	U	UQ	
GRANTOR:BART MICHAEL E						
*GRANTEE:MERRITT ROBERT J ETAL***						
30 Oct 2000	216H 0169	NA	I	U	UG	
GRANTOR:ROBERT J MERRITT ETAL						
*GRANTEE:MERRITT ROBERT J ETAL**						
31 May 1984	123U 0530	WD	I	Q	QX	265,000
GRANTOR:SEABOARD RAILROAD						
GRANTEE:ROBERT J. MERRITT et al						

[Click for larger picture]

PERMITS	TYPE	DATE		AMOUNT
15-03686-BC	CC			NaN
15-03686-BC	CC	27 Oct 2015	Comp	NaN
15-03686-BC	CO	27 Oct 2015	Comp	NaN
13-06231-EC	EL	02 Jan 2014	Comp	696
12-1563E	EL	24 Apr 2012	Comp	1,400
12-1564E	EL	24 Apr 2012	Comp	1,400
27613	CM	01 Jan 1986	Comp	33,900
26422	CM	19 Jul 1984	Issued	352,000

CODES		
PROPERTY USE	0004	INDUSTRIAL
UTA	0002	Savannah
NBHD	009800.00	I800 TELFAIR RD/LOUI
EXEMPTIONS		
COMMCATEG	453	Industrial Flex Building

HISTORY	LAND	IMPR	TOTAL	
2017	71,400	522,400	593,800	Cama
2016	650,100	539,800	1,189,900	Cama
2015	650,100	556,600	1,206,700	Cama
2014	650,100	570,500	1,220,600	Cama
2013	650,100	581,300	1,231,400	Cama
2012	650,100	561,200	1,211,300	Cama
2011	500,000	490,000	990,000	MAV
2010	500,000	490,000	990,000	MAV
2009	500,000	490,000	990,000	Over
2008	500,000	490,000	990,000	Cama
2007	500,000	490,000	990,000	Cama
2006	500,000	382,000	882,000	Cama
2005	228,500	382,000	610,500	Cama
2004	51,500	398,000	449,500	Cama
2003	51,500	398,000	449,500	Cama
2002	51,500	398,000	449,500	Cama
2001	51,500	419,500	471,000	Cama
2000	51,500	419,500	471,000	Cama
1999	61,500	419,500	481,000	Cama
1998	61,500	419,000	480,500	Cama
1997	61,600	350,000	411,600	Over
1996	61,600	350,000	411,600	Over
1995	61,600	427,600	489,200	Cama
1994	61,600	280,750	342,350	Over
1993	61,600	280,750	342,350	Over
1992	61,600	280,750	342,350	Over

COMMENTS:

05 Jun 2015	TY16 469/172: *ETAL: ROBERT J MERRITT AS TRUSTEE, CARROLL E GERRALD, MICHELLE NARY AS TRUSTEE
09 Dec 2009	TY010 MADD CHGE PER FAX KIM ARLEDGE
19 Aug 2008	*216G169:INTEREST OF ROBERT J MERRITT TO ROBERT J MERRITT REV/TRUST ROBT J MERRITT TRSEE **343E401:INT OF MICHEL E BART TO MICHELLE NARY TRUSTEE OF
16 Feb 2000	5/31/1984 Owners include: R. J. Merritt; J. V. Gordy; C. F. Gerrald; M. E. Bart; and J. S. Reese. 2000 1.436 Ac split to 2-0030- 04-023 PRB 16P-77 12/27/1999. 1989 4.169 acre split for right of way 137P-0527. 10/16/89 BOE reduced building value to $238,400 due to "economic obsolesence". SWC. 1990 Building value changed to $280,750 to reflect addition of pavement and remodeling. 7/11/1994 Property

EXTRA FEATURES

ID#	BLDG #	SYSTEM DESC	DIM 1	DIM 2	UNITS	QL	UNIT PRICE	RCN	AYB	EYB	DT	ECON	FUNC	SP	SP%	RCNLD	MKT VALUE
66057		CONCRETE PAVE 500	0	0	16868.00	3	2.73	46,050	1989	1989	40					22,104	19,900
66058	38479	CAN STY 14 FR CHEAP *Located in rear of bldg.*	284	8	2272.00	3	12.60	28,627	1929	1929	40					5,725	5,200
66059	38479	Uncoded Feature *Description=Loading Dock Section 14, Page 27.*	284	8	2272.00	3	12.45	28,286	1984	1984	40					9,900	8,900
66060	38479	Uncoded Feature *Description=Loading Ramp Section 14, Page 27.*	52	8	416.00	3	34.03	14,156	1984	1984	40					4,955	4,500
66061	38479	Uncoded Feature *Description=Dock Height Floors Section 14, Page 2*	342	45	15390.00	3	2.55	39,245	1984	1984	40					13,736	12,400
66062	38479	EXCESS IND OFF AVG *6,162 SF vs 1,847 SF.*	0	0	4315.00	3	35.26	152,147	1984	1984	40					53,251	47,900

LAND

ID#	USE DESC	FRONT	DEPTH	UNITS / TYPE	PRICE	ZONING	LCTN	TOPO	OTHER	ADJ1	ADJ2	ADJ3	ADJ4	MKT VALUE
47247	Industrial 3	0	0	71,438.40-SF	1.00	I-H								71400

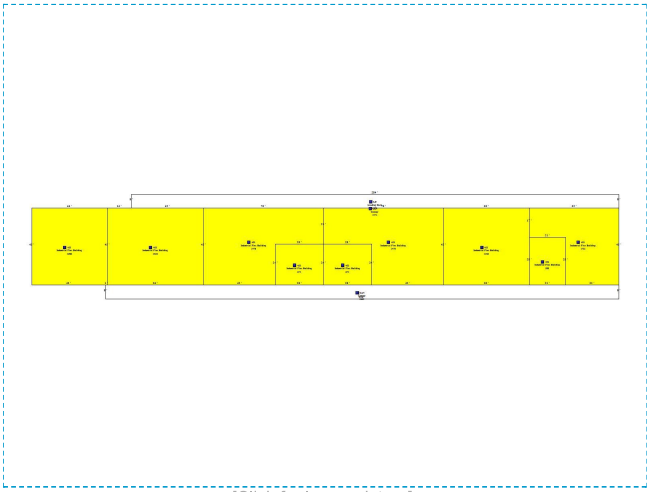
2018 Chatham County Board of Assessors

Property Record Card

2-0030-05-001

703 LOUISVILLE RD SAVANNAH

BUILDING SECTION 38479-1-2018	CONSTRUCTION TYPE	RCN	AYB	EYB	DEP TYPE	PHYS	ECON	FUNC	OBSV / %	TOTAL DEP %	RCNLD	U.FACTOR	MKT VAL
	Commercial	684,547	1929	1984	MS	41.00	0.00	0.00	0.00	41.00	403,883		403,883



[Click for larger picture]

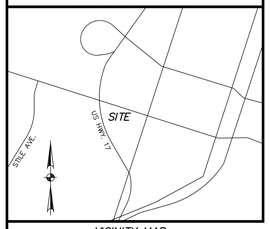
Warehouse. Built 1929; renovated 1984;one story brick; 12' tall; has dock height floor; 6,612 square feet of office space; 12 OHDs 12' X 10'; OHS; 30 plumbing fixtures; subdivided into 6 seperate units.

AREA	15390
STORIES	1.0
PERIMETER / SHAPE	774

OCCUPANCIES		AREA	%	CLASS	HEIGHT	QUAL
453	Industrial Flex Building	672	4.37	C	12.00	2.00
453	Industrial Flex Building	672	4.37	C	12.00	2.00
453	Industrial Flex Building	588	3.82	C	12.00	2.00
453	Industrial Flex Building	2520	16.37	C	12.00	2.00
453	Industrial Flex Building	2478	16.10	C	12.00	2.00
453	Industrial Flex Building	2478	16.10	C	12.00	2.00
453	Industrial Flex Building	2250	14.62	C	12.00	2.00
453	Industrial Flex Building	1980	12.87	C	12.00	2.00
453	Industrial Flex Building	1752	11.38	C	12.00	2.00

COMPONENTS			Units	%	QUAL
C4	683	Wet Sprinklers		100.00	
C1	882	Stud -Brick Veneer		100.00	

THIS SPACE RESERVED FOR THE CLERK OF SUPERIOR COURT



VICINITY MAP
NOT TO SCALE

CHICAGO TITLE INSURANCE COMPANY
A.L.T.A. COMMITMENT NUMBER: D0104-0001 DATED 12-12-2018
SCHEDULE B – SECTION 2 EXCEPTIONS

EXCEPTIONS 1 – 17 **STANDARD EXCEPTIONS**

18. ALL MATTERS SHOWN ON PLAT RECORDED IN PLAT MAP BOOK "V", PAGE 116; AND IN PLAT MAP BOOK 5P, PAGE 106A; AND IN PLAT MAP BOOK 01, PAGE 93; AND IN PLAT MAP BOOK 02, PAGE 109, CHATHAM COUNTY, GEORGIA RECORDS.
PLAT MAP BOOK "V", PAGE 116 DOES NOT APPLY; PLAT MAP BOOK 5P, PAGE 106A DOES APPLY;
PLAT MAP BOOK 01, PAGE 93 DOES APPLY; PLAT MAP BOOK 02, PAGE 10 DOES NOT APPLY

19. RIGHT-OF-WAY DEED BY AND BETWEEN THE CITY OF SAVANNAH, A MUNICIPAL CORPORATION OF SAID STATE AND COUNTY AND MIDLAND RAILWAY, A RAILWAY CORPORATION, DATED OCTOBER 11, 1916, FILED FOR RECORD MAY 27, 1927, RECORDED IN DEED BOOK 22-Z, PAGE 439, CHATHAM COUNTY, GEORGIA RECORDS.
LOCATION NOT DETERMINED, NEED REFERENCED MAP

20. EASEMENT AGREEMENT BY AND BETWEEN THE MAYOR AND ALDERMEN OF THE CITY OF SAVANNAH, A CORPORATION DULY ORGANIZED AND DOING BUSINESS UNDER THE LAWS OF THE STATE OF GEORGIA AND SAVANNAH ELECTRIC AND POWER COMPANY, A CORPORATION DULY ORGANIZED AND DOING BUSINESS UNDER THE LAWS OF THE STATE OF GEORGIA, DATED SEPTEMBER 24, 1941, FILED FOR RECORD OCTOBER 25, 1941, RECORDED IN DEED BOOK 36-T, PAGE 325, CHATHAM COUNTY GEORGIA RECORDS.
UNABLE TO DETERMINE LOCATION FROM DESCRIPTION

21. CONSTRUCTION AND MAINTENANCE OF BRIDGE AGREEMENT BETWEEN THE MAYOR AND ALDERMEN OF THE CITY OF SAVANNAH, A MUNICIPAL CORPORATION CREATED AND EXISTING UNDER THE LAWS OF THE STATE OF GEORGIA AND THE COASTAL HIGHWAY DISTRICT, OF GEORGIA, A POLITICAL SUBDIVISION OF THE STATE OF GEORGIA CREATED AND EXISTING UNDER THE LAWS OF THE STATE OF GEORGIA, DATED FEBRUARY 5, 1954, FILED FOR RECORD AUGUST 16, 1954, RECORDED IN DEED BOOK 60-J, PAGE 289, CHATHAM COUNTY, GEORGIA RECORDS.
DOES NOT APPLY

22. EASEMENT BETWEEN THE MAYOR AND ALDERMEN OF THE CITY OF SAVANNAH, A MUNICIPAL CORPORATION OF THE STATE OF GEORGIA AND THE UNITED STATES OF AMERICA, DATED JULY 14,1961, RECORDED IN DEED BOOK 92-G, PAGE 554, CHATHAM COUNTY, GEORGIA RECORDS.
UNABLE TO DETERMINE LOCATION FROM DESCRIPTION

23. RIGHT-OF-WAY AND EASEMENT AGREEMENT BY AND BETWEEN THE MAYOR AND ALDERMEN OF THE CITY OF SAVANNAH, A MUNICIPAL CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF GEORGIA AND ROUTE 17A INN, INC., A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF VIRGINIA, DATED DECEMBER 15,1971, FILED FOR RECORD DECEMBER 16,1971 AT 12:50 P.M., RECORDED IN DEED BOOK 99-Z, PAGE 981, CHATHAM COUNTY, GEORGIA RECORDS.
DOES NOT APPLY

24. THOSE CERTAIN COVENANTS CONTAINED IN THAT CERTAIN DEED FROM SEABOARD SYSTEM RAILROAD, INC. TO ROBERT J. MERRITT, J. VERNON GORDY, CARROLL E. GERRALD, MICHAEL E. BART AND JOHN S. REESE, DATED APRIL 13,1984, FILED FOR RECORD MAY 31, 1984 AT 5:33 P.M., RECORDED IN DEED BOOK 123-U, PAGE 530, AFORESAID RECORDS
DOES APPLY

25. LIMIT OF ACCESS RIGHTS CONTAINED IN THE RIGHT-OF-WAY DEED FROM ROBERTJ. MERRITT, ET AL. TO THE GEORGIA DEPARTMENT OF TRANSPORTATION, DATED MARCH 9, 1988, FILED FOR RECORD MARCH 10, 1988 AT 3:43 P.M., RECORDED IN DEED BOOK 137-P, PAGE 527, AFORESAID RECORDS.
DOES APPLY

SURVEYOR'S NOTES

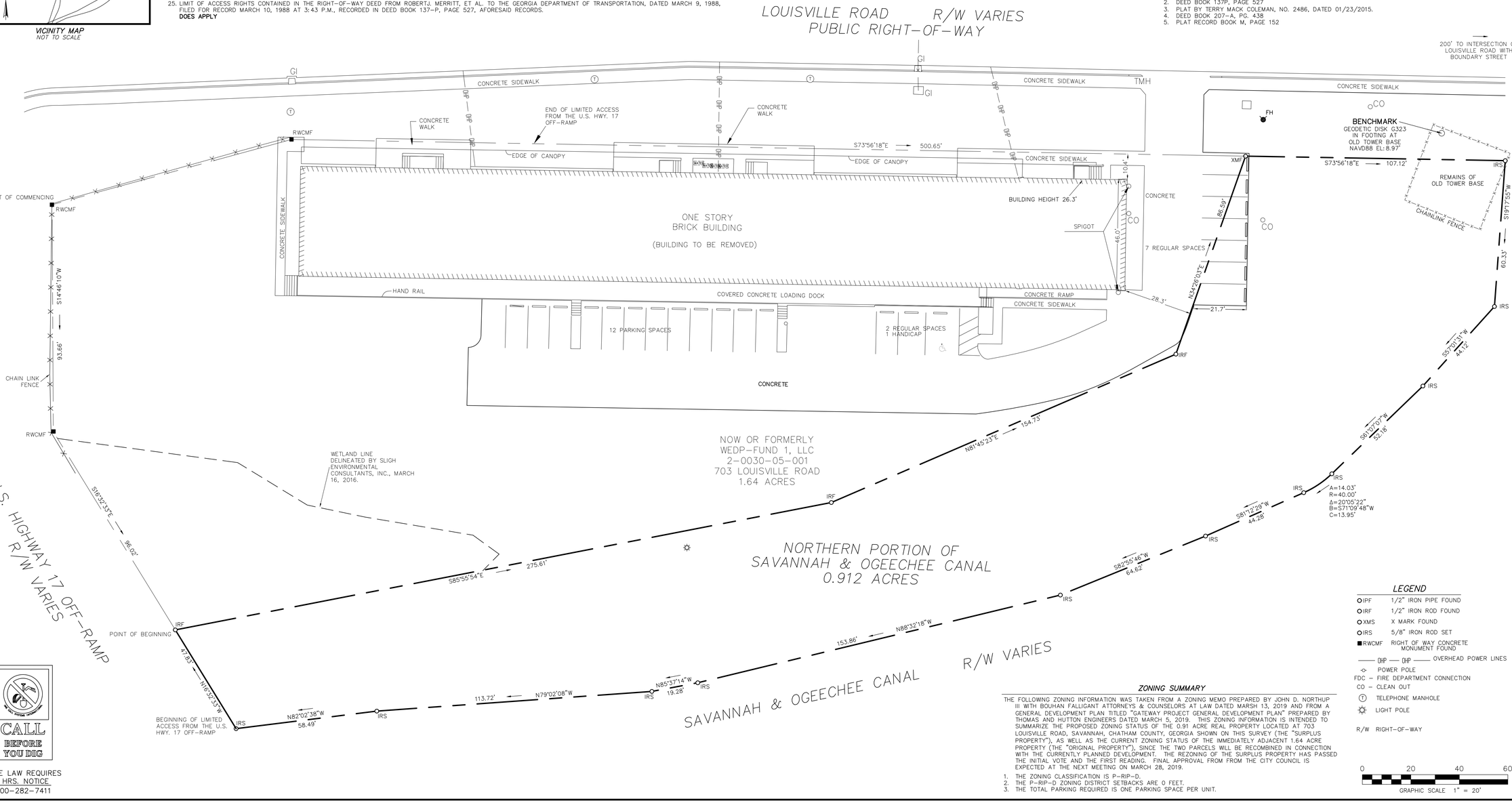
1. GROSS LAND AREA: 0.912 ACRES.
2. ACCORDING TO THE FLOOD INSURANCE RATE MAP AS PREPARED BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY, THIS PROPERTY LIES WITHIN ZONE AE, A 100 YEAR FLOOD HAZARD AREA WITH BASE FLOOD ELEVATION (BFE) 9.0. SEE COMMUNITY PANEL NO. 13051C0153G, DATED 8/16/2018.
3. ALL COORDINATES AND BEARINGS ARE BASED ON THE GEORGIA STATE PLANE COORDINATED SYSTEM, NAD83, EAST.
4. THE SURVEYED PROPERTY IS TO BE COMBINED WITH THE NORTHEN ADJACENT PROPERTY SHOWN HEREON.
5. THIS PROPERTY HAS DIRECT ACCESS TO LOUISVILLE ROAD.
6. NO EVIDENCE OF RECENT EARTH MOVING WORK, BUILDING CONSTRUCTION, OR BUILDING ADDITIONS OBSERVED IN THE PROCESS OF CONDUCTING THE FIELDWORK.
7. NO PROPOSED CHANGES IN STREET RIGHT-OF-WAY LINES ARE KNOWN. NO OBSERVED EVIDENCE OF RECENT STREET OR SIDEWALK CONSTRUCTION OR REPAIRS WERE OBSERVED IN THE PROCESS OF CONDUCTING THE FIELDWORK.
8. OBSERVED EVIDENCE OF WETLANDS AS SHOWN WERE DELINEATED BY SLIGH ENVIRONMENTAL CONSULTANTS, INC. SEE U.S. ARMY CORPS OF ENGINEERS PROJECT NUMBER SAS-2016-00681 AND LETTER DATED 5/24/2017 FOR PERMITTED WETLAND IMPACT.
9. CONCRETE PARKING AREA ENCROACHES AS SHOWN.
10. THE CERTIFICATION, AS SHOWN HEREON, IS PURELY A STATEMENT OF PROFESSIONAL OPINION BASED ON KNOWLEDGE, INFORMATION AND BELIEF, AND BASED ON EXISTING FIELD EVIDENCE AND AVAILABLE DOCUMENTS. THE CERTIFICATION IS NOT AN EXPRESSED OR IMPLIED WARRANTY OR GUARANTEE.

PROPERTY DESCRIPTION

ALL THAT CERTAIN LOT, TRACT OR PARCEL OF LAND SITUATE, LYING AND BEING IN THE CITY OF SAVANNAH, COUNTY OF CHATHAM, STATE OF GEORGIA, BEING A NORTHERN PORTION OF THE SAVANNAH & OGEECHEE CANAL RIGHT OF WAY BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:
COMMENCING AT THE EASTERN RIGHT-OF-WAY OF THE U.S. HIGHWAY 17 OFF RAMP AND THE SOUTHERN RIGHT-OF-WAY OF LOUISVILLE ROAD AT A RIGHT-OF-WAY CONCRETE MONUMENT; THENCE PROCEED ALONG SAID EASTERN RIGHT-OF-WAY OF THE U.S. HIGHWAY 17 OFF RAMP THE FOLLOWING COURSES AND DISTANCES:
THENCE S 14°46'10" W, A DISTANCE OF 93.66' TO A RIGHT-OF-WAY CONCRETE MONUMENT;
THENCE S 16°32'33" E, A DISTANCE OF 96.02' TO THE POINT OF BEGINNING;
THENCE LEAVE SAID EASTERN RIGHT-OF-WAY OF THE U.S. HIGHWAY 17 OFF RAMP AND PROCEED THE FOLLOWING COURSES AND DISTANCES:
THENCE S 85°55'54" E, A DISTANCE OF 275.61' TO A POINT;
THENCE N 81°45'23" E, A DISTANCE OF 154.73' TO A POINT;
THENCE N 34°26'03" E, A DISTANCE OF 86.59' TO A POINT ON SAID SOUTHERN RIGHT-OF-WAY OF LOUISVILLE ROAD; THENCE PROCEED ALONG SAID SOUTHERN RIGHT-OF-WAY OF LOUISVILLE ROAD S 73°56'18" E, A DISTANCE OF 107.12' TO AN IRON ROD; THENCE LEAVE SAID SOUTHERN RIGHT-OF-WAY OF LOUISVILLE ROAD AND PROCEED ALONG THE NORTHERN RIGHT-OF-WAY OF THE SAVANNAH & OGEECHEE CANAL THE FOLLOWING COURSES AND DISTANCES:
THENCE S 19°17'55" W, A DISTANCE OF 60.33' TO AN IRON ROD;
THENCE S 57°01'31" W, A DISTANCE OF 44.12' TO AN IRON ROD;
THENCE S 61°07'07" W, A DISTANCE OF 52.18' TO AN IRON ROD;
THENCE 14.03' ALONG THE ARC OF A CURVE TURNING TO THE RIGHT WITH A RADIUS OF 40.00' AND A CHORD LENGTH OF 13.95' BEARING S 71°09'48" W TO AN IRON ROD;
THENCE S 81°12'29" W, A DISTANCE OF 44.28' TO AN IRON ROD;
THENCE S 82°55'46" W, A DISTANCE OF 64.62' TO AN IRON ROD;
THENCE N 88°32'18" W, A DISTANCE OF 153.86' TO AN IRON ROD;
THENCE N 85°37'14" W, A DISTANCE OF 19.28' TO AN IRON ROD;
THENCE N 79°02'08" W, A DISTANCE OF 113.72' TO AN IRON ROD;
THENCE N 82°02'38" W, A DISTANCE OF 58.49' TO AN IRON ROD ON SAID EASTERN RIGHT-OF-WAY OF THE U.S. HIGHWAY 17 OFF RAMP; THENCE PROCEED ALONG SAID EASTERN RIGHT-OF-WAY OF THE U.S. HIGHWAY 17 OFF RAMP N 16°32'33" W A DISTANCE OF 47.83' TO THE POINT OF BEGINNING, SAID TRACT OR PARCEL OF LAND HAVING AN AREA OF 0.912 ACRES MORE OR LESS.

REFERENCES

1. PLAT RECORD BOOK 5P, PAGE 106
2. DEED BOOK 137P, PAGE 527
3. PLAT BY TERRY MACK COLEMAN, NO. 2486, DATED 01/23/2015.
4. DEED BOOK 207-A, PG. 438
5. PLAT RECORD BOOK M, PAGE 152



LEGEND

IPF	1/2" IRON PIPE FOUND
IRF	1/2" IRON ROD FOUND
XMS	X MARK FOUND
IRS	5/8" IRON ROD SET
RWCMF	RIGHT OF WAY CONCRETE MONUMENT FOUND
OHP — OHP	OVERHEAD POWER LINES
	POWER POLE
FDC	FIRE DEPARTMENT CONNECTION
CO	CLEAN OUT
T	TELEPHONE MANHOLE
	LIGHT POLE
R/W	RIGHT-OF-WAY

ZONING SUMMARY

THE FOLLOWING ZONING INFORMATION WAS TAKEN FROM A ZONING MEMO PREPARED BY JOHN D. NORTHUP III WITH BOUHAN FALLIGANT ATTORNEYS & COUNSELORS AT LAW DATED MARSH 13, 2019 AND FROM A GENERAL DEVELOPMENT PLAN TITLED "GATEWAY PROJECT GENERAL DEVELOPMENT PLAN" PREPARED BY THOMAS AND HUTTON ENGINEERS DATED MARCH 5, 2019. THIS ZONING INFORMATION IS INTENDED TO SUMMARIZE THE PROPOSED ZONING STATUS OF THE 0.91 ACRE REAL PROPERTY LOCATED AT 703 LOUISVILLE ROAD, SAVANNAH, CHATHAM COUNTY, GEORGIA SHOWN ON THIS SURVEY (THE "SURPLUS PROPERTY"), AS WELL AS THE CURRENT ZONING STATUS OF THE IMMEDIATELY ADJACENT 1.64 ACRE PROPERTY (THE "ORIGINAL PROPERTY"), SINCE THE TWO PARCELS WILL BE RECOMBINED IN CONNECTION WITH THE CURRENTLY PLANNED DEVELOPMENT. THE REZONING OF THE SURPLUS PROPERTY HAS PASSED THE INITIAL VOTE AND THE FIRST READING. FINAL APPROVAL FROM THE CITY COUNCIL IS EXPECTED AT THE NEXT MEETING ON MARCH 28, 2019.

1. THE ZONING CLASSIFICATION IS P-RIP-D.
2. THE P-RIP-D ZONING DISTRICT SETBACKS ARE 0 FEET.
3. THE TOTAL PARKING REQUIRED IS ONE PARKING SPACE PER UNIT.

0 20 40 60
GRAPHIC SCALE 1" = 20'

CALL BEFORE YOU DIG
STATE LAW REQUIRES
72 HRS. NOTICE
1-800-282-7411

GEORGIA REGISTERED PROFESSIONAL LAND SURVEYOR JAMES CRAIG BREWER

TO: WEDP-FUND I, LLC, BI 19 LLC, A FLORIDA LIMITED LIABILITY COMPANY, ITS SUCCESSORS, ASSIGNS AND/OR PARTICIPANTS AND CHICAGO TITLE INSURANCE COMPANY
I HEREBY CERTIFY THAT THIS SURVEY, PLAT AND THE SURVEY ON WHICH IT IS BASED WERE MADE IN ACCORDANCE WITH THE MINIMUM STANDARD DETAIL REQUIREMENTS FOR ALTA/NSPS LAND TITLE SURVEYS, JOINTLY ESTABLISHED AND ADOPTED BY ALTA AND NSPS, AND INCLUDES ITEMS 1, 2, 3, 4, 7a, 7b1, 7c, 8, 9, 13, 14, 16-18, & 20 OF TABLE A THEREOF. THE FIELDWORK WAS COMPLETED ON 9-19-2018.

BREWER LANDSURVEYING
P.O. Box 441
Pooler, GA 31322
craig@brewersurvey.com
Phone (912) 856-2305
www.BrewerSurvey.com

A NORTHERN PORTION OF SAVANNAH & OGEECHEE CANAL, SPRINGFIELD PLANTATION

AN ALTA/NSPS LAND TITLE SURVEY OF
WILLIAMS WARD, 2ND G. M. DISTRICT, CITY OF SAVANNAH, CHATHAM COUNTY, GEORGIA

PREPARED FOR:
WEDP-FUND I, LLC, BI 19 LLC, A FLORIDA LIMITED LIABILITY COMPANY, ITS SUCCESSORS, ASSIGNS AND/OR PARTICIPANTS, AND CHICAGO TITLE INSURANCE COMPANY

PROJECT #:	180762.3
FIELD DATE:	9/19/2018
PLAT DATE:	2/08/2019
LAST REVISED:	3/28/2019
DRAWN BY:	JCB
SCALE:	1"=20'

SHEET: 1 OF 1

Type: WD
Kind: WARRANTY DEED
Recorded: 4/27/2018 11:49:00 AM
Fee Amt: $2,650.00 Page 1 of 6
Transfer Tax: $2,630.00
Chatham, Ga. Clerk Superior Court
Tammie Mosley Clerk Superior Court

Participant ID(s): 3689977576,
7067927936

BK 1333 PG 170 - 175

STATE OF GEORGIA)
)
COUNTY OF CHATHAM)

Return to: (JPG)
Oliver Maner LLP
218 West State Street
Savannah, GA 31401
(912) 236-3311

LIMITED WARRANTY DEED

THIS DEED made this 25th day of April, 2018, between JSR PROPERTIES, LLC, a Georgia limited liability company ("Grantor"), and WEDP – FUND I, LLC, a Georgia limited liability company ("Grantee") (the words "Grantor" and "Grantee" to include their respective successors and assigns where the context requires or permits).

WITNESSETH:

THAT Grantor, for and in consideration of the sum of Ten and No/100 ($10.00) Dollars in hand paid at and before the sealing and delivery of these presents, and other good and valuable consideration, the receipt, adequacy and sufficiency of which are hereby acknowledged, has granted, bargained, sold, aliened, conveyed, transferred, and confirmed, and by these presents does grant, bargain, sell, alien, convey, transfer, and confirm unto Grantee, the following:

> ALL THAT TRACT OR PARCEL OF LAND lying and being in Williams Ward, 1st G.M. District, Savannah, Chatham County, Georgia, and being more particularly described in Exhibit "A" attached hereto and incorporated by this reference herein; TOGETHER with any and all easements, rights-of-way, appurtenances, or rights appertaining or in anywise belonging thereto; and, TOGETHER with any and all improvements, structures or fixtures located therein or thereon (the "Property").

TO HAVE AND TO HOLD the Property, together with all and singular the rights, members, hereditaments, and appurtenances thereof, to the same being or in anywise appertaining,

to the only proper use, benefit, and behoof of Grantee, forever in Fee Simple, subject only to those matters (hereinafter referred to as "Permitted Exceptions") set forth in the attached Exhibit "B", which Exhibit is incorporated herein.

AND, Grantor will WARRANT and forever DEFEND the right and title to the Property unto Grantee against the claims of all persons owning, holding or claiming by, through, or under Grantor, except for claims arising under or by virtue of the Permitted Exceptions.

IN WITNESS WHEREOF, Grantor has caused this Limited Warranty Deed to be executed and delivered under seal on the day and year first above written.

JSR PROPERTIES, LLC,
a Georgia limited liability company

By: _____
John S. Reese, Sole Manager/Member
(Manager Certification Attached)

(SEAL)

Signed, sealed and delivered
on the 25th day of April,
2018, in the presence of:

_____
Witness

_____
Notary Public

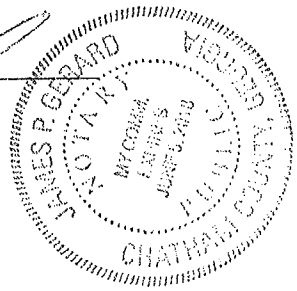


EXHIBIT "A"

Legal Description

All that certain lot, tract or parcel of land situate, lying and being in Williams Ward, 1st G.M. District, Savannah, Chatham County, Georgia, and being shown as Lots 8 through 13 of the R. L. Pritchard Subdivision of Lot 18 of Springfield Plantation, Lots "B" through "K" and a portion of Lot "A" of a subdivision of Lot 19, Springfield Plantation, and a portion of the former Springfield Canal right of way and being more particularly described as follows:

Beginning at a concrete monument located at the intersection of the southern right of way line of Louisville Road with the western right of way line of the Savannah and Ogeechee Canal; thence South 37 degrees 10 minutes 10 seconds West along the western right of way line of the Savannah and Ogeechee Canal a distance of 114.82 feet to a concrete monument; thence continuing along said right of way line (which at this point becomes the northern right of way line) South 84 degrees 29 minutes 50 seconds West a distance of 154.73 feet to a concrete monument; thence continuing along the northern right of way line of the Savannah and Ogeechee Canal North 83 degrees 06 minutes 05 second West a distance of 1,145.98 feet to a concrete monument that marks the intersection of the northern right of way line of the Savannah and Ogeechee Canal with the eastern right of way line of Pritchard Street; thence North 20 degrees 23 minutes 25 seconds East along the eastern right of way line of Pritchard Street a distance of 214.81 feet to a concrete monument; thence South 71 degrees 10 minutes 00 seconds East a distance of 66.04 feet to a concrete monument; thence South 71 degrees 10 minutes 00 seconds East a distance of 66.04 feet to a concrete monument; thence North 32 degrees 59 minutes 20 seconds East a distance of 97.98 feet to a concrete monument; thence South 71 degrees 10 minutes 00 seconds East a distance of 145.38 feet to a concrete monument; thence North 18 degrees 50 minutes 00 seconds East a distance of 100.00 feet to a concrete monument on the southern right of way line of Louisville Road; thence South 71 degrees 10 minutes 00 seconds East along the southern right of way line of Louisville Road a distance of 1,057.10 feet to the Point of Beginning; containing 7.25 acres, more or less, as shown on a plat of survey dated January 16, 1984, revised March 6, 1984, prepared by Helmly & Associates, Inc., and recorded in the Office of the Clerk of the Superior Court of Chatham County, Georgia, in Plat Record Book 5-P, Page 106.

LESS AND EXCEPT the following:

All that certain lot, tract or parcel of land situate, lying and being in Williams Ward, 1st G.M. District, Savannah, Chatham County, Georgia, measuring 4.69 acres, more or less, conveyed as part of the Talmadge Bridge Replacement Project No. BRF-009-2(61) in a Right of Way Deed to the Georgia Department of Transportation dated March 9, 1988, filed for record and recorded on March 10, 1988, in the Office of the Clerk of the Superior Court of Chatham County, Georgia, in Deed Record Book 137-P, Page 527, as more particularly shown on the plat attached to said right of way deed dated July 17, 1985, and revised February 18, 1988.

FURTHER LESS AND EXCEPT the following:

All that certain lot, tract, or parcel of land situate, lying and being in Williams Ward, 1st G.M. District, Savannah, Chatham County, Georgia, known as Lot A of a portion of Lots 8 through 13 of the R.L. Pritchard Subdivision of Lot 18 of Springfield Plantation, and a portion of Lot A of a subdivision of Lot 19, Springfield Plantation, consisting of 1.436 acres, and being more particularly shown on a plat prepared by Carl L. Jackson, Georgia Registered Land Surveyor No. 2555, and recorded in the Office of the Clerk of the Superior Court of Chatham County, Georgia, in Plat Record Book 16-P, Page 77, to which express reference is hereby made for a more particular description of the excepted Lot A, being conveyed to Diane Brannen by a warranty deed from Robert J. Merritt, J. Vernon Gordy, Michael E. Bart, and John S. Reese, dated September 30, 1999, filed for record and recorded on October 1, 1999, in the aforesaid Clerk's Office in Deed Record Book 207-A, Page 438.

EXHIBIT "B"

Permitted Exceptions

1. County and City taxes for 2018 and for all subsequent years, and any additional taxes which may result from reassessment of the subject property are inchoate liens but not due or payable.

2. The exact amount of acreage contained in the subject property.

3. Those certain covenants contained in that certain deed from Seaboard System Railroad, Inc. to Robert J. Merritt, J. Vernon Gordy, Carroll E. Gerrald, Michael E. Bart, and John S. Reese, dated April 13, 1984, recorded in Deed Book 123-U, Page 530, in the Office of the Clerk of the Superior Court of Chatham County, Georgia.

4. Limitation of Access Rights contained in the Right of Way Deed to the Department of Transportation dated March 9, 1988, recorded in Deed Book 137-P, Page 527, in the Office of the Clerk of the Superior Court of Chatham County, Georgia.

5. All those matters shown upon that certain map or plat surveyed for Seaboard System Railroad, prepared by Helmly & Associates, Inc., dated January 10, 1984, revised March 6, 1984, and recorded in Plat Book 5-P, Page 106-A, in the Office of the Clerk of the Superior Court of Chatham County, Georgia.

6. All those matters shown upon that certain map or plat of subject property entitled "An ALTA/SPA Land Title Survey of Portions of Lots G, H, I, J, & K Being A Subdivision of Lot 19, Springfield Plantation, Williams Ward, 2nd G.M. District, City of Savannah, Chatham County, Georgia," dated May 3, 2017, last revised February 23, 2018, prepared by Brewer Land Surveying, including, without limitation, the following:

(a) overhead power lines located in the northern portion of subject property;
(b) 6' chain-link fence running along the western portion of subject property;
(c) parking spaces located partly on and partly off the eastern portion of subject property;
(d) Wetlands located in the southwestern portion of subject property;
(e) concrete walks along northern boundary encroach over boundary line; and,
(f) Surveyor's Notes state the property lies within a special flood hazard zone.

MANAGER CERTIFICATION FOR
JSR PROPERTIES, LLC

I, John S. Reese, hereby certify that I am the sole Manager of JSR Properties, LLC, a Georgia limited liability company (the "Company"); that as such, I am familiar with the proceedings of that Company; that pursuant to the requirement of the Company's Operating Agreement, effective August 23, 2007(the "Operating Agreement"), this instrument acknowledges my approval, as the Company's Manager, of the sale of certain real property consisting of approximately 1.54 acres, known as Lots 8 through 13 of the R.L. Pritchard Subdivision of Lot 18 of Springfield Plantation Lots "B" through "K" and a portion of Lot "A" of a subdivision of Lot 19, Springfield, and a portion of the former Springfield Canal right of way, in Williams Ward, 2nd G.M. District, Savannah, Chatham County, Georgia, a/k/a 703 Louisville Road, Savannah, Georgia 31415, pursuant to a Purchase and Sale Agreement dated October 16, 2017, by and between the Company, as seller, and Demoura Holdings, LLC, as purchaser, as amended by that certain First Amendment to Purchase and Sale Agreement dated February 11, 2018, and as assigned with respect to the purchaser's rights and obligations thereunder from Demoura Holdings, LLC, to WEDP-FUND I, LLC; and that pursuant to Paragraph 4.1 of the Operating Agreement, I, as the Manager of the Company, acting alone, am authorized, empowered and directed to execute and deliver, on behalf of the Company, the closing statement, the deed and such other documents, instruments, certificates and agreements to be signed in connection with the sale, along with any amendments or supplements thereto, and assignments or terminations thereof.

I further certify that:

1. All documents executed by the Company shall be conclusively presumed to be the act of the Company and fully authorized by the members of the Company.

2. The Company is in good standing with all license, income and franchise taxes paid.

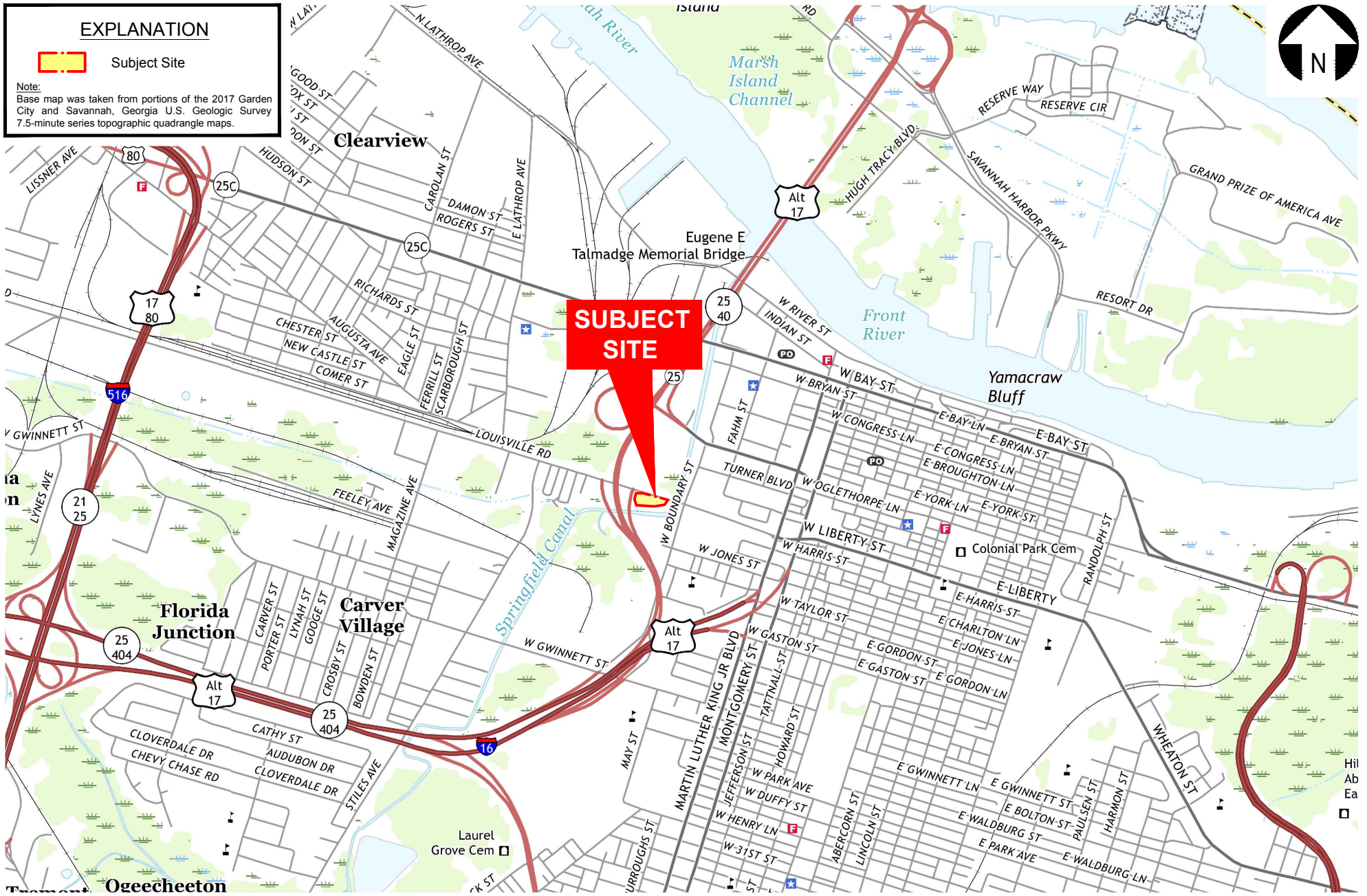
3. No proceeding for the dissolution or liquidation of the Company has been commenced or is pending.

WITNESS my hand and seal as of this 25th day of April, 2018.

_____ (L.S.)
John R. Reese

APPENDIX C

FIGURES



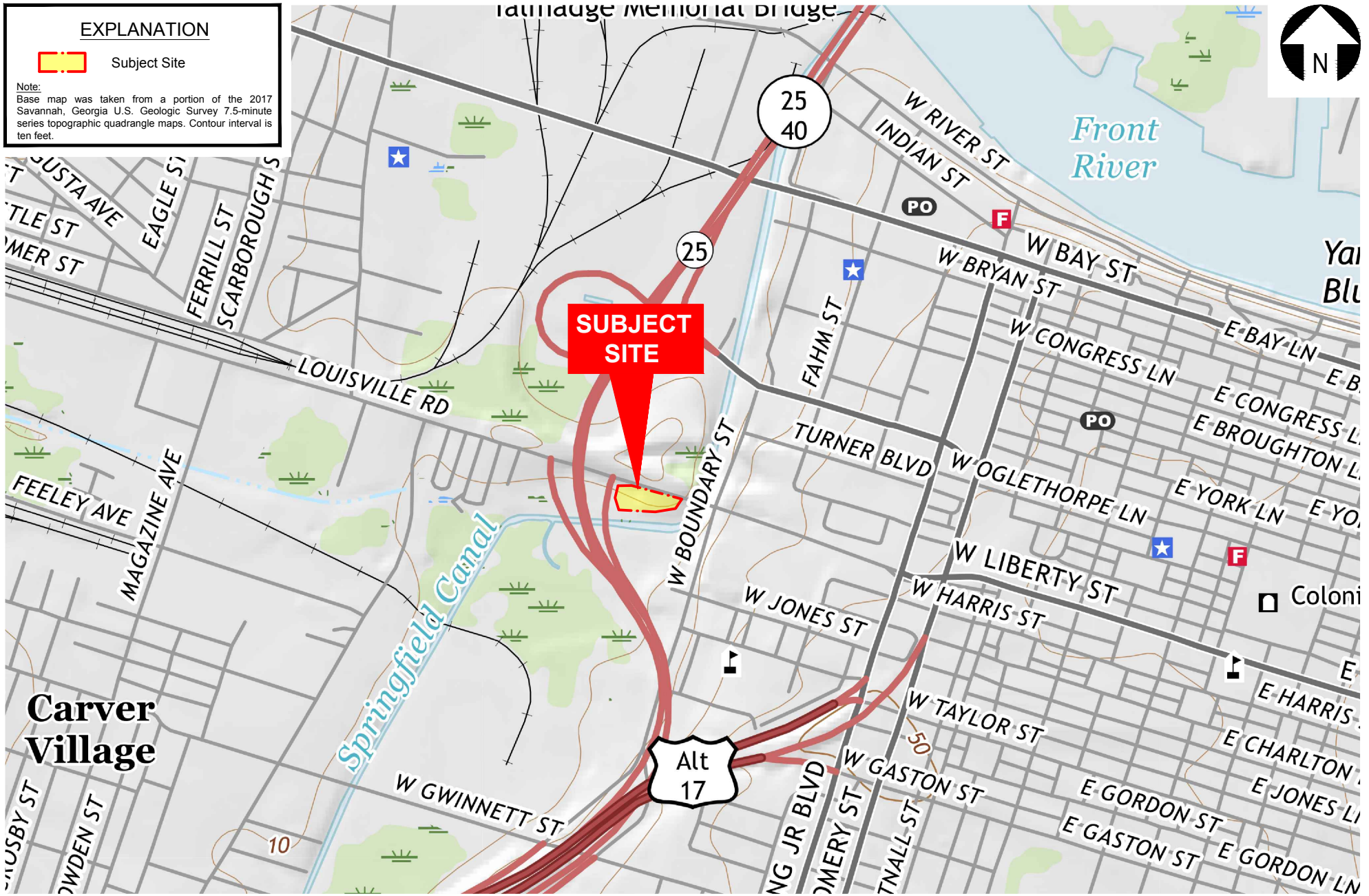
Project Mngr:	JJJ	Project No.	ES187351
Drawn By:	MLM	Scale:	AS SHOWN
Checked By:	JJJ	File Name:	ES187351.dwg
Approved By:	SAD	Date:	April 26, 2019

Terracon
Consulting Engineers & Scientists
2201 Rowland Avenue, Savannah, Georgia 31404
Phone (912) 629 4000, Fax. (912) 629 4001

GENERAL VICINITY MAP

Former Seaboard Freight Station
703 Louisville Road
Savannah, Chatham County, Georgia

Figure 1



0 500' 1,000'
1" = 1,000'
SCALE IN FEET

Project Mngr:	JJJ
Drawn By:	MLM
Checked By:	JJJ
Approved By:	SAD

Project No.	ES187351
Scale:	AS SHOWN
File Name:	ES187351.dwg
Date:	April 26, 2019

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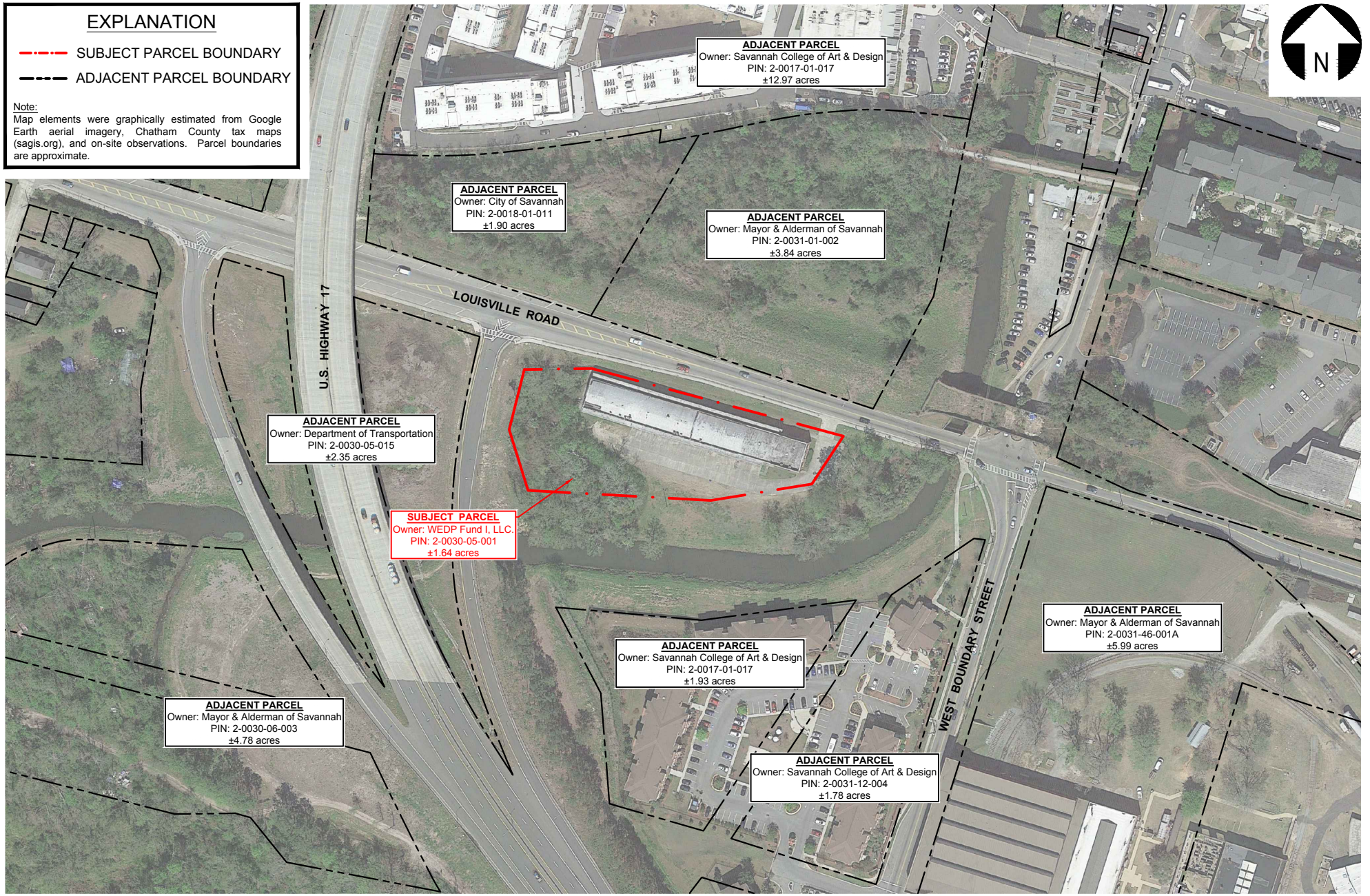
TOPOGRAPHIC MAP

Former Seaboard Freight Station
703 Louisville Road
Savannah, Chatham County, Georgia

Figure
2



0 30' 60'

1" = 60'

SCALE IN FEET

Project Mngr:	JJJ	Project No.	ES187351
Drawn By:	MLM	Scale:	AS SHOWN
Checked By:	JJJ	File Name:	ES187351.dwg
Approved By:	SAD	Date:	May 7, 2019

Terracon
Consulting Engineers & Scientists
2201 Rowland Avenue Savannah, Georgia 31404
Phone (912) 629 4000 Fax. (912) 629 4001

SITE DIAGRAM

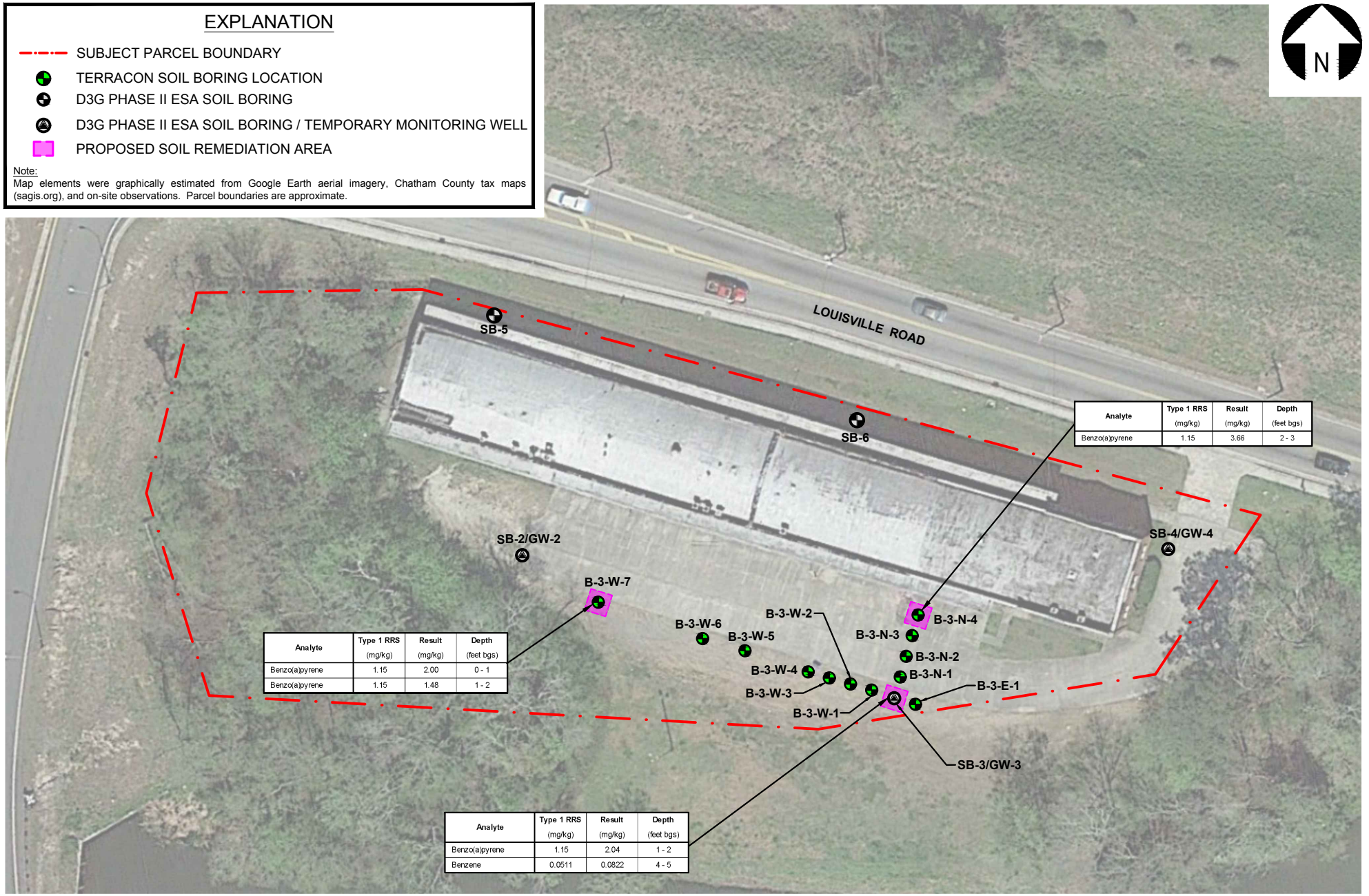
Former Seaboard Freight Station
703 Louisville Road
Savannah, Chatham County, Georgia

Figure
3

EXPLANATION

- SUBJECT PARCEL BOUNDARY
- TERRACON SOIL BORING LOCATION
- D3G PHASE II ESA SOIL BORING
- D3G PHASE II ESA SOIL BORING / TEMPORARY MONITORING WELL
- PROPOSED SOIL REMEDIATION AREA

Note:
Map elements were graphically estimated from Google Earth aerial imagery, Chatham County tax maps (sagis.org), and on-site observations. Parcel boundaries are approximate.



Analyte	Type 1 RRS (mg/kg)	Result (mg/kg)	Depth (feet bgs)
Benzo(a)pyrene	1.15	3.66	2 - 3

Analyte	Type 1 RRS (mg/kg)	Result (mg/kg)	Depth (feet bgs)
Benzo(a)pyrene	1.15	2.00	0 - 1
Benzo(a)pyrene	1.15	1.48	1 - 2

Analyte	Type 1 RRS (mg/kg)	Result (mg/kg)	Depth (feet bgs)
Benzo(a)pyrene	1.15	2.04	1 - 2
Benzene	0.0511	0.0822	4 - 5

0 30' 60'
1" = 60'
SCALE IN FEET

Project Mngr:	JJJ
Drawn By:	MLM
Checked By:	JJJ
Approved By:	SAD

Project No.	ES187351
Scale:	AS SHOWN
File Name:	ES187351.dwg
Date:	May 7, 2019

Terracon
Consulting Engineers & Scientists
2201 Rowland Avenue Savannah, Georgia 31404
Phone (912) 629 4000 Fax. (912) 629 4001

SAMPLE LOCATION MAP

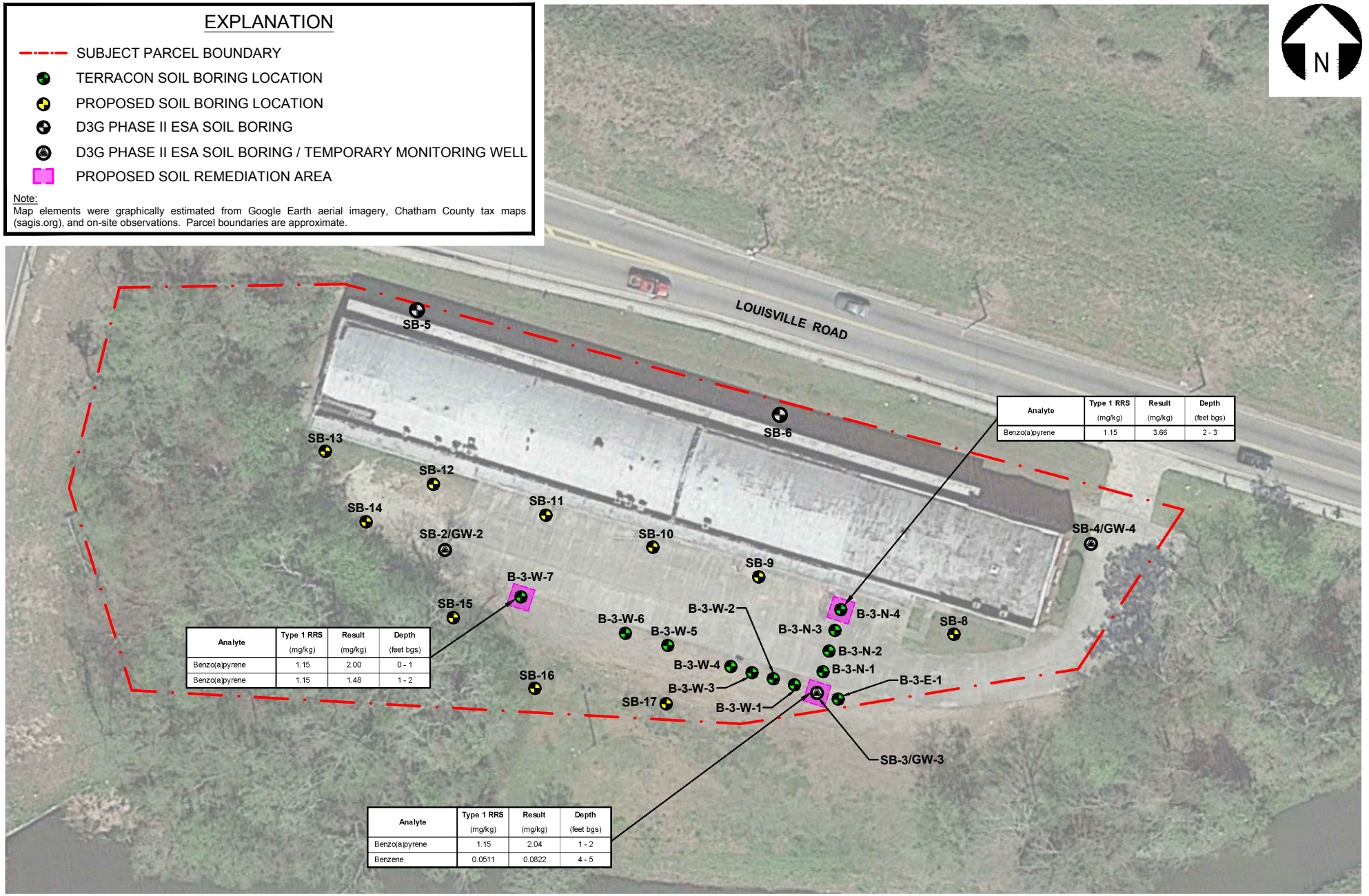
Former Seaboard Freight Station
703 Louisville Road
Savannah, Chatham County, Georgia

Figure
4

EXPLANATION

- SUBJECT PARCEL BOUNDARY
- TERRACON SOIL BORING LOCATION
- PROPOSED SOIL BORING LOCATION
- D3G PHASE II ESA SOIL BORING
- D3G PHASE II ESA SOIL BORING / TEMPORARY MONITORING WELL
- PROPOSED SOIL REMEDIATION AREA

Note:
Map elements were graphically estimated from Google Earth aerial imagery, Chatham County tax maps (sagis.org), and on-site observations. Parcel boundaries are approximate.



0 30' 60'
1" = 60'
SCALE IN FEET

Project Mngr:	JJJ	Project No.	ES187351
Drawn By:	MLM	Scale:	AS SHOWN
Checked By:	JJJ	File Name:	ES187351.dwg
Approved By:	SAD	Date:	May 7, 2019

Terracon
Consulting Engineers & Scientists
2201 Rowland Avenue Savannah, Georgia 31404
Phone (912) 629 4000 Fax. (912) 629 4001

PROPOSED SAMPLE LOCATION MAP

Former Seaboard Freight Station
703 Louisville Road
Savannah, Chatham County, Georgia

Figure
5

APPENDIX D

TABLES

Former Seaboard Freight Station

703 Louisville Road
Savannah, Chatham County, Georgia
Terracon Project No. ES187351

TABLE 1: SUMMARY OF SOIL SAMPLE ANALYTICAL RESULTS

Compound	Georgia EPD HSRA Type 1 RRS	SB-2 1 -3 ft bgs (mg/kg)	SB-2 6 -8 ft bgs (mg/kg)	SB-3 1 - 2 ft bgs (mg/kg)	SB-3 4 - 5 ft bgs (mg/kg)	SB-4 1 - 3 ft bgs (mg/kg)	SB-5 1 - 3 ft bgs (mg/kg)	SB-6 1 - 3 ft bgs (mg/kg)	B-3-N-2-1 0 - 1 ft bgs (mg/kg)	B-3-N-2-2 1 - 2 ft bgs (mg/kg)	B-3-N-4-1 1 - 2 ft bgs (mg/kg)	B-3-N-4-2 2 - 3 ft bgs (mg/kg)	B-3-W-4-1 0 - 1 ft bgs (mg/kg)	B-3-W-4-2 1 - 2 ft bgs (mg/kg)	B-3-W-7-1 0 - 1 ft bgs (mg/kg)	B-3-W-7-2 1 - 2 ft bgs (mg/kg)
Resource Conservation and Recovery Act (RCRA) Metals - USEPA Methods 6010B & 7471A																
Arsenic	20.0	**9.88**	ns	**4.99**	ns	**3.65**	**0.982 J**	**1.24 J**	ns	ns	ns	ns	ns	ns	ns	ns
Barium	1,600	**114**	ns	**49.9**	ns	**42.2**	**11.6**	**12.5**	ns	ns	ns	ns	ns	ns	ns	ns
Cadmium	7.50	**0.565**	ns	**0.966**	ns	<0.0902	**0.204 J**	**0.087 J**	ns	ns	ns	ns	ns	ns	ns	ns
Chromium	100	**9.66**	ns	**10.5**	ns	**13.4**	**4.53**	**6.41**	ns	ns	ns	ns	ns	ns	ns	ns
Lead	270	**650**	ns	**72.4**	ns	**17.1**	**4.96**	**11.0**	ns	ns	ns	ns	ns	ns	ns	ns
Mercury	2.10	**0.971**	ns	**0.151**	ns	**0.0469**	<0.0221	<2.29	ns	ns	ns	ns	ns	ns	ns	ns
Total Petroleum Hydrocarbons (TPH) - USEPA Method 8015																
TPH - DRO	--	**53.9**	**3.08 J**	**79.6**	**10.8**	**2.20 J**	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
TPH - GRO	--	<0.0258	<0.0275	**4.55**	**1.34**	**0.0610 J**	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
Volatile Organic Compounds (VOCs) - USEPA Method 8260B																
Acetone	57.4	ns	<0.0174	ns	**0.0677**	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
Isopropylbenzene	21.9	ns	<0.00109	ns	**0.00176 J**	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
p-Isopropyltoluene	--	ns	**0.0441**	ns	**0.0508**	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
2-Butanone (MEK)	23.4	ns	**0.0318**	ns	**0.0685**	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
Methyl tert-butyl ether	--	ns	<0.000374	ns	**0.0790**	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
Naphthalene	100	ns	<0.00396	ns	**0.179**	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
n-Propylbenzene	--	ns	<0.00150	ns	**0.00254 J**	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
1,2,4-Trimethylbenzene	--	ns	<0.00147	ns	**0.1940**	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
1,2,3-Trimethylbenzene	--	ns	<0.00146	ns	**0.00710 J**	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
1,3,5-Trimethylbenzene	--	ns	<0.00137	ns	**0.00597 J**	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
Benzene	0.0511	ns	<0.000508	ns	**0.0822**	ns	ns	ns	**0.000764**	**0.0509**	<0.00131	**0.00153 J**	**0.00448 J**	**0.00163 J**	**0.00103 J**	**0.0178 J**
Ethylbenzene	20.0	ns	<0.000672	ns	**0.143**	ns	ns	ns	**0.000370**	**0.00229 J**	<0.000440	**0.000444 J**	<0.000230	**0.000399 J**	**0.000498 J**	**0.000513 J**
Toluene	14.4	ns	<0.00159	ns	**0.128**	ns	ns	ns	<0.00120	**0.00713**	<0.00280	**0.00177 J**	**0.00188 J**	**0.00128 J**	<0.00160	**0.00154 J**
Xylenes (Total)	197.9	ns	<0.00606	ns	**0.477**	ns	ns	ns	<0.001460	**0.002054 J**	<0.00339	**0.00258 J**	<0.00174	<0.00122	<0.00190	<0.001492
Polycyclic Aromatic Hydrocarbons (PAHs) - USEPA Method 8270C - SIM																
1-Methylnaphthalene	--	**0.171**	<0.00254	**0.949**	**0.0154 J**	<0.00258	<0.0221	**0.00584 J**	**0.755**	**0.0405**	**0.999**	**0.883**	**0.667**	<0.386	**0.756**	**0.800**
2-Methylnaphthalene	--	**0.190**	<0.00254	**1.09**	**0.0417**	<0.00258	<0.0221	**0.00733 J**	**0.857**	**0.508**	**1.14**	**1.08**	**0.777**	<0.405	**0.889**	**0.935**
Acenaphthene	300	**0.218**	<0.000761	**0.0221**	**0.0157**	<0.000773	<0.00664	<0.00687	<0.0675	<0.0146	<0.0741	<0.0675	<0.675	<0.0663	<0.679	<0.0678
Acenaphthylene	130	**0.00505 J**	<0.000761	**0.481**	**0.0362**	<0.000773	<0.00664	<0.00687	<0.0769	<0.0166	**0.0949**	**0.637**	**0.140 J**	<0.0755	**0.399 J**	**0.270 J**
Anthracene	500	**0.132**	<0.000761	**0.424**	**0.188**	<0.000773	<0.00664	**0.00126 J**	<0.0669	**0.0204 J**	<0.0735	**0.418 J**	**0.187 J**	<0.0657	**0.364 J**	**0.213 J**
Benzo(a)anthracene	5	**0.525**	<0.000761	**2.12**	**0.0362**	**0.00107 J**	**0.00143 J**	**0.00531 J**	**0.251 J**	**0.154**	**0.480 J**	**2.72**	**0.803**	**0.358 J**	**1.90**	**1.36**
Benzo(a)pyrene	1.15	**0.442**	<0.000761	**2.04**	**0.928**	**0.000856 J**	**0.00166 J**	**0.00579 J**	**0.188 J**	**0.157**	**0.407 J**	**3.66**	**0.848**	**0.353 J**	**2.00**	**1.48**
Benzo(b)fluoranthene	11.5	**0.729**	<0.000761	**3.45**	**1.07**	**0.00146 J**	**0.00273 J**	**0.0100**	**0.335 J**	**0.295**	**0.85**	**7.33**	**1.59**	**0.565**	**3.12**	**2.44**
Benzo(g,h,i)perylene	500	**0.331**	<0.000761	**1.30**	**0.459**	**0.00100 J**	**0.00295 J**	**0.00661 J**	**0.182 J**	**0.178**	**0.38**	**3.08**	**0.721**	**0.271 J**	**1.48**	**1.07**
Benzo(k)fluoranthene	115	**0.197**	<0.000761	**1.36**	**0.444**	**0.000791 J**	**0.000809 J**	**0.00298 J**	**0.182 J**	**0.126**	**0.42**	**3.01**	**0.504**	**0.244 J**	**1.21**	**0.863**
Chrysene	1,150	**0.532**	<0.000761	**1.60**	**0.894**	**0.00127 J**	**0.00163 J**	**0.00690**	**0.335 J**	**0.224**	**0.585**	**3.68**	**1.05**	**0.406 J**	**2.22**	**1.78**
Dibenzo(a,h)anthracene	1.15	**0.0977**	<0.000761	**0.472**	**0.139**	<0.000773	<0.00664	**0.00139 J**	<0.0957	**0.0331 J**	<0.105	**0.542 J**	**0.168 J**	<0.0939	**0.350 J**	**0.273 J**
Fluoranthene	1,780	**0.703**	<0.000761	**2.39**	**1.69**	**0.00198 J**	**0.00287 J**	**0.0107**	**0.350**	**0.360**	**0.565**	**3.62**	**1.61**	**0.425 J**	**3.32**	**2.29**
Fluorene	360	**0.0246**	<0.000761	**0.0220**	**0.0379**	<0.000773	<0.00664	<0.00687	<0.314	<0.0678	<0.345	<0.314	<0.314	<0.308	<0.316	<0.315
Indeno(1,2,3-cd)pyrene	11.5	**0.264**	<0.000761	**1.19**	**0.414**	**0.000800 J**	**0.00136 J**	**0.00442 J**	**0.120 J**	**0.134**	**0.256**	**2.43**	**0.587**	**0.209 J**	**1.20**	**0.877**
Naphthalene	100	**0.177**	<0.00254	**0.763**	**0.171**	<0.00258	<0.0221	**0.00664 J**	**0.62**	**0.328**	**0.707**	**0.760**	**0.615**	**0.229 J**	**0.680**	**0.691**
Phenanthrene	110	**0.433**	<0.000761	**0.610**	**0.476**	**0.00106 J**	**0.00116 J**	**0.00851**	**0.679**	**0.368**	**1.00**	**0.928**	**1.45**	**0.353 J**	**1.97**	**1.42**
Pyrene	500	**0.770**	**0.000804**	**3.48**	**1.53**	**0.00181 J**	**0.0026 J**	**0.00943**	**0.335 J**	**0.322**	**0.630**	**4.60**	**1.48**	**0.514**	**3.18**	**2.26**

NOTES:

mg/kg = milligrams per kilogram

ft bgs = feet below ground surface

BOLD = Concentration detected above laboratory method detection limit (MDL)

RED = Concentration detected above Type 1 RRS

< = Laboratory analytical result is below laboratory reporting limit

J = Reported value is between the MDL and the practical quantitation limit (RL)

-- = No Type 1 RRS currently established for this compound

ns = Sample not analyzed for particular constituent

RRS = Risk Reduction Standard

EPD = Environmental Protection Division

HSRA = Hazardous Site Response Act

Former Seaboard Freight Station

703 Louisville Road
Savannah, Chatham County, Georgia
Terracon Project No. ES187351

TABLE 2: SUMMARY OF GROUNDWATER SAMPLE ANALYTICAL RESULTS

Compound	Georgia EPD HSRA Type 1 RRS	GW-1 10 ft bgs (µg/L)	GW-2 10 ft bgs (µg/L)	GW-3 9 ft bgs (µg/L)	GW-4 9 ft bgs (µg/L)
Total Petroleum Hydrocarbons (TPH) - USEPA Methods 3511 & 8015					
TPH - High Fraction	--	**177**	**281**	**211 J**	**213**
Polycyclic Aromatic Hydrocarbons (PAHs) - USEPA Method 8270C - SIM					
1-Methylnaphthalene	--	**0.0135 J**	**0.0553 J**	**0.0246 J**	**0.0473 J**
2-Methylnaphthalene	--	**0.0169 J**	**0.0422 J**	**0.0332 J**	**0.0753 J**
Acenaphthene	540	<0.0500	**0.102**	<0.0105	<0.0100
Anthracene	--	<0.0500	**0.0662 J**	<0.0147	<0.0140
Benzo(a)anthracene	0.300	<0.0500	**0.0206 J**	**0.0218 J**	**0.0195 J**
Benzo(a)pyrene	0.200	<0.0500	<0.0154	0.0157J	**0.0128 J**
Benzo(b)fluoranthene	2.50	**0.00789 J**	**0.0144 J**	**0.0243 J**	**0.0200 J**
Benzo(g,h,i)perylene	--	<0.0500	**0.0109 J**	**0.0127 J**	**0.0158 J**
Chrysene	250	<0.0500	<0.0144	0.0163 J	**0.0159 J**
Fluoranthene	800	<0.0500	**0.0963**	<0.0165	<0.0157
Fluorene	290	**0.00956 J**	**0.121**	<0.00892	**0.00881 J**
Naphthalene	6.10	**0.0702 J**	**0.127 J**	**0.102 J**	**0.157 J**
Phenanthrene	--	**0.0179 J**	**0.318**	**0.0297 J**	<0.00820
Pyrene	120	<0.0500	**0.0711**	**0.0401 J**	**0.0288 J**

NOTES:

µg/L = micrograms per liter

ft bgs = feet below ground surface

BOLD = Concentration detected above laboratory method detection limit (MDL)

< = Laboratory analytical result is below laboratory reporting limit

J = Reported value is between the MDL and the practical quantitation limit (RL)

-- = No Type 1 RRS currently established for this compound

RRS = Risk Reduction Standard

EPD = Environmental Protection Division

HSRA = Hazardous Site Response Act

Former Seaboard Freight Station

703 Louisville Road
Savannah, Chatham County, Georgia
Terracon Project No. ES187351

TABLE 3: SUMMARY OF FIELD SCREENING RESULTS

Location	B-3-N-1	B-3-N-2	B-3-N-3	B-3-N-4	B-3-E-1	B-3-W-1	B-3-W-2	B-3-W-3	B-3-W-4	B-3-W-5	B-3-W-6	B-3-W-7
0 - 1 ft bgs	--	--	--	25.8	33.1	167.1	46.9	66.3	**38.4**	33.1	34.1	**38.8**
1 - 2 ft bgs	20.4	**12.0**	19.7	**42.0**	42.1	199.2	49.4	R	**78.8**	R	32.8	**41.2**
2 - 3 ft bgs	20.8	**15.8**	38.1	**36.9**	41.4	172.4	30.4	--	R	--	30.9	39.8
3 - 4 ft bgs	15.1	S	S	45.6	R	119.1	41.2	--	--	--	R	R

Notes:

Bold = Soil sample collected for laboratory analysis.

= Exceeds Type I RRS

= Below Type I RRS

RRS = Risk Reduction Standard

-- = Not screened

ft bgs = feet below ground surface

R = hand auger refusal

S = saturated soil

APPENDIX E

LABORATORY ANALYTICAL REPORTS

ANALYTICAL REPORT

June 20, 2018

Dominion Due Diligence Group

Sample Delivery Group:	L1001666
Samples Received:	06/14/2018
Project Number:	2018-001031
Description:	Proposed Seaboard Station Apartments

Report To:

Ms. Diane Groom
201 Wylderose Dr
Midlothian, VA 23113

Entire Report Reviewed By:

T. Alan Harvill
Technical Service Representative

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by ESC is performed per guidance provided in laboratory standard operating procedures: 060302, 060303, and 060304.

GW-1 L1001666-01 GW

Collected by: Diane E. Groom | Collected date/time: 06/13/18 08:20 | Received date/time: 06/14/18 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1126134	1	06/18/18 14:51	06/18/18 14:51	LRL
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1124939	1	06/15/18 03:51	06/15/18 03:51	LRL
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG1125732	1.14	06/17/18 08:13	06/18/18 01:34	SHG
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1125717	1	06/17/18 08:11	06/17/18 16:26	KM

GW-2 L1001666-02 GW

Collected by: Diane E. Groom | Collected date/time: 06/13/18 08:54 | Received date/time: 06/14/18 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1126134	1	06/18/18 15:15	06/18/18 15:15	LRL
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1124939	1	06/15/18 04:11	06/15/18 04:11	LRL
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG1125732	1.43	06/17/18 08:13	06/18/18 01:51	SHG
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1125717	1.33	06/17/18 08:11	06/17/18 16:48	KM

GW-3 L1001666-03 GW

Collected by: Diane E. Groom | Collected date/time: 06/13/18 09:36 | Received date/time: 06/14/18 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1126134	1	06/18/18 15:40	06/18/18 15:40	LRL
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1124939	1	06/15/18 04:32	06/15/18 04:32	LRL
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG1125732	2.42	06/17/18 08:13	06/18/18 02:08	SHG
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1125717	1.05	06/17/18 08:11	06/17/18 17:10	KM

GW-4 L1001666-04 GW

Collected by: Diane E. Groom | Collected date/time: 06/13/18 10:00 | Received date/time: 06/14/18 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1126134	1	06/18/18 16:18	06/18/18 16:18	LRL
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1124939	1	06/15/18 04:53	06/15/18 04:53	LRL
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG1125732	1.33	06/17/18 08:13	06/18/18 02:25	SHG
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1125717	1	06/17/18 08:11	06/17/18 17:32	KM

TB COOLER 1 L1001666-05 GW

Collected by: Diane E. Groom | Collected date/time: 06/13/18 12:40 | Received date/time: 06/14/18 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1124939	1	06/15/18 01:23	06/15/18 01:23	LRL

SB-1 L1001666-06 Solid

Collected by: Diane E. Groom | Collected date/time: 06/13/18 08:20 | Received date/time: 06/14/18 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Total Solids by Method 2540 G-2011	WG1125517	1	06/19/18 09:01	06/19/18 09:09	KDW
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1126298	1	06/13/18 08:20	06/19/18 02:30	LRL
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1125376	1	06/13/18 08:20	06/16/18 03:13	BMB
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1124831	20	06/14/18 22:41	06/15/18 15:33	MTJ
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1125931	1	06/17/18 18:31	06/18/18 06:17	KM

SB-2 SHALLOW L1001666-07 Solid

Collected by: Diane E. Groom | Collected date/time: 06/13/18 08:35 | Received date/time: 06/14/18 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Total Solids by Method 2540 G-2011	WG1125517	1	06/19/18 09:01	06/19/18 09:09	KDW
Mercury by Method 7471A	WG1125876	1	06/18/18 09:25	06/19/18 09:32	EL
Metals (ICP) by Method 6010B	WG1124879	1	06/17/18 13:58	06/19/18 23:48	CCE
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1126298	1	06/13/18 08:35	06/19/18 02:51	LRL
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1124831	10	06/14/18 22:41	06/15/18 17:11	MTJ
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1125931	1	06/17/18 18:31	06/18/18 06:38	KM

SB-2 DEEP L1001666-08 Solid

Collected by: Diane E. Groom | Collected date/time: 06/13/18 08:45 | Received date/time: 06/14/18 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Total Solids by Method 2540 G-2011	WG1125517	1	06/19/18 09:01	06/19/18 09:09	KDW
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1126611	1	06/13/18 08:45	06/19/18 16:50	BMB
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1126338	1	06/13/18 08:45	06/19/18 00:47	DWR
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1124831	1	06/14/18 22:41	06/15/18 12:49	MTJ
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1125931	1	06/17/18 18:31	06/18/18 04:49	KM

SB-3 SHALLOW L1001666-09 Solid

Collected by: Diane E. Groom | Collected date/time: 06/13/18 09:00 | Received date/time: 06/14/18 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Total Solids by Method 2540 G-2011	WG1125517	1	06/19/18 09:01	06/19/18 09:09	KDW
Mercury by Method 7471A	WG1125876	1	06/18/18 09:25	06/19/18 09:35	EL
Metals (ICP) by Method 6010B	WG1124879	1	06/17/18 13:58	06/19/18 23:51	CCE
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1126298	1	06/13/18 09:00	06/19/18 03:33	LRL
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1124831	10	06/14/18 22:41	06/15/18 17:22	MTJ
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1125932	1	06/19/18 15:31	06/20/18 06:04	DMG

SB-3 DEEP L1001666-10 Solid

Collected by: Diane E. Groom | Collected date/time: 06/13/18 09:10 | Received date/time: 06/14/18 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Total Solids by Method 2540 G-2011	WG1125517	1	06/19/18 09:01	06/19/18 09:09	KDW
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1126611	1	06/13/18 09:10	06/19/18 16:26	BMB
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1126338	1	06/13/18 09:10	06/19/18 01:05	DWR
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1124831	1	06/14/18 22:41	06/15/18 13:33	MTJ
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1125932	1	06/19/18 15:31	06/20/18 06:26	DMG

SB-4 SHALLOW L1001666-11 Solid

Collected by: Diane E. Groom | Collected date/time: 06/13/18 10:00 | Received date/time: 06/14/18 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Total Solids by Method 2540 G-2011	WG1125517	1	06/19/18 09:01	06/19/18 09:09	KDW
Mercury by Method 7471A	WG1125876	1	06/18/18 09:25	06/19/18 09:39	EL
Metals (ICP) by Method 6010B	WG1124879	1	06/17/18 13:58	06/19/18 23:53	CCE
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1126298	1	06/13/18 10:00	06/19/18 04:15	LRL
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1124831	1	06/14/18 22:41	06/15/18 12:38	MTJ
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1125932	1	06/19/18 15:31	06/20/18 03:31	DMG

SB-5 L1001666-12 Solid

Collected by: Diane E. Groom | Collected date/time: 06/13/18 12:15 | Received date/time: 06/14/18 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Total Solids by Method 2540 G-2011	WG1125517	1	06/19/18 09:01	06/19/18 09:09	KDW
Mercury by Method 7471A	WG1125876	1	06/18/18 09:25	06/19/18 09:42	EL
Metals (ICP) by Method 6010B	WG1124879	1	06/17/18 13:58	06/19/18 23:56	CCE
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1125932	1	06/19/18 15:31	06/20/18 03:52	DMG

SB-6 L1001666-13 Solid

Collected by: Diane E. Groom | Collected date/time: 06/13/18 11:35 | Received date/time: 06/14/18 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Total Solids by Method 2540 G-2011	WG1125517	1	06/19/18 09:01	06/19/18 09:09	KDW
Mercury by Method 7471A	WG1125876	1	06/18/18 09:25	06/19/18 09:44	EL
Metals (ICP) by Method 6010B	WG1124879	1	06/17/18 13:58	06/19/18 23:58	CCE
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1125932	1	06/19/18 15:31	06/20/18 04:14	DMG

SB-7 L1001666-14 Solid

Collected by: Diane E. Groom | Collected date/time: 06/13/18 12:00 | Received date/time: 06/14/18 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Total Solids by Method 2540 G-2011	WG1125518	1	06/18/18 16:09	06/18/18 16:22	JD
Mercury by Method 7471A	WG1125876	1	06/18/18 09:25	06/19/18 09:47	EL
Metals (ICP) by Method 6010B	WG1124879	1	06/17/18 13:58	06/20/18 00:01	CCE
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1126298	1	06/13/18 12:00	06/19/18 04:36	LRL
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1124831	2	06/14/18 22:41	06/15/18 13:54	MTJ
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1125932	1	06/19/18 15:31	06/20/18 06:48	DMG

TB COOLER 2 L1001666-15 GW

Collected by: Diane E. Groom | Collected date/time: 06/13/18 12:40 | Received date/time: 06/14/18 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1124939	1	06/15/18 01:44	06/15/18 01:44	LRL

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All radiochemical sample results for solids are reported on a dry weight basis with the exception of tritium, carbon-14 and radon, unless wet weight was requested by the client. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

T. Alan Harvill
Technical Service Representative

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	U		31.4	100	1	06/18/2018 14:51	WG1126134
(S) a,a,a-Trifluorotoluene(FID)	*111*			*77.0-122*		*06/18/2018 14:51*	WG1126134

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	U		10.0	50.0	1	06/15/2018 03:51	WG1124939
Acrolein	U		8.87	50.0	1	06/15/2018 03:51	WG1124939
Acrylonitrile	U		1.87	10.0	1	06/15/2018 03:51	WG1124939
Benzene	U		0.331	1.00	1	06/15/2018 03:51	WG1124939
Bromobenzene	U		0.352	1.00	1	06/15/2018 03:51	WG1124939
Bromodichloromethane	U		0.380	1.00	1	06/15/2018 03:51	WG1124939
Bromoform	U		0.469	1.00	1	06/15/2018 03:51	WG1124939
Bromomethane	U		0.866	5.00	1	06/15/2018 03:51	WG1124939
n-Butylbenzene	U		0.361	1.00	1	06/15/2018 03:51	WG1124939
sec-Butylbenzene	U		0.365	1.00	1	06/15/2018 03:51	WG1124939
tert-Butylbenzene	U		0.399	1.00	1	06/15/2018 03:51	WG1124939
Carbon tetrachloride	U		0.379	1.00	1	06/15/2018 03:51	WG1124939
Chlorobenzene	U		0.348	1.00	1	06/15/2018 03:51	WG1124939
Chlorodibromomethane	U		0.327	1.00	1	06/15/2018 03:51	WG1124939
Chloroethane	U		0.453	5.00	1	06/15/2018 03:51	WG1124939
2-Chloroethyl vinyl ether	U		3.01	50.0	1	06/15/2018 03:51	WG1124939
Chloroform	U		0.324	5.00	1	06/15/2018 03:51	WG1124939
Chloromethane	U		0.276	2.50	1	06/15/2018 03:51	WG1124939
2-Chlorotoluene	U		0.375	1.00	1	06/15/2018 03:51	WG1124939
4-Chlorotoluene	U		0.351	1.00	1	06/15/2018 03:51	WG1124939
1,2-Dibromo-3-Chloropropane	U		1.33	5.00	1	06/15/2018 03:51	WG1124939
1,2-Dibromoethane	U		0.381	1.00	1	06/15/2018 03:51	WG1124939
Dibromomethane	U		0.346	1.00	1	06/15/2018 03:51	WG1124939
1,2-Dichlorobenzene	U		0.349	1.00	1	06/15/2018 03:51	WG1124939
1,3-Dichlorobenzene	U		0.220	1.00	1	06/15/2018 03:51	WG1124939
1,4-Dichlorobenzene	U		0.274	1.00	1	06/15/2018 03:51	WG1124939
Dichlorodifluoromethane	U		0.551	5.00	1	06/15/2018 03:51	WG1124939
1,1-Dichloroethane	U		0.259	1.00	1	06/15/2018 03:51	WG1124939
1,2-Dichloroethane	U		0.361	1.00	1	06/15/2018 03:51	WG1124939
1,1-Dichloroethene	U		0.398	1.00	1	06/15/2018 03:51	WG1124939
cis-1,2-Dichloroethene	U		0.260	1.00	1	06/15/2018 03:51	WG1124939
trans-1,2-Dichloroethene	U		0.396	1.00	1	06/15/2018 03:51	WG1124939
1,2-Dichloropropane	U		0.306	1.00	1	06/15/2018 03:51	WG1124939
1,1-Dichloropropene	U		0.352	1.00	1	06/15/2018 03:51	WG1124939
1,3-Dichloropropane	U		0.366	1.00	1	06/15/2018 03:51	WG1124939
cis-1,3-Dichloropropene	U		0.418	1.00	1	06/15/2018 03:51	WG1124939
trans-1,3-Dichloropropene	U		0.419	1.00	1	06/15/2018 03:51	WG1124939
2,2-Dichloropropane	U		0.321	1.00	1	06/15/2018 03:51	WG1124939
Di-isopropyl ether	U		0.320	1.00	1	06/15/2018 03:51	WG1124939
Ethylbenzene	U		0.384	1.00	1	06/15/2018 03:51	WG1124939
Hexachloro-1,3-butadiene	U		0.256	1.00	1	06/15/2018 03:51	WG1124939
Isopropylbenzene	U		0.326	1.00	1	06/15/2018 03:51	WG1124939
p-Isopropyltoluene	U		0.350	1.00	1	06/15/2018 03:51	WG1124939
2-Butanone (MEK)	U		3.93	10.0	1	06/15/2018 03:51	WG1124939
Methylene Chloride	U		1.00	5.00	1	06/15/2018 03:51	WG1124939
4-Methyl-2-pentanone (MIBK)	U		2.14	10.0	1	06/15/2018 03:51	WG1124939
Methyl tert-butyl ether	U		0.367	1.00	1	06/15/2018 03:51	WG1124939
Naphthalene	U		1.00	5.00	1	06/15/2018 03:51	WG1124939
n-Propylbenzene	U		0.349	1.00	1	06/15/2018 03:51	WG1124939

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Styrene	U		0.307	1.00	1	06/15/2018 03:51	WG1124939
1,1,1,2-Tetrachloroethane	U		0.385	1.00	1	06/15/2018 03:51	WG1124939
1,1,2,2-Tetrachloroethane	U		0.130	1.00	1	06/15/2018 03:51	WG1124939
1,1,2-Trichlorotrifluoroethane	U		0.303	1.00	1	06/15/2018 03:51	WG1124939
Tetrachloroethene	U		0.372	1.00	1	06/15/2018 03:51	WG1124939
Toluene	U		0.412	1.00	1	06/15/2018 03:51	WG1124939
1,2,3-Trichlorobenzene	U		0.230	1.00	1	06/15/2018 03:51	WG1124939
1,2,4-Trichlorobenzene	U		0.355	1.00	1	06/15/2018 03:51	WG1124939
1,1,1-Trichloroethane	U		0.319	1.00	1	06/15/2018 03:51	WG1124939
1,1,2-Trichloroethane	U		0.383	1.00	1	06/15/2018 03:51	WG1124939
Trichloroethene	U		0.398	1.00	1	06/15/2018 03:51	WG1124939
Trichlorofluoromethane	U		1.20	5.00	1	06/15/2018 03:51	WG1124939
1,2,3-Trichloropropane	U		0.807	2.50	1	06/15/2018 03:51	WG1124939
1,2,4-Trimethylbenzene	U		0.373	1.00	1	06/15/2018 03:51	WG1124939
1,2,3-Trimethylbenzene	U		0.321	1.00	1	06/15/2018 03:51	WG1124939
1,3,5-Trimethylbenzene	U		0.387	1.00	1	06/15/2018 03:51	WG1124939
Vinyl chloride	U		0.259	1.00	1	06/15/2018 03:51	WG1124939
Xylenes, Total	U		1.06	3.00	1	06/15/2018 03:51	WG1124939
(S) Toluene-d8	*105*			*80.0-120*		*06/15/2018 03:51*	WG1124939
(S) Dibromofluoromethane	*93.0*			*76.0-123*		*06/15/2018 03:51*	WG1124939
(S) 4-Bromofluorobenzene	*99.8*			*80.0-120*		*06/15/2018 03:51*	WG1124939

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	177		28.2	114	1.14	06/18/2018 01:34	WG1125732
(S) o-Terphenyl	*107*			*31.0-160*		*06/18/2018 01:34*	WG1125732

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Anthracene	U		0.0140	0.0500	1	06/17/2018 16:26	WG1125717
Acenaphthene	U		0.0100	0.0500	1	06/17/2018 16:26	WG1125717
Acenaphthylene	U		0.0120	0.0500	1	06/17/2018 16:26	WG1125717
Benzo(a)anthracene	U		0.00410	0.0500	1	06/17/2018 16:26	WG1125717
Benzo(a)pyrene	U		0.0116	0.0500	1	06/17/2018 16:26	WG1125717
Benzo(b)fluoranthene	0.00789	J	0.00212	0.0500	1	06/17/2018 16:26	WG1125717
Benzo(g,h,i)perylene	U		0.00227	0.0500	1	06/17/2018 16:26	WG1125717
Benzo(k)fluoranthene	U		0.0136	0.0500	1	06/17/2018 16:26	WG1125717
Chrysene	U		0.0108	0.0500	1	06/17/2018 16:26	WG1125717
Dibenz(a,h)anthracene	U		0.00396	0.0500	1	06/17/2018 16:26	WG1125717
Fluoranthene	U		0.0157	0.0500	1	06/17/2018 16:26	WG1125717
Fluorene	0.00956	J	0.00850	0.0500	1	06/17/2018 16:26	WG1125717
Indeno(1,2,3-cd)pyrene	U		0.0148	0.0500	1	06/17/2018 16:26	WG1125717
Naphthalene	0.0702	J	0.0198	0.250	1	06/17/2018 16:26	WG1125717
Phenanthrene	0.0179	J	0.00820	0.0500	1	06/17/2018 16:26	WG1125717
Pyrene	U		0.0117	0.0500	1	06/17/2018 16:26	WG1125717
1-Methylnaphthalene	0.0135	J	0.00821	0.250	1	06/17/2018 16:26	WG1125717
2-Methylnaphthalene	0.0169	J	0.00902	0.250	1	06/17/2018 16:26	WG1125717
2-Chloronaphthalene	U		0.00647	0.250	1	06/17/2018 16:26	WG1125717
(S) Nitrobenzene-d5	*64.7*			*31.0-160*		*06/17/2018 16:26*	WG1125717
(S) 2-Fluorobiphenyl	*91.2*			*48.0-148*		*06/17/2018 16:26*	WG1125717
(S) p-Terphenyl-d14	*95.8*			*37.0-146*		*06/17/2018 16:26*	WG1125717

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	U		31.4	100	1	06/18/2018 15:15	WG1126134
(S) a,a,a-Trifluorotoluene(FID)	*111*			*77.0-122*		*06/18/2018 15:15*	WG1126134

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	U		10.0	50.0	1	06/15/2018 04:11	WG1124939
Acrolein	U		8.87	50.0	1	06/15/2018 04:11	WG1124939
Acrylonitrile	U		1.87	10.0	1	06/15/2018 04:11	WG1124939
Benzene	U		0.331	1.00	1	06/15/2018 04:11	WG1124939
Bromobenzene	U		0.352	1.00	1	06/15/2018 04:11	WG1124939
Bromodichloromethane	U		0.380	1.00	1	06/15/2018 04:11	WG1124939
Bromoform	U		0.469	1.00	1	06/15/2018 04:11	WG1124939
Bromomethane	U		0.866	5.00	1	06/15/2018 04:11	WG1124939
n-Butylbenzene	U		0.361	1.00	1	06/15/2018 04:11	WG1124939
sec-Butylbenzene	U		0.365	1.00	1	06/15/2018 04:11	WG1124939
tert-Butylbenzene	U		0.399	1.00	1	06/15/2018 04:11	WG1124939
Carbon tetrachloride	U		0.379	1.00	1	06/15/2018 04:11	WG1124939
Chlorobenzene	U		0.348	1.00	1	06/15/2018 04:11	WG1124939
Chlorodibromomethane	U		0.327	1.00	1	06/15/2018 04:11	WG1124939
Chloroethane	U		0.453	5.00	1	06/15/2018 04:11	WG1124939
2-Chloroethyl vinyl ether	U		3.01	50.0	1	06/15/2018 04:11	WG1124939
Chloroform	U		0.324	5.00	1	06/15/2018 04:11	WG1124939
Chloromethane	U		0.276	2.50	1	06/15/2018 04:11	WG1124939
2-Chlorotoluene	U		0.375	1.00	1	06/15/2018 04:11	WG1124939
4-Chlorotoluene	U		0.351	1.00	1	06/15/2018 04:11	WG1124939
1,2-Dibromo-3-Chloropropane	U		1.33	5.00	1	06/15/2018 04:11	WG1124939
1,2-Dibromoethane	U		0.381	1.00	1	06/15/2018 04:11	WG1124939
Dibromomethane	U		0.346	1.00	1	06/15/2018 04:11	WG1124939
1,2-Dichlorobenzene	U		0.349	1.00	1	06/15/2018 04:11	WG1124939
1,3-Dichlorobenzene	U		0.220	1.00	1	06/15/2018 04:11	WG1124939
1,4-Dichlorobenzene	U		0.274	1.00	1	06/15/2018 04:11	WG1124939
Dichlorodifluoromethane	U		0.551	5.00	1	06/15/2018 04:11	WG1124939
1,1-Dichloroethane	U		0.259	1.00	1	06/15/2018 04:11	WG1124939
1,2-Dichloroethane	U		0.361	1.00	1	06/15/2018 04:11	WG1124939
1,1-Dichloroethene	U		0.398	1.00	1	06/15/2018 04:11	WG1124939
cis-1,2-Dichloroethene	U		0.260	1.00	1	06/15/2018 04:11	WG1124939
trans-1,2-Dichloroethene	U		0.396	1.00	1	06/15/2018 04:11	WG1124939
1,2-Dichloropropane	U		0.306	1.00	1	06/15/2018 04:11	WG1124939
1,1-Dichloropropene	U		0.352	1.00	1	06/15/2018 04:11	WG1124939
1,3-Dichloropropane	U		0.366	1.00	1	06/15/2018 04:11	WG1124939
cis-1,3-Dichloropropene	U		0.418	1.00	1	06/15/2018 04:11	WG1124939
trans-1,3-Dichloropropene	U		0.419	1.00	1	06/15/2018 04:11	WG1124939
2,2-Dichloropropane	U		0.321	1.00	1	06/15/2018 04:11	WG1124939
Di-isopropyl ether	U		0.320	1.00	1	06/15/2018 04:11	WG1124939
Ethylbenzene	U		0.384	1.00	1	06/15/2018 04:11	WG1124939
Hexachloro-1,3-butadiene	U		0.256	1.00	1	06/15/2018 04:11	WG1124939
Isopropylbenzene	U		0.326	1.00	1	06/15/2018 04:11	WG1124939
p-Isopropyltoluene	U		0.350	1.00	1	06/15/2018 04:11	WG1124939
2-Butanone (MEK)	U		3.93	10.0	1	06/15/2018 04:11	WG1124939
Methylene Chloride	U		1.00	5.00	1	06/15/2018 04:11	WG1124939
4-Methyl-2-pentanone (MIBK)	U		2.14	10.0	1	06/15/2018 04:11	WG1124939
Methyl tert-butyl ether	U		0.367	1.00	1	06/15/2018 04:11	WG1124939
Naphthalene	U		1.00	5.00	1	06/15/2018 04:11	WG1124939
n-Propylbenzene	U		0.349	1.00	1	06/15/2018 04:11	WG1124939

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Styrene	U		0.307	1.00	1	06/15/2018 04:11	WG1124939
1,1,1,2-Tetrachloroethane	U		0.385	1.00	1	06/15/2018 04:11	WG1124939
1,1,2,2-Tetrachloroethane	U		0.130	1.00	1	06/15/2018 04:11	WG1124939
1,1,2-Trichlorotrifluoroethane	U		0.303	1.00	1	06/15/2018 04:11	WG1124939
Tetrachloroethene	U		0.372	1.00	1	06/15/2018 04:11	WG1124939
Toluene	U		0.412	1.00	1	06/15/2018 04:11	WG1124939
1,2,3-Trichlorobenzene	U		0.230	1.00	1	06/15/2018 04:11	WG1124939
1,2,4-Trichlorobenzene	U		0.355	1.00	1	06/15/2018 04:11	WG1124939
1,1,1-Trichloroethane	U		0.319	1.00	1	06/15/2018 04:11	WG1124939
1,1,2-Trichloroethane	U		0.383	1.00	1	06/15/2018 04:11	WG1124939
Trichloroethene	U		0.398	1.00	1	06/15/2018 04:11	WG1124939
Trichlorofluoromethane	U		1.20	5.00	1	06/15/2018 04:11	WG1124939
1,2,3-Trichloropropane	U		0.807	2.50	1	06/15/2018 04:11	WG1124939
1,2,4-Trimethylbenzene	U		0.373	1.00	1	06/15/2018 04:11	WG1124939
1,2,3-Trimethylbenzene	U		0.321	1.00	1	06/15/2018 04:11	WG1124939
1,3,5-Trimethylbenzene	U		0.387	1.00	1	06/15/2018 04:11	WG1124939
Vinyl chloride	U		0.259	1.00	1	06/15/2018 04:11	WG1124939
Xylenes, Total	U		1.06	3.00	1	06/15/2018 04:11	WG1124939
(S) Toluene-d8	*104*			*80.0-120*		*06/15/2018 04:11*	WG1124939
(S) Dibromofluoromethane	*92.8*			*76.0-123*		*06/15/2018 04:11*	WG1124939
(S) 4-Bromofluorobenzene	*98.1*			*80.0-120*		*06/15/2018 04:11*	WG1124939

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	281		35.3	143	1.43	06/18/2018 01:51	WG1125732
(S) o-Terphenyl	*108*			*31.0-160*		*06/18/2018 01:51*	WG1125732

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Anthracene	0.0662	J	0.0186	0.0665	1.33	06/17/2018 16:48	WG1125717
Acenaphthene	0.102		0.0133	0.0665	1.33	06/17/2018 16:48	WG1125717
Acenaphthylene	U		0.0160	0.0665	1.33	06/17/2018 16:48	WG1125717
Benzo(a)anthracene	0.0206	J	0.00545	0.0665	1.33	06/17/2018 16:48	WG1125717
Benzo(a)pyrene	U		0.0154	0.0665	1.33	06/17/2018 16:48	WG1125717
Benzo(b)fluoranthene	0.0144	J	0.00282	0.0665	1.33	06/17/2018 16:48	WG1125717
Benzo(g,h,i)perylene	0.0109	J	0.00302	0.0665	1.33	06/17/2018 16:48	WG1125717
Benzo(k)fluoranthene	U		0.0181	0.0665	1.33	06/17/2018 16:48	WG1125717
Chrysene	U		0.0144	0.0665	1.33	06/17/2018 16:48	WG1125717
Dibenz(a,h)anthracene	U		0.00527	0.0665	1.33	06/17/2018 16:48	WG1125717
Fluoranthene	0.0963		0.0209	0.0665	1.33	06/17/2018 16:48	WG1125717
Fluorene	0.121		0.0113	0.0665	1.33	06/17/2018 16:48	WG1125717
Indeno(1,2,3-cd)pyrene	U		0.0197	0.0665	1.33	06/17/2018 16:48	WG1125717
Naphthalene	0.127	J	0.0263	0.333	1.33	06/17/2018 16:48	WG1125717
Phenanthrene	0.318		0.0109	0.0665	1.33	06/17/2018 16:48	WG1125717
Pyrene	0.0711		0.0156	0.0665	1.33	06/17/2018 16:48	WG1125717
1-Methylnaphthalene	0.0553	J	0.0109	0.333	1.33	06/17/2018 16:48	WG1125717
2-Methylnaphthalene	0.0442	J	0.0120	0.333	1.33	06/17/2018 16:48	WG1125717
2-Chloronaphthalene	U		0.00860	0.333	1.33	06/17/2018 16:48	WG1125717
(S) Nitrobenzene-d5	*63.4*			*31.0-160*		*06/17/2018 16:48*	WG1125717
(S) 2-Fluorobiphenyl	*88.7*			*48.0-148*		*06/17/2018 16:48*	WG1125717
(S) p-Terphenyl-d14	*92.9*			*37.0-146*		*06/17/2018 16:48*	WG1125717

Sample Narrative:

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	

L1001666-02 WG1125717: Dilution due to sample volume

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	U		31.4	100	1	06/18/2018 15:40	WG1126134
(S) a,a,a-Trifluorotoluene(FID)	*111*			*77.0-122*		*06/18/2018 15:40*	WG1126134

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	U		10.0	50.0	1	06/15/2018 04:32	WG1124939
Acrolein	U		8.87	50.0	1	06/15/2018 04:32	WG1124939
Acrylonitrile	U		1.87	10.0	1	06/15/2018 04:32	WG1124939
Benzene	U		0.331	1.00	1	06/15/2018 04:32	WG1124939
Bromobenzene	U		0.352	1.00	1	06/15/2018 04:32	WG1124939
Bromodichloromethane	U		0.380	1.00	1	06/15/2018 04:32	WG1124939
Bromoform	U		0.469	1.00	1	06/15/2018 04:32	WG1124939
Bromomethane	U		0.866	5.00	1	06/15/2018 04:32	WG1124939
n-Butylbenzene	U		0.361	1.00	1	06/15/2018 04:32	WG1124939
sec-Butylbenzene	U		0.365	1.00	1	06/15/2018 04:32	WG1124939
tert-Butylbenzene	U		0.399	1.00	1	06/15/2018 04:32	WG1124939
Carbon tetrachloride	U		0.379	1.00	1	06/15/2018 04:32	WG1124939
Chlorobenzene	U		0.348	1.00	1	06/15/2018 04:32	WG1124939
Chlorodibromomethane	U		0.327	1.00	1	06/15/2018 04:32	WG1124939
Chloroethane	U		0.453	5.00	1	06/15/2018 04:32	WG1124939
2-Chloroethyl vinyl ether	U		3.01	50.0	1	06/15/2018 04:32	WG1124939
Chloroform	U		0.324	5.00	1	06/15/2018 04:32	WG1124939
Chloromethane	U		0.276	2.50	1	06/15/2018 04:32	WG1124939
2-Chlorotoluene	U		0.375	1.00	1	06/15/2018 04:32	WG1124939
4-Chlorotoluene	U		0.351	1.00	1	06/15/2018 04:32	WG1124939
1,2-Dibromo-3-Chloropropane	U		1.33	5.00	1	06/15/2018 04:32	WG1124939
1,2-Dibromoethane	U		0.381	1.00	1	06/15/2018 04:32	WG1124939
Dibromomethane	U		0.346	1.00	1	06/15/2018 04:32	WG1124939
1,2-Dichlorobenzene	U		0.349	1.00	1	06/15/2018 04:32	WG1124939
1,3-Dichlorobenzene	U		0.220	1.00	1	06/15/2018 04:32	WG1124939
1,4-Dichlorobenzene	U		0.274	1.00	1	06/15/2018 04:32	WG1124939
Dichlorodifluoromethane	U		0.551	5.00	1	06/15/2018 04:32	WG1124939
1,1-Dichloroethane	U		0.259	1.00	1	06/15/2018 04:32	WG1124939
1,2-Dichloroethane	U		0.361	1.00	1	06/15/2018 04:32	WG1124939
1,1-Dichloroethene	U		0.398	1.00	1	06/15/2018 04:32	WG1124939
cis-1,2-Dichloroethene	U		0.260	1.00	1	06/15/2018 04:32	WG1124939
trans-1,2-Dichloroethene	U		0.396	1.00	1	06/15/2018 04:32	WG1124939
1,2-Dichloropropane	U		0.306	1.00	1	06/15/2018 04:32	WG1124939
1,1-Dichloropropene	U		0.352	1.00	1	06/15/2018 04:32	WG1124939
1,3-Dichloropropane	U		0.366	1.00	1	06/15/2018 04:32	WG1124939
cis-1,3-Dichloropropene	U		0.418	1.00	1	06/15/2018 04:32	WG1124939
trans-1,3-Dichloropropene	U		0.419	1.00	1	06/15/2018 04:32	WG1124939
2,2-Dichloropropane	U		0.321	1.00	1	06/15/2018 04:32	WG1124939
Di-isopropyl ether	U		0.320	1.00	1	06/15/2018 04:32	WG1124939
Ethylbenzene	U		0.384	1.00	1	06/15/2018 04:32	WG1124939
Hexachloro-1,3-butadiene	U		0.256	1.00	1	06/15/2018 04:32	WG1124939
Isopropylbenzene	U		0.326	1.00	1	06/15/2018 04:32	WG1124939
p-Isopropyltoluene	U		0.350	1.00	1	06/15/2018 04:32	WG1124939
2-Butanone (MEK)	U		3.93	10.0	1	06/15/2018 04:32	WG1124939
Methylene Chloride	U		1.00	5.00	1	06/15/2018 04:32	WG1124939
4-Methyl-2-pentanone (MIBK)	U		2.14	10.0	1	06/15/2018 04:32	WG1124939
Methyl tert-butyl ether	U		0.367	1.00	1	06/15/2018 04:32	WG1124939
Naphthalene	U		1.00	5.00	1	06/15/2018 04:32	WG1124939
n-Propylbenzene	U		0.349	1.00	1	06/15/2018 04:32	WG1124939

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Styrene	U		0.307	1.00	1	06/15/2018 04:32	WG1124939
1,1,1,2-Tetrachloroethane	U		0.385	1.00	1	06/15/2018 04:32	WG1124939
1,1,2,2-Tetrachloroethane	U		0.130	1.00	1	06/15/2018 04:32	WG1124939
1,1,2-Trichlorotrifluoroethane	U		0.303	1.00	1	06/15/2018 04:32	WG1124939
Tetrachloroethene	U		0.372	1.00	1	06/15/2018 04:32	WG1124939
Toluene	U		0.412	1.00	1	06/15/2018 04:32	WG1124939
1,2,3-Trichlorobenzene	U		0.230	1.00	1	06/15/2018 04:32	WG1124939
1,2,4-Trichlorobenzene	U		0.355	1.00	1	06/15/2018 04:32	WG1124939
1,1,1-Trichloroethane	U		0.319	1.00	1	06/15/2018 04:32	WG1124939
1,1,2-Trichloroethane	U		0.383	1.00	1	06/15/2018 04:32	WG1124939
Trichloroethene	U		0.398	1.00	1	06/15/2018 04:32	WG1124939
Trichlorofluoromethane	U		1.20	5.00	1	06/15/2018 04:32	WG1124939
1,2,3-Trichloropropane	U		0.807	2.50	1	06/15/2018 04:32	WG1124939
1,2,4-Trimethylbenzene	U		0.373	1.00	1	06/15/2018 04:32	WG1124939
1,2,3-Trimethylbenzene	U		0.321	1.00	1	06/15/2018 04:32	WG1124939
1,3,5-Trimethylbenzene	U		0.387	1.00	1	06/15/2018 04:32	WG1124939
Vinyl chloride	U		0.259	1.00	1	06/15/2018 04:32	WG1124939
Xylenes, Total	U		1.06	3.00	1	06/15/2018 04:32	WG1124939
(S) Toluene-d8	*104*			*80.0-120*		*06/15/2018 04:32*	WG1124939
(S) Dibromofluoromethane	*93.9*			*76.0-123*		*06/15/2018 04:32*	WG1124939
(S) 4-Bromofluorobenzene	*93.8*			*80.0-120*		*06/15/2018 04:32*	WG1124939

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	211	J	59.8	242	2.42	06/18/2018 02:08	WG1125732
(S) o-Terphenyl	*94.6*			*31.0-160*		*06/18/2018 02:08*	WG1125732

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Anthracene	U		0.0147	0.0525	1.05	06/17/2018 17:10	WG1125717
Acenaphthene	U		0.0105	0.0525	1.05	06/17/2018 17:10	WG1125717
Acenaphthylene	U		0.0126	0.0525	1.05	06/17/2018 17:10	WG1125717
Benzo(a)anthracene	0.0218	J	0.00430	0.0525	1.05	06/17/2018 17:10	WG1125717
Benzo(a)pyrene	0.0157	J	0.0122	0.0525	1.05	06/17/2018 17:10	WG1125717
Benzo(b)fluoranthene	0.0243	J	0.00223	0.0525	1.05	06/17/2018 17:10	WG1125717
Benzo(g,h,i)perylene	0.0127	J	0.00238	0.0525	1.05	06/17/2018 17:10	WG1125717
Benzo(k)fluoranthene	U		0.0143	0.0525	1.05	06/17/2018 17:10	WG1125717
Chrysene	0.0163	J	0.0113	0.0525	1.05	06/17/2018 17:10	WG1125717
Dibenz(a,h)anthracene	U		0.00416	0.0525	1.05	06/17/2018 17:10	WG1125717
Fluoranthene	U		0.0165	0.0525	1.05	06/17/2018 17:10	WG1125717
Fluorene	U		0.00892	0.0525	1.05	06/17/2018 17:10	WG1125717
Indeno(1,2,3-cd)pyrene	U		0.0155	0.0525	1.05	06/17/2018 17:10	WG1125717
Naphthalene	0.102	J	0.0208	0.263	1.05	06/17/2018 17:10	WG1125717
Phenanthrene	0.0297	J	0.00861	0.0525	1.05	06/17/2018 17:10	WG1125717
Pyrene	0.0401	J	0.0123	0.0525	1.05	06/17/2018 17:10	WG1125717
1-Methylnaphthalene	0.0246	J	0.00862	0.263	1.05	06/17/2018 17:10	WG1125717
2-Methylnaphthalene	0.0332	J	0.00947	0.263	1.05	06/17/2018 17:10	WG1125717
2-Chloronaphthalene	U		0.00679	0.263	1.05	06/17/2018 17:10	WG1125717
(S) Nitrobenzene-d5	*65.2*			*31.0-160*		*06/17/2018 17:10*	WG1125717
(S) 2-Fluorobiphenyl	*93.2*			*48.0-148*		*06/17/2018 17:10*	WG1125717
(S) p-Terphenyl-d14	*92.5*			*37.0-146*		*06/17/2018 17:10*	WG1125717

Sample Narrative:

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	

L1001666-03 WG1125717: Dilution due to sample volume

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	U		31.4	100	1	06/18/2018 16:18	WG1126134
(S) a,a,a-Trifluorotoluene(FID)	*110*			*77.0-122*		*06/18/2018 16:18*	WG1126134

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	U		10.0	50.0	1	06/15/2018 04:53	WG1124939
Acrolein	U		8.87	50.0	1	06/15/2018 04:53	WG1124939
Acrylonitrile	U		1.87	10.0	1	06/15/2018 04:53	WG1124939
Benzene	U		0.331	1.00	1	06/15/2018 04:53	WG1124939
Bromobenzene	U		0.352	1.00	1	06/15/2018 04:53	WG1124939
Bromodichloromethane	U		0.380	1.00	1	06/15/2018 04:53	WG1124939
Bromoform	U		0.469	1.00	1	06/15/2018 04:53	WG1124939
Bromomethane	U		0.866	5.00	1	06/15/2018 04:53	WG1124939
n-Butylbenzene	U		0.361	1.00	1	06/15/2018 04:53	WG1124939
sec-Butylbenzene	U		0.365	1.00	1	06/15/2018 04:53	WG1124939
tert-Butylbenzene	U		0.399	1.00	1	06/15/2018 04:53	WG1124939
Carbon tetrachloride	U		0.379	1.00	1	06/15/2018 04:53	WG1124939
Chlorobenzene	U		0.348	1.00	1	06/15/2018 04:53	WG1124939
Chlorodibromomethane	U		0.327	1.00	1	06/15/2018 04:53	WG1124939
Chloroethane	U		0.453	5.00	1	06/15/2018 04:53	WG1124939
2-Chloroethyl vinyl ether	U		3.01	50.0	1	06/15/2018 04:53	WG1124939
Chloroform	U		0.324	5.00	1	06/15/2018 04:53	WG1124939
Chloromethane	U		0.276	2.50	1	06/15/2018 04:53	WG1124939
2-Chlorotoluene	U		0.375	1.00	1	06/15/2018 04:53	WG1124939
4-Chlorotoluene	U		0.351	1.00	1	06/15/2018 04:53	WG1124939
1,2-Dibromo-3-Chloropropane	U		1.33	5.00	1	06/15/2018 04:53	WG1124939
1,2-Dibromoethane	U		0.381	1.00	1	06/15/2018 04:53	WG1124939
Dibromomethane	U		0.346	1.00	1	06/15/2018 04:53	WG1124939
1,2-Dichlorobenzene	U		0.349	1.00	1	06/15/2018 04:53	WG1124939
1,3-Dichlorobenzene	U		0.220	1.00	1	06/15/2018 04:53	WG1124939
1,4-Dichlorobenzene	U		0.274	1.00	1	06/15/2018 04:53	WG1124939
Dichlorodifluoromethane	U		0.551	5.00	1	06/15/2018 04:53	WG1124939
1,1-Dichloroethane	U		0.259	1.00	1	06/15/2018 04:53	WG1124939
1,2-Dichloroethane	U		0.361	1.00	1	06/15/2018 04:53	WG1124939
1,1-Dichloroethene	U		0.398	1.00	1	06/15/2018 04:53	WG1124939
cis-1,2-Dichloroethene	U		0.260	1.00	1	06/15/2018 04:53	WG1124939
trans-1,2-Dichloroethene	U		0.396	1.00	1	06/15/2018 04:53	WG1124939
1,2-Dichloropropane	U		0.306	1.00	1	06/15/2018 04:53	WG1124939
1,1-Dichloropropene	U		0.352	1.00	1	06/15/2018 04:53	WG1124939
1,3-Dichloropropane	U		0.366	1.00	1	06/15/2018 04:53	WG1124939
cis-1,3-Dichloropropene	U		0.418	1.00	1	06/15/2018 04:53	WG1124939
trans-1,3-Dichloropropene	U		0.419	1.00	1	06/15/2018 04:53	WG1124939
2,2-Dichloropropane	U		0.321	1.00	1	06/15/2018 04:53	WG1124939
Di-isopropyl ether	U		0.320	1.00	1	06/15/2018 04:53	WG1124939
Ethylbenzene	U		0.384	1.00	1	06/15/2018 04:53	WG1124939
Hexachloro-1,3-butadiene	U		0.256	1.00	1	06/15/2018 04:53	WG1124939
Isopropylbenzene	U		0.326	1.00	1	06/15/2018 04:53	WG1124939
p-Isopropyltoluene	U		0.350	1.00	1	06/15/2018 04:53	WG1124939
2-Butanone (MEK)	U		3.93	10.0	1	06/15/2018 04:53	WG1124939
Methylene Chloride	U		1.00	5.00	1	06/15/2018 04:53	WG1124939
4-Methyl-2-pentanone (MIBK)	U		2.14	10.0	1	06/15/2018 04:53	WG1124939
Methyl tert-butyl ether	U		0.367	1.00	1	06/15/2018 04:53	WG1124939
Naphthalene	U		1.00	5.00	1	06/15/2018 04:53	WG1124939
n-Propylbenzene	U		0.349	1.00	1	06/15/2018 04:53	WG1124939

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Styrene	U		0.307	1.00	1	06/15/2018 04:53	WG1124939
1,1,1,2-Tetrachloroethane	U		0.385	1.00	1	06/15/2018 04:53	WG1124939
1,1,2,2-Tetrachloroethane	U		0.130	1.00	1	06/15/2018 04:53	WG1124939
1,1,2-Trichlorotrifluoroethane	U		0.303	1.00	1	06/15/2018 04:53	WG1124939
Tetrachloroethene	U		0.372	1.00	1	06/15/2018 04:53	WG1124939
Toluene	U		0.412	1.00	1	06/15/2018 04:53	WG1124939
1,2,3-Trichlorobenzene	U		0.230	1.00	1	06/15/2018 04:53	WG1124939
1,2,4-Trichlorobenzene	U		0.355	1.00	1	06/15/2018 04:53	WG1124939
1,1,1-Trichloroethane	U		0.319	1.00	1	06/15/2018 04:53	WG1124939
1,1,2-Trichloroethane	U		0.383	1.00	1	06/15/2018 04:53	WG1124939
Trichloroethene	U		0.398	1.00	1	06/15/2018 04:53	WG1124939
Trichlorofluoromethane	U		1.20	5.00	1	06/15/2018 04:53	WG1124939
1,2,3-Trichloropropane	U		0.807	2.50	1	06/15/2018 04:53	WG1124939
1,2,4-Trimethylbenzene	U		0.373	1.00	1	06/15/2018 04:53	WG1124939
1,2,3-Trimethylbenzene	U		0.321	1.00	1	06/15/2018 04:53	WG1124939
1,3,5-Trimethylbenzene	U		0.387	1.00	1	06/15/2018 04:53	WG1124939
Vinyl chloride	U		0.259	1.00	1	06/15/2018 04:53	WG1124939
Xylenes, Total	U		1.06	3.00	1	06/15/2018 04:53	WG1124939
(S) Toluene-d8	*102*			*80.0-120*		*06/15/2018 04:53*	WG1124939
(S) Dibromofluoromethane	*91.3*			*76.0-123*		*06/15/2018 04:53*	WG1124939
(S) 4-Bromofluorobenzene	*95.9*			*80.0-120*		*06/15/2018 04:53*	WG1124939

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	213		32.8	133	1.33	06/18/2018 02:25	WG1125732
(S) o-Terphenyl	*97.8*			*31.0-160*		*06/18/2018 02:25*	WG1125732

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Anthracene	U		0.0140	0.0500	1	06/17/2018 17:32	WG1125717
Acenaphthene	U		0.0100	0.0500	1	06/17/2018 17:32	WG1125717
Acenaphthylene	U		0.0120	0.0500	1	06/17/2018 17:32	WG1125717
Benzo(a)anthracene	0.0195	J	0.00410	0.0500	1	06/17/2018 17:32	WG1125717
Benzo(a)pyrene	0.0128	J	0.0116	0.0500	1	06/17/2018 17:32	WG1125717
Benzo(b)fluoranthene	0.0200	J	0.00212	0.0500	1	06/17/2018 17:32	WG1125717
Benzo(g,h,i)perylene	0.0158	J	0.00227	0.0500	1	06/17/2018 17:32	WG1125717
Benzo(k)fluoranthene	U		0.0136	0.0500	1	06/17/2018 17:32	WG1125717
Chrysene	0.0159	J	0.0108	0.0500	1	06/17/2018 17:32	WG1125717
Dibenz(a,h)anthracene	U		0.00396	0.0500	1	06/17/2018 17:32	WG1125717
Fluoranthene	U		0.0157	0.0500	1	06/17/2018 17:32	WG1125717
Fluorene	0.00881	J	0.00850	0.0500	1	06/17/2018 17:32	WG1125717
Indeno(1,2,3-cd)pyrene	U		0.0148	0.0500	1	06/17/2018 17:32	WG1125717
Naphthalene	0.157	J	0.0198	0.250	1	06/17/2018 17:32	WG1125717
Phenanthrene	U		0.00820	0.0500	1	06/17/2018 17:32	WG1125717
Pyrene	0.0288	J	0.0117	0.0500	1	06/17/2018 17:32	WG1125717
1-Methylnaphthalene	0.0473	J	0.00821	0.250	1	06/17/2018 17:32	WG1125717
2-Methylnaphthalene	0.0753	J	0.00902	0.250	1	06/17/2018 17:32	WG1125717
2-Chloronaphthalene	U		0.00647	0.250	1	06/17/2018 17:32	WG1125717
(S) Nitrobenzene-d5	*68.2*			*31.0-160*		*06/17/2018 17:32*	WG1125717
(S) 2-Fluorobiphenyl	*93.5*			*48.0-148*		*06/17/2018 17:32*	WG1125717
(S) p-Terphenyl-d14	*91.3*			*37.0-146*		*06/17/2018 17:32*	WG1125717

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U		10.0	50.0	1	06/15/2018 01:23	WG1124939
Acrolein	U		8.87	50.0	1	06/15/2018 01:23	WG1124939
Acrylonitrile	U		1.87	10.0	1	06/15/2018 01:23	WG1124939
Benzene	U		0.331	1.00	1	06/15/2018 01:23	WG1124939
Bromobenzene	U		0.352	1.00	1	06/15/2018 01:23	WG1124939
Bromodichloromethane	U		0.380	1.00	1	06/15/2018 01:23	WG1124939
Bromoform	U		0.469	1.00	1	06/15/2018 01:23	WG1124939
Bromomethane	U		0.866	5.00	1	06/15/2018 01:23	WG1124939
n-Butylbenzene	U		0.361	1.00	1	06/15/2018 01:23	WG1124939
sec-Butylbenzene	U		0.365	1.00	1	06/15/2018 01:23	WG1124939
tert-Butylbenzene	U		0.399	1.00	1	06/15/2018 01:23	WG1124939
Carbon tetrachloride	U		0.379	1.00	1	06/15/2018 01:23	WG1124939
Chlorobenzene	U		0.348	1.00	1	06/15/2018 01:23	WG1124939
Chlorodibromomethane	U		0.327	1.00	1	06/15/2018 01:23	WG1124939
Chloroethane	U		0.453	5.00	1	06/15/2018 01:23	WG1124939
2-Chloroethyl vinyl ether	U		3.01	50.0	1	06/15/2018 01:23	WG1124939
Chloroform	U		0.324	5.00	1	06/15/2018 01:23	WG1124939
Chloromethane	U		0.276	2.50	1	06/15/2018 01:23	WG1124939
2-Chlorotoluene	U		0.375	1.00	1	06/15/2018 01:23	WG1124939
4-Chlorotoluene	U		0.351	1.00	1	06/15/2018 01:23	WG1124939
1,2-Dibromo-3-Chloropropane	U		1.33	5.00	1	06/15/2018 01:23	WG1124939
1,2-Dibromoethane	U		0.381	1.00	1	06/15/2018 01:23	WG1124939
Dibromomethane	U		0.346	1.00	1	06/15/2018 01:23	WG1124939
1,2-Dichlorobenzene	U		0.349	1.00	1	06/15/2018 01:23	WG1124939
1,3-Dichlorobenzene	U		0.220	1.00	1	06/15/2018 01:23	WG1124939
1,4-Dichlorobenzene	U		0.274	1.00	1	06/15/2018 01:23	WG1124939
Dichlorodifluoromethane	U		0.551	5.00	1	06/15/2018 01:23	WG1124939
1,1-Dichloroethane	U		0.259	1.00	1	06/15/2018 01:23	WG1124939
1,2-Dichloroethane	U		0.361	1.00	1	06/15/2018 01:23	WG1124939
1,1-Dichloroethene	U		0.398	1.00	1	06/15/2018 01:23	WG1124939
cis-1,2-Dichloroethene	U		0.260	1.00	1	06/15/2018 01:23	WG1124939
trans-1,2-Dichloroethene	U		0.396	1.00	1	06/15/2018 01:23	WG1124939
1,2-Dichloropropane	U		0.306	1.00	1	06/15/2018 01:23	WG1124939
1,1-Dichloropropene	U		0.352	1.00	1	06/15/2018 01:23	WG1124939
1,3-Dichloropropane	U		0.366	1.00	1	06/15/2018 01:23	WG1124939
cis-1,3-Dichloropropene	U		0.418	1.00	1	06/15/2018 01:23	WG1124939
trans-1,3-Dichloropropene	U		0.419	1.00	1	06/15/2018 01:23	WG1124939
2,2-Dichloropropane	U		0.321	1.00	1	06/15/2018 01:23	WG1124939
Di-isopropyl ether	U		0.320	1.00	1	06/15/2018 01:23	WG1124939
Ethylbenzene	U		0.384	1.00	1	06/15/2018 01:23	WG1124939
Hexachloro-1,3-butadiene	U		0.256	1.00	1	06/15/2018 01:23	WG1124939
Isopropylbenzene	U		0.326	1.00	1	06/15/2018 01:23	WG1124939
p-Isopropyltoluene	U		0.350	1.00	1	06/15/2018 01:23	WG1124939
2-Butanone (MEK)	U		3.93	10.0	1	06/15/2018 01:23	WG1124939
Methylene Chloride	U		1.00	5.00	1	06/15/2018 01:23	WG1124939
4-Methyl-2-pentanone (MIBK)	U		2.14	10.0	1	06/15/2018 01:23	WG1124939
Methyl tert-butyl ether	U		0.367	1.00	1	06/15/2018 01:23	WG1124939
Naphthalene	U		1.00	5.00	1	06/15/2018 01:23	WG1124939
n-Propylbenzene	U		0.349	1.00	1	06/15/2018 01:23	WG1124939
Styrene	U		0.307	1.00	1	06/15/2018 01:23	WG1124939
1,1,1,2-Tetrachloroethane	U		0.385	1.00	1	06/15/2018 01:23	WG1124939
1,1,2,2-Tetrachloroethane	U		0.130	1.00	1	06/15/2018 01:23	WG1124939
1,1,2-Trichlorotrifluoroethane	U		0.303	1.00	1	06/15/2018 01:23	WG1124939
Tetrachloroethene	U		0.372	1.00	1	06/15/2018 01:23	WG1124939
Toluene	U		0.412	1.00	1	06/15/2018 01:23	WG1124939
1,2,3-Trichlorobenzene	U		0.230	1.00	1	06/15/2018 01:23	WG1124939

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
1,2,4-Trichlorobenzene	U		0.355	1.00	1	06/15/2018 01:23	WG1124939
1,1,1-Trichloroethane	U		0.319	1.00	1	06/15/2018 01:23	WG1124939
1,1,2-Trichloroethane	U		0.383	1.00	1	06/15/2018 01:23	WG1124939
Trichloroethene	U		0.398	1.00	1	06/15/2018 01:23	WG1124939
Trichlorofluoromethane	U		1.20	5.00	1	06/15/2018 01:23	WG1124939
1,2,3-Trichloropropane	U		0.807	2.50	1	06/15/2018 01:23	WG1124939
1,2,4-Trimethylbenzene	U		0.373	1.00	1	06/15/2018 01:23	WG1124939
1,2,3-Trimethylbenzene	U		0.321	1.00	1	06/15/2018 01:23	WG1124939
1,3,5-Trimethylbenzene	U		0.387	1.00	1	06/15/2018 01:23	WG1124939
Vinyl chloride	U		0.259	1.00	1	06/15/2018 01:23	WG1124939
Xylenes, Total	U		1.06	3.00	1	06/15/2018 01:23	WG1124939
(S) Toluene-d8	*105*			*80.0-120*		*06/15/2018 01:23*	WG1124939
(S) Dibromofluoromethane	*93.9*			*76.0-123*		*06/15/2018 01:23*	WG1124939
(S) 4-Bromofluorobenzene	*95.6*			*80.0-120*		*06/15/2018 01:23*	WG1124939

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	84.2		1	06/19/2018 09:09	WG1125517

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
TPH (GC/FID) Low Fraction	0.258		0.0258	0.119	1	06/19/2018 02:30	WG1126298
(S) a,a,a-Trifluorotoluene(FID)	*99.4*			*77.0-120*		*06/19/2018 02:30*	WG1126298

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acetone	U		0.0163	0.0297	1	06/16/2018 03:13	WG1125376
Acrylonitrile	U		0.00226	0.0148	1	06/16/2018 03:13	WG1125376
Benzene	0.00373		0.000475	0.00119	1	06/16/2018 03:13	WG1125376
Bromobenzene	U		0.00125	0.0148	1	06/16/2018 03:13	WG1125376
Bromodichloromethane	U		0.000936	0.00297	1	06/16/2018 03:13	WG1125376
Bromoform	U		0.00710	0.0297	1	06/16/2018 03:13	WG1125376
Bromomethane	U		0.00439	0.0148	1	06/16/2018 03:13	WG1125376
n-Butylbenzene	U		0.00456	0.0148	1	06/16/2018 03:13	WG1125376
sec-Butylbenzene	U		0.00301	0.0148	1	06/16/2018 03:13	WG1125376
tert-Butylbenzene	U		0.00184	0.00594	1	06/16/2018 03:13	WG1125376
Carbon tetrachloride	U		0.00128	0.00594	1	06/16/2018 03:13	WG1125376
Chlorobenzene	U		0.000681	0.00297	1	06/16/2018 03:13	WG1125376
Chlorodibromomethane	U		0.000535	0.00297	1	06/16/2018 03:13	WG1125376
Chloroethane	U		0.00128	0.00594	1	06/16/2018 03:13	WG1125376
Chloroform	U		0.000493	0.00297	1	06/16/2018 03:13	WG1125376
Chloromethane	U		0.00165	0.0148	1	06/16/2018 03:13	WG1125376
2-Chlorotoluene	U		0.00109	0.00297	1	06/16/2018 03:13	WG1125376
4-Chlorotoluene	U		0.00134	0.00594	1	06/16/2018 03:13	WG1125376
1,2-Dibromo-3-Chloropropane	U		0.00606	0.0297	1	06/16/2018 03:13	WG1125376
1,2-Dibromoethane	U		0.000624	0.00297	1	06/16/2018 03:13	WG1125376
Dibromomethane	U		0.00119	0.00594	1	06/16/2018 03:13	WG1125376
1,2-Dichlorobenzene	U	J4	0.00172	0.00594	1	06/16/2018 03:13	WG1125376
1,3-Dichlorobenzene	U		0.00202	0.00594	1	06/16/2018 03:13	WG1125376
1,4-Dichlorobenzene	U		0.00234	0.00594	1	06/16/2018 03:13	WG1125376
Dichlorodifluoromethane	U		0.000972	0.00297	1	06/16/2018 03:13	WG1125376
1,1-Dichloroethane	U		0.000683	0.00297	1	06/16/2018 03:13	WG1125376
1,2-Dichloroethane	U		0.000564	0.00297	1	06/16/2018 03:13	WG1125376
1,1-Dichloroethene	U		0.000594	0.00297	1	06/16/2018 03:13	WG1125376
cis-1,2-Dichloroethene	U	J4	0.000820	0.00297	1	06/16/2018 03:13	WG1125376
trans-1,2-Dichloroethene	U		0.00170	0.00594	1	06/16/2018 03:13	WG1125376
1,2-Dichloropropane	U		0.00151	0.00594	1	06/16/2018 03:13	WG1125376
1,1-Dichloropropene	U		0.000831	0.00297	1	06/16/2018 03:13	WG1125376
1,3-Dichloropropane	U		0.00208	0.00594	1	06/16/2018 03:13	WG1125376
cis-1,3-Dichloropropene	U		0.000805	0.00297	1	06/16/2018 03:13	WG1125376
trans-1,3-Dichloropropene	U		0.00182	0.00594	1	06/16/2018 03:13	WG1125376
2,2-Dichloropropane	U		0.000942	0.00297	1	06/16/2018 03:13	WG1125376
Di-isopropyl ether	U		0.000416	0.00119	1	06/16/2018 03:13	WG1125376
Ethylbenzene	0.0155		0.000630	0.00297	1	06/16/2018 03:13	WG1125376
Hexachloro-1,3-butadiene	U		0.0151	0.0297	1	06/16/2018 03:13	WG1125376
Isopropylbenzene	0.00476		0.00103	0.00297	1	06/16/2018 03:13	WG1125376
p-Isopropyltoluene	0.00406	J	0.00277	0.00594	1	06/16/2018 03:13	WG1125376
2-Butanone (MEK)	0.0331		0.0148	0.0297	1	06/16/2018 03:13	WG1125376
Methylene Chloride	U		0.00789	0.0297	1	06/16/2018 03:13	WG1125376
4-Methyl-2-pentanone (MIBK)	U		0.0119	0.0297	1	06/16/2018 03:13	WG1125376

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Methyl tert-butyl ether	U		0.000350	0.00119	1	06/16/2018 03:13	WG1125376
Naphthalene	0.0425		0.00371	0.0148	1	06/16/2018 03:13	WG1125376
n-Propylbenzene	0.00615		0.00140	0.00594	1	06/16/2018 03:13	WG1125376
Styrene	U		0.00324	0.0148	1	06/16/2018 03:13	WG1125376
1,1,1,2-Tetrachloroethane	U		0.000594	0.00297	1	06/16/2018 03:13	WG1125376
1,1,2,2-Tetrachloroethane	U		0.000463	0.00297	1	06/16/2018 03:13	WG1125376
1,1,2-Trichlorotrifluoroethane	U		0.000802	0.00297	1	06/16/2018 03:13	WG1125376
Tetrachloroethene	U		0.000831	0.00297	1	06/16/2018 03:13	WG1125376
Toluene	0.0403		0.00148	0.00594	1	06/16/2018 03:13	WG1125376
1,2,3-Trichlorobenzene	U		0.000742	0.00297	1	06/16/2018 03:13	WG1125376
1,2,4-Trichlorobenzene	U		0.00573	0.0148	1	06/16/2018 03:13	WG1125376
1,1,1-Trichloroethane	U		0.000327	0.00297	1	06/16/2018 03:13	WG1125376
1,1,2-Trichloroethane	U		0.00105	0.00297	1	06/16/2018 03:13	WG1125376
Trichloroethene	U		0.000475	0.00119	1	06/16/2018 03:13	WG1125376
Trichlorofluoromethane	U		0.000594	0.00297	1	06/16/2018 03:13	WG1125376
1,2,3-Trichloropropane	U		0.00606	0.0148	1	06/16/2018 03:13	WG1125376
1,2,4-Trimethylbenzene	0.0291		0.00138	0.00594	1	06/16/2018 03:13	WG1125376
1,2,3-Trimethylbenzene	0.0139		0.00137	0.00594	1	06/16/2018 03:13	WG1125376
Vinyl chloride	U		0.000811	0.00297	1	06/16/2018 03:13	WG1125376
1,3,5-Trimethylbenzene	0.0112		0.00128	0.00594	1	06/16/2018 03:13	WG1125376
Xylenes, Total	0.137		0.00568	0.00772	1	06/16/2018 03:13	WG1125376
(S) Toluene-d8	*102*			*80.0-120*		*06/16/2018 03:13*	WG1125376
(S) Dibromofluoromethane	*97.6*			*74.0-131*		*06/16/2018 03:13*	WG1125376
(S) 4-Bromofluorobenzene	*107*			*64.0-132*		*06/16/2018 03:13*	WG1125376

Semi-Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	211		18.3	95.0	20	06/15/2018 15:33	WG1124831
(S) o-Terphenyl	*80.8*	J7		*18.0-148*		*06/15/2018 15:33*	WG1124831

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Anthracene	0.392		0.000713	0.00713	1	06/18/2018 06:17	WG1125931
Acenaphthene	0.115		0.000713	0.00713	1	06/18/2018 06:17	WG1125931
Acenaphthylene	0.0190		0.000713	0.00713	1	06/18/2018 06:17	WG1125931
Benzo(a)anthracene	0.716		0.000713	0.00713	1	06/18/2018 06:17	WG1125931
Benzo(a)pyrene	0.485		0.000713	0.00713	1	06/18/2018 06:17	WG1125931
Benzo(b)fluoranthene	0.630		0.000713	0.00713	1	06/18/2018 06:17	WG1125931
Benzo(g,h,i)perylene	0.283		0.000713	0.00713	1	06/18/2018 06:17	WG1125931
Benzo(k)fluoranthene	0.165		0.000713	0.00713	1	06/18/2018 06:17	WG1125931
Chrysene	0.650		0.000713	0.00713	1	06/18/2018 06:17	WG1125931
Dibenz(a,h)anthracene	0.0855		0.000713	0.00713	1	06/18/2018 06:17	WG1125931
Fluoranthene	1.35		0.000713	0.00713	1	06/18/2018 06:17	WG1125931
Fluorene	0.274		0.000713	0.00713	1	06/18/2018 06:17	WG1125931
Indeno(1,2,3-cd)pyrene	0.232		0.000713	0.00713	1	06/18/2018 06:17	WG1125931
Naphthalene	0.137		0.00238	0.0238	1	06/18/2018 06:17	WG1125931
Phenanthrene	1.36		0.000713	0.00713	1	06/18/2018 06:17	WG1125931
Pyrene	1.19		0.000713	0.00713	1	06/18/2018 06:17	WG1125931
1-Methylnaphthalene	0.146		0.00238	0.0238	1	06/18/2018 06:17	WG1125931
2-Methylnaphthalene	0.125		0.00238	0.0238	1	06/18/2018 06:17	WG1125931
2-Chloronaphthalene	U		0.00238	0.0238	1	06/18/2018 06:17	WG1125931
(S) p-Terphenyl-d14	*53.6*			*23.0-120*		*06/18/2018 06:17*	WG1125931
(S) Nitrobenzene-d5	*54.5*			*14.0-149*		*06/18/2018 06:17*	WG1125931

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
(S) 2-Fluorobiphenyl	*63.8*			*34.0-125*		*06/18/2018 06:17*	WG1125931

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	84.0		1	06/19/2018 09:09	WG1125517

Mercury by Method 7471A

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Mercury	0.971		0.00333	0.0238	1	06/19/2018 09:32	WG1125876

Metals (ICP) by Method 6010B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Arsenic	9.88		0.774	2.38	1	06/19/2018 23:48	WG1124879
Barium	114		0.202	0.595	1	06/19/2018 23:48	WG1124879
Cadmium	0.565	J	0.0834	0.595	1	06/19/2018 23:48	WG1124879
Chromium	9.66		0.167	1.19	1	06/19/2018 23:48	WG1124879
Lead	350		0.226	0.595	1	06/19/2018 23:48	WG1124879
Selenium	U		0.881	2.38	1	06/19/2018 23:48	WG1124879
Silver	U		0.333	1.19	1	06/19/2018 23:48	WG1124879

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
TPH (GC/FID) Low Fraction	U		0.0258	0.119	1	06/19/2018 02:51	WG1126298
(S) a,a,a-Trifluorotoluene(FID)	*99.4*			*77.0-120*		*06/19/2018 02:51*	WG1126298

Semi-Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
TPH (GC/FID) High Fraction	53.9		9.16	47.6	10	06/15/2018 17:11	WG1124831
(S) o-Terphenyl	*72.4*			*18.0-148*		*06/15/2018 17:11*	WG1124831

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Anthracene	0.132		0.000714	0.00714	1	06/18/2018 06:38	WG1125931
Acenaphthene	0.0218		0.000714	0.00714	1	06/18/2018 06:38	WG1125931
Acenaphthylene	0.00505	J	0.000714	0.00714	1	06/18/2018 06:38	WG1125931
Benzo(a)anthracene	0.525		0.000714	0.00714	1	06/18/2018 06:38	WG1125931
Benzo(a)pyrene	0.442		0.000714	0.00714	1	06/18/2018 06:38	WG1125931
Benzo(b)fluoranthene	0.729		0.000714	0.00714	1	06/18/2018 06:38	WG1125931
Benzo(g,h,i)perylene	0.331		0.000714	0.00714	1	06/18/2018 06:38	WG1125931
Benzo(k)fluoranthene	0.197		0.000714	0.00714	1	06/18/2018 06:38	WG1125931
Chrysene	0.532		0.000714	0.00714	1	06/18/2018 06:38	WG1125931
Dibenz(a,h)anthracene	0.0977		0.000714	0.00714	1	06/18/2018 06:38	WG1125931
Fluoranthene	0.703		0.000714	0.00714	1	06/18/2018 06:38	WG1125931
Fluorene	0.0246		0.000714	0.00714	1	06/18/2018 06:38	WG1125931
Indeno(1,2,3-cd)pyrene	0.264		0.000714	0.00714	1	06/18/2018 06:38	WG1125931
Naphthalene	0.177		0.00238	0.0238	1	06/18/2018 06:38	WG1125931
Phenanthrene	0.433		0.000714	0.00714	1	06/18/2018 06:38	WG1125931
Pyrene	0.770		0.000714	0.00714	1	06/18/2018 06:38	WG1125931
1-Methylnaphthalene	0.171		0.00238	0.0238	1	06/18/2018 06:38	WG1125931
2-Methylnaphthalene	0.190		0.00238	0.0238	1	06/18/2018 06:38	WG1125931
2-Chloronaphthalene	U		0.00238	0.0238	1	06/18/2018 06:38	WG1125931
(S) p-Terphenyl-d14	*75.6*			*23.0-120*		*06/18/2018 06:38*	WG1125931

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
(S) Nitrobenzene-d5	*66.1*			*14.0-149*		*06/18/2018 06:38*	WG1125931
(S) 2-Fluorobiphenyl	*69.3*			*34.0-125*		*06/18/2018 06:38*	WG1125931

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	78.8		1	06/19/2018 09:09	WG1125517

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
TPH (GC/FID) Low Fraction	U		0.0275	0.127	1	06/19/2018 16:50	WG1126611
(S) a,a,a-Trifluorotoluene(FID)	*97.9*			*77.0-120*		*06/19/2018 16:50*	WG1126611

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acetone	U		0.0174	0.0317	1	06/19/2018 00:47	WG1126338
Acrylonitrile	U		0.00241	0.0159	1	06/19/2018 00:47	WG1126338
Benzene	U		0.000508	0.00127	1	06/19/2018 00:47	WG1126338
Bromobenzene	U		0.00133	0.0159	1	06/19/2018 00:47	WG1126338
Bromodichloromethane	U		0.00100	0.00317	1	06/19/2018 00:47	WG1126338
Bromoform	U		0.00759	0.0317	1	06/19/2018 00:47	WG1126338
Bromomethane	U		0.00469	0.0159	1	06/19/2018 00:47	WG1126338
n-Butylbenzene	U		0.00487	0.0159	1	06/19/2018 00:47	WG1126338
sec-Butylbenzene	U		0.00321	0.0159	1	06/19/2018 00:47	WG1126338
tert-Butylbenzene	U		0.00197	0.00634	1	06/19/2018 00:47	WG1126338
Carbon tetrachloride	U		0.00137	0.00634	1	06/19/2018 00:47	WG1126338
Chlorobenzene	U		0.000727	0.00317	1	06/19/2018 00:47	WG1126338
Chlorodibromomethane	U		0.000571	0.00317	1	06/19/2018 00:47	WG1126338
Chloroethane	U		0.00137	0.00634	1	06/19/2018 00:47	WG1126338
Chloroform	U		0.000527	0.00317	1	06/19/2018 00:47	WG1126338
Chloromethane	U	J4	0.00176	0.0159	1	06/19/2018 00:47	WG1126338
2-Chlorotoluene	U		0.00117	0.00317	1	06/19/2018 00:47	WG1126338
4-Chlorotoluene	U		0.00143	0.00634	1	06/19/2018 00:47	WG1126338
1,2-Dibromo-3-Chloropropane	U		0.00647	0.0317	1	06/19/2018 00:47	WG1126338
1,2-Dibromoethane	U		0.000666	0.00317	1	06/19/2018 00:47	WG1126338
Dibromomethane	U		0.00127	0.00634	1	06/19/2018 00:47	WG1126338
1,2-Dichlorobenzene	U		0.00184	0.00634	1	06/19/2018 00:47	WG1126338
1,3-Dichlorobenzene	U		0.00216	0.00634	1	06/19/2018 00:47	WG1126338
1,4-Dichlorobenzene	U		0.00250	0.00634	1	06/19/2018 00:47	WG1126338
Dichlorodifluoromethane	U		0.00104	0.00317	1	06/19/2018 00:47	WG1126338
1,1-Dichloroethane	U		0.000730	0.00317	1	06/19/2018 00:47	WG1126338
1,2-Dichloroethane	U		0.000603	0.00317	1	06/19/2018 00:47	WG1126338
1,1-Dichloroethene	U		0.000634	0.00317	1	06/19/2018 00:47	WG1126338
cis-1,2-Dichloroethene	U		0.000875	0.00317	1	06/19/2018 00:47	WG1126338
trans-1,2-Dichloroethene	U		0.00181	0.00634	1	06/19/2018 00:47	WG1126338
1,2-Dichloropropane	U		0.00161	0.00634	1	06/19/2018 00:47	WG1126338
1,1-Dichloropropene	U		0.000888	0.00317	1	06/19/2018 00:47	WG1126338
1,3-Dichloropropane	U		0.00222	0.00634	1	06/19/2018 00:47	WG1126338
cis-1,3-Dichloropropene	U		0.000860	0.00317	1	06/19/2018 00:47	WG1126338
trans-1,3-Dichloropropene	U		0.00194	0.00634	1	06/19/2018 00:47	WG1126338
2,2-Dichloropropane	U		0.00101	0.00317	1	06/19/2018 00:47	WG1126338
Di-isopropyl ether	U		0.000444	0.00127	1	06/19/2018 00:47	WG1126338
Ethylbenzene	U		0.000672	0.00317	1	06/19/2018 00:47	WG1126338
Hexachloro-1,3-butadiene	U		0.0161	0.0317	1	06/19/2018 00:47	WG1126338
Isopropylbenzene	U		0.00109	0.00317	1	06/19/2018 00:47	WG1126338
p-Isopropyltoluene	0.0441		0.00296	0.00634	1	06/19/2018 00:47	WG1126338
2-Butanone (MEK)	0.0318		0.0159	0.0317	1	06/19/2018 00:47	WG1126338
Methylene Chloride	U		0.00842	0.0317	1	06/19/2018 00:47	WG1126338
4-Methyl-2-pentanone (MIBK)	U		0.0127	0.0317	1	06/19/2018 00:47	WG1126338

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Methyl tert-butyl ether	U		0.000374	0.00127	1	06/19/2018 00:47	WG1126338
Naphthalene	U		0.00396	0.0159	1	06/19/2018 00:47	WG1126338
n-Propylbenzene	U		0.00150	0.00634	1	06/19/2018 00:47	WG1126338
Styrene	U		0.00346	0.0159	1	06/19/2018 00:47	WG1126338
1,1,1,2-Tetrachloroethane	U		0.000634	0.00317	1	06/19/2018 00:47	WG1126338
1,1,2,2-Tetrachloroethane	U		0.000495	0.00317	1	06/19/2018 00:47	WG1126338
1,1,2-Trichlorotrifluoroethane	U		0.000856	0.00317	1	06/19/2018 00:47	WG1126338
Tetrachloroethene	U		0.000888	0.00317	1	06/19/2018 00:47	WG1126338
Toluene	U		0.00159	0.00634	1	06/19/2018 00:47	WG1126338
1,2,3-Trichlorobenzene	U		0.000793	0.00317	1	06/19/2018 00:47	WG1126338
1,2,4-Trichlorobenzene	U		0.00612	0.0159	1	06/19/2018 00:47	WG1126338
1,1,1-Trichloroethane	U		0.000349	0.00317	1	06/19/2018 00:47	WG1126338
1,1,2-Trichloroethane	U		0.00112	0.00317	1	06/19/2018 00:47	WG1126338
Trichloroethene	U		0.000508	0.00127	1	06/19/2018 00:47	WG1126338
Trichlorofluoromethane	U		0.000634	0.00317	1	06/19/2018 00:47	WG1126338
1,2,3-Trichloropropane	U		0.00647	0.0159	1	06/19/2018 00:47	WG1126338
1,2,4-Trimethylbenzene	U		0.00147	0.00634	1	06/19/2018 00:47	WG1126338
1,2,3-Trimethylbenzene	U		0.00146	0.00634	1	06/19/2018 00:47	WG1126338
Vinyl chloride	U		0.000867	0.00317	1	06/19/2018 00:47	WG1126338
1,3,5-Trimethylbenzene	U		0.00137	0.00634	1	06/19/2018 00:47	WG1126338
Xylenes, Total	U		0.00606	0.00825	1	06/19/2018 00:47	WG1126338
(S) Toluene-d8	*101*			*80.0-120*		*06/19/2018 00:47*	WG1126338
(S) Dibromofluoromethane	*93.7*			*74.0-131*		*06/19/2018 00:47*	WG1126338
(S) 4-Bromofluorobenzene	*103*			*64.0-132*		*06/19/2018 00:47*	WG1126338

Semi-Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	3.08	J	0.976	5.08	1	06/15/2018 12:49	WG1124831
(S) o-Terphenyl	*98.2*			*18.0-148*		*06/15/2018 12:49*	WG1124831

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Anthracene	U		0.000761	0.00761	1	06/18/2018 04:49	WG1125931
Acenaphthene	U		0.000761	0.00761	1	06/18/2018 04:49	WG1125931
Acenaphthylene	U		0.000761	0.00761	1	06/18/2018 04:49	WG1125931
Benzo(a)anthracene	U		0.000761	0.00761	1	06/18/2018 04:49	WG1125931
Benzo(a)pyrene	U		0.000761	0.00761	1	06/18/2018 04:49	WG1125931
Benzo(b)fluoranthene	U		0.000761	0.00761	1	06/18/2018 04:49	WG1125931
Benzo(g,h,i)perylene	U		0.000761	0.00761	1	06/18/2018 04:49	WG1125931
Benzo(k)fluoranthene	U		0.000761	0.00761	1	06/18/2018 04:49	WG1125931
Chrysene	U		0.000761	0.00761	1	06/18/2018 04:49	WG1125931
Dibenz(a,h)anthracene	U		0.000761	0.00761	1	06/18/2018 04:49	WG1125931
Fluoranthene	U		0.000761	0.00761	1	06/18/2018 04:49	WG1125931
Fluorene	U		0.000761	0.00761	1	06/18/2018 04:49	WG1125931
Indeno(1,2,3-cd)pyrene	U		0.000761	0.00761	1	06/18/2018 04:49	WG1125931
Naphthalene	U		0.00254	0.0254	1	06/18/2018 04:49	WG1125931
Phenanthrene	U		0.000761	0.00761	1	06/18/2018 04:49	WG1125931
Pyrene	0.000804	J	0.000761	0.00761	1	06/18/2018 04:49	WG1125931
1-Methylnaphthalene	U		0.00254	0.0254	1	06/18/2018 04:49	WG1125931
2-Methylnaphthalene	U		0.00254	0.0254	1	06/18/2018 04:49	WG1125931
2-Chloronaphthalene	U		0.00254	0.0254	1	06/18/2018 04:49	WG1125931
(S) p-Terphenyl-d14	*77.0*			*23.0-120*		*06/18/2018 04:49*	WG1125931
(S) Nitrobenzene-d5	*67.3*			*14.0-149*		*06/18/2018 04:49*	WG1125931

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
(S) 2-Fluorobiphenyl	*70.6*			*34.0-125*		*06/18/2018 04:49*	WG1125931

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	79.5		1	06/19/2018 09:09	WG1125517

Mercury by Method 7471A

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Mercury	0.151		0.00352	0.0251	1	06/19/2018 09:35	WG1125876

Metals (ICP) by Method 6010B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Arsenic	4.99		0.817	2.51	1	06/19/2018 23:51	WG1124879
Barium	49.9		0.214	0.629	1	06/19/2018 23:51	WG1124879
Cadmium	0.966		0.0880	0.629	1	06/19/2018 23:51	WG1124879
Chromium	10.5		0.176	1.26	1	06/19/2018 23:51	WG1124879
Lead	72.4		0.239	0.629	1	06/19/2018 23:51	WG1124879
Selenium	U		0.931	2.51	1	06/19/2018 23:51	WG1124879
Silver	U		0.352	1.26	1	06/19/2018 23:51	WG1124879

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
TPH (GC/FID) Low Fraction	4.55		0.0273	0.126	1	06/19/2018 03:33	WG1126298
(S) a,a,a-Trifluorotoluene(FID)	*100*			*77.0-120*		*06/19/2018 03:33*	WG1126298

Semi-Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
TPH (GC/FID) High Fraction	79.6		9.67	50.3	10	06/15/2018 17:22	WG1124831
(S) o-Terphenyl	*65.8*			*18.0-148*		*06/15/2018 17:22*	WG1124831

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Anthracene	0.424		0.000754	0.00754	1	06/20/2018 06:04	WG1125932
Acenaphthene	0.0221		0.000754	0.00754	1	06/20/2018 06:04	WG1125932
Acenaphthylene	0.481		0.000754	0.00754	1	06/20/2018 06:04	WG1125932
Benzo(a)anthracene	2.12		0.000754	0.00754	1	06/20/2018 06:04	WG1125932
Benzo(a)pyrene	2.04		0.000754	0.00754	1	06/20/2018 06:04	WG1125932
Benzo(b)fluoranthene	3.45		0.000754	0.00754	1	06/20/2018 06:04	WG1125932
Benzo(g,h,i)perylene	1.30		0.000754	0.00754	1	06/20/2018 06:04	WG1125932
Benzo(k)fluoranthene	1.36		0.000754	0.00754	1	06/20/2018 06:04	WG1125932
Chrysene	1.60		0.000754	0.00754	1	06/20/2018 06:04	WG1125932
Dibenz(a,h)anthracene	0.472		0.000754	0.00754	1	06/20/2018 06:04	WG1125932
Fluoranthene	2.39		0.000754	0.00754	1	06/20/2018 06:04	WG1125932
Fluorene	0.0220		0.000754	0.00754	1	06/20/2018 06:04	WG1125932
Indeno(1,2,3-cd)pyrene	1.19		0.000754	0.00754	1	06/20/2018 06:04	WG1125932
Naphthalene	0.763		0.00251	0.0251	1	06/20/2018 06:04	WG1125932
Phenanthrene	0.610		0.000754	0.00754	1	06/20/2018 06:04	WG1125932
Pyrene	3.48		0.000754	0.00754	1	06/20/2018 06:04	WG1125932
1-Methylnaphthalene	0.949		0.00251	0.0251	1	06/20/2018 06:04	WG1125932
2-Methylnaphthalene	1.09		0.00251	0.0251	1	06/20/2018 06:04	WG1125932
2-Chloronaphthalene	U		0.00251	0.0251	1	06/20/2018 06:04	WG1125932
(S) p-Terphenyl-d14	*76.2*			*23.0-120*		*06/20/2018 06:04*	WG1125932

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
(S) Nitrobenzene-d5	*107*			*14.0-149*		*06/20/2018 06:04*	WG1125932
(S) 2-Fluorobiphenyl	*71.6*			*34.0-125*		*06/20/2018 06:04*	WG1125932

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	68.4		1	06/19/2018 09:09	WG1125517

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
TPH (GC/FID) Low Fraction	1.34		0.0317	0.146	1	06/19/2018 16:26	WG1126611
(S) a,a,a-Trifluorotoluene(FID)	*98.3*			*77.0-120*		*06/19/2018 16:26*	WG1126611

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acetone	0.0677		0.0200	0.0366	1	06/19/2018 01:05	WG1126338
Acrylonitrile	U		0.00278	0.0183	1	06/19/2018 01:05	WG1126338
Benzene	0.0822		0.000585	0.00146	1	06/19/2018 01:05	WG1126338
Bromobenzene	U		0.00154	0.0183	1	06/19/2018 01:05	WG1126338
Bromodichloromethane	U		0.00115	0.00366	1	06/19/2018 01:05	WG1126338
Bromoform	U		0.00874	0.0366	1	06/19/2018 01:05	WG1126338
Bromomethane	U		0.00541	0.0183	1	06/19/2018 01:05	WG1126338
n-Butylbenzene	U		0.00561	0.0183	1	06/19/2018 01:05	WG1126338
sec-Butylbenzene	U		0.00370	0.0183	1	06/19/2018 01:05	WG1126338
tert-Butylbenzene	U		0.00227	0.00731	1	06/19/2018 01:05	WG1126338
Carbon tetrachloride	U		0.00158	0.00731	1	06/19/2018 01:05	WG1126338
Chlorobenzene	U		0.000838	0.00366	1	06/19/2018 01:05	WG1126338
Chlorodibromomethane	U		0.000658	0.00366	1	06/19/2018 01:05	WG1126338
Chloroethane	U		0.00158	0.00731	1	06/19/2018 01:05	WG1126338
Chloroform	U		0.000607	0.00366	1	06/19/2018 01:05	WG1126338
Chloromethane	U	J4	0.00203	0.0183	1	06/19/2018 01:05	WG1126338
2-Chlorotoluene	U		0.00135	0.00366	1	06/19/2018 01:05	WG1126338
4-Chlorotoluene	U		0.00165	0.00731	1	06/19/2018 01:05	WG1126338
1,2-Dibromo-3-Chloropropane	U		0.00746	0.0366	1	06/19/2018 01:05	WG1126338
1,2-Dibromoethane	U		0.000768	0.00366	1	06/19/2018 01:05	WG1126338
Dibromomethane	U		0.00146	0.00731	1	06/19/2018 01:05	WG1126338
1,2-Dichlorobenzene	U		0.00212	0.00731	1	06/19/2018 01:05	WG1126338
1,3-Dichlorobenzene	U		0.00249	0.00731	1	06/19/2018 01:05	WG1126338
1,4-Dichlorobenzene	U		0.00288	0.00731	1	06/19/2018 01:05	WG1126338
Dichlorodifluoromethane	U		0.00120	0.00366	1	06/19/2018 01:05	WG1126338
1,1-Dichloroethane	U		0.000841	0.00366	1	06/19/2018 01:05	WG1126338
1,2-Dichloroethane	U		0.000695	0.00366	1	06/19/2018 01:05	WG1126338
1,1-Dichloroethene	U		0.000731	0.00366	1	06/19/2018 01:05	WG1126338
cis-1,2-Dichloroethene	U		0.00101	0.00366	1	06/19/2018 01:05	WG1126338
trans-1,2-Dichloroethene	U		0.00209	0.00731	1	06/19/2018 01:05	WG1126338
1,2-Dichloropropane	U		0.00186	0.00731	1	06/19/2018 01:05	WG1126338
1,1-Dichloropropene	U		0.00102	0.00366	1	06/19/2018 01:05	WG1126338
1,3-Dichloropropane	U		0.00256	0.00731	1	06/19/2018 01:05	WG1126338
cis-1,3-Dichloropropene	U		0.000991	0.00366	1	06/19/2018 01:05	WG1126338
trans-1,3-Dichloropropene	U		0.00224	0.00731	1	06/19/2018 01:05	WG1126338
2,2-Dichloropropane	U		0.00116	0.00366	1	06/19/2018 01:05	WG1126338
Di-isopropyl ether	U		0.000512	0.00146	1	06/19/2018 01:05	WG1126338
Ethylbenzene	0.143		0.000775	0.00366	1	06/19/2018 01:05	WG1126338
Hexachloro-1,3-butadiene	U		0.0186	0.0366	1	06/19/2018 01:05	WG1126338
Isopropylbenzene	0.00176	J	0.00126	0.00366	1	06/19/2018 01:05	WG1126338
p-Isopropyltoluene	0.0508		0.00341	0.00731	1	06/19/2018 01:05	WG1126338
2-Butanone (MEK)	0.0685		0.0183	0.0366	1	06/19/2018 01:05	WG1126338
Methylene Chloride	U		0.00971	0.0366	1	06/19/2018 01:05	WG1126338
4-Methyl-2-pentanone (MIBK)	U		0.0146	0.0366	1	06/19/2018 01:05	WG1126338

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Methyl tert-butyl ether	0.0790		0.000431	0.00146	1	06/19/2018 01:05	WG1126338
Naphthalene	0.179		0.00456	0.0183	1	06/19/2018 01:05	WG1126338
n-Propylbenzene	0.00254	J	0.00173	0.00731	1	06/19/2018 01:05	WG1126338
Styrene	U		0.00399	0.0183	1	06/19/2018 01:05	WG1126338
1,1,1,2-Tetrachloroethane	U		0.000731	0.00366	1	06/19/2018 01:05	WG1126338
1,1,2,2-Tetrachloroethane	U		0.000570	0.00366	1	06/19/2018 01:05	WG1126338
1,1,2-Trichlorotrifluoroethane	U		0.000987	0.00366	1	06/19/2018 01:05	WG1126338
Tetrachloroethene	U		0.00102	0.00366	1	06/19/2018 01:05	WG1126338
Toluene	0.128		0.00183	0.00731	1	06/19/2018 01:05	WG1126338
1,2,3-Trichlorobenzene	U		0.000914	0.00366	1	06/19/2018 01:05	WG1126338
1,2,4-Trichlorobenzene	U		0.00705	0.0183	1	06/19/2018 01:05	WG1126338
1,1,1-Trichloroethane	U		0.000402	0.00366	1	06/19/2018 01:05	WG1126338
1,1,2-Trichloroethane	U		0.00129	0.00366	1	06/19/2018 01:05	WG1126338
Trichloroethene	U		0.000585	0.00146	1	06/19/2018 01:05	WG1126338
Trichlorofluoromethane	U		0.000731	0.00366	1	06/19/2018 01:05	WG1126338
1,2,3-Trichloropropane	U		0.00746	0.0183	1	06/19/2018 01:05	WG1126338
1,2,4-Trimethylbenzene	0.194		0.00170	0.00731	1	06/19/2018 01:05	WG1126338
1,2,3-Trimethylbenzene	0.00710	J	0.00168	0.00731	1	06/19/2018 01:05	WG1126338
Vinyl chloride	U		0.000999	0.00366	1	06/19/2018 01:05	WG1126338
1,3,5-Trimethylbenzene	0.00597	J	0.00158	0.00731	1	06/19/2018 01:05	WG1126338
Xylenes, Total	0.477		0.00699	0.00950	1	06/19/2018 01:05	WG1126338
(S) Toluene-d8	*94.4*			*80.0-120*		*06/19/2018 01:05*	WG1126338
(S) Dibromofluoromethane	*95.7*			*74.0-131*		*06/19/2018 01:05*	WG1126338
(S) 4-Bromofluorobenzene	*105*			*64.0-132*		*06/19/2018 01:05*	WG1126338

Semi-Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	10.8		1.12	5.85	1	06/15/2018 13:33	WG1124831
(S) o-Terphenyl	*33.2*			*18.0-148*		*06/15/2018 13:33*	WG1124831

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Anthracene	0.188		0.000877	0.00877	1	06/20/2018 06:26	WG1125932
Acenaphthene	0.0157		0.000877	0.00877	1	06/20/2018 06:26	WG1125932
Acenaphthylene	0.0362		0.000877	0.00877	1	06/20/2018 06:26	WG1125932
Benzo(a)anthracene	1.12		0.000877	0.00877	1	06/20/2018 06:26	WG1125932
Benzo(a)pyrene	0.928		0.000877	0.00877	1	06/20/2018 06:26	WG1125932
Benzo(b)fluoranthene	1.07		0.000877	0.00877	1	06/20/2018 06:26	WG1125932
Benzo(g,h,i)perylene	0.459		0.000877	0.00877	1	06/20/2018 06:26	WG1125932
Benzo(k)fluoranthene	0.444		0.000877	0.00877	1	06/20/2018 06:26	WG1125932
Chrysene	0.894		0.000877	0.00877	1	06/20/2018 06:26	WG1125932
Dibenz(a,h)anthracene	0.139		0.000877	0.00877	1	06/20/2018 06:26	WG1125932
Fluoranthene	1.69		0.000877	0.00877	1	06/20/2018 06:26	WG1125932
Fluorene	0.0379		0.000877	0.00877	1	06/20/2018 06:26	WG1125932
Indeno(1,2,3-cd)pyrene	0.414		0.000877	0.00877	1	06/20/2018 06:26	WG1125932
Naphthalene	0.171		0.00292	0.0292	1	06/20/2018 06:26	WG1125932
Phenanthrene	0.476		0.000877	0.00877	1	06/20/2018 06:26	WG1125932
Pyrene	1.53		0.000877	0.00877	1	06/20/2018 06:26	WG1125932
1-Methylnaphthalene	0.0154	J	0.00292	0.0292	1	06/20/2018 06:26	WG1125932
2-Methylnaphthalene	0.0417		0.00292	0.0292	1	06/20/2018 06:26	WG1125932
2-Chloronaphthalene	U		0.00292	0.0292	1	06/20/2018 06:26	WG1125932
(S) p-Terphenyl-d14	*78.0*			*23.0-120*		*06/20/2018 06:26*	WG1125932
(S) Nitrobenzene-d5	*68.0*			*14.0-149*		*06/20/2018 06:26*	WG1125932

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
(S) 2-Fluorobiphenyl	*79.6*			*34.0-125*		*06/20/2018 06:26*	WG1125932

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	77.6		1	06/19/2018 09:09	WG1125517

Mercury by Method 7471A

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Mercury	0.0469		0.00361	0.0258	1	06/19/2018 09:39	WG1125876

Metals (ICP) by Method 6010B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Arsenic	3.65		0.838	2.58	1	06/19/2018 23:53	WG1124879
Barium	42.2		0.219	0.645	1	06/19/2018 23:53	WG1124879
Cadmium	U		0.0902	0.645	1	06/19/2018 23:53	WG1124879
Chromium	13.4		0.180	1.29	1	06/19/2018 23:53	WG1124879
Lead	17.1		0.245	0.645	1	06/19/2018 23:53	WG1124879
Selenium	U		0.954	2.58	1	06/19/2018 23:53	WG1124879
Silver	U		0.361	1.29	1	06/19/2018 23:53	WG1124879

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
TPH (GC/FID) Low Fraction	0.0610	J	0.0280	0.129	1	06/19/2018 04:15	WG1126298
(S) a,a,a-Trifluorotoluene(FID)	*103*			*77.0-120*		*06/19/2018 04:15*	WG1126298

Semi-Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
TPH (GC/FID) High Fraction	2.20	J	0.991	5.16	1	06/15/2018 12:38	WG1124831
(S) o-Terphenyl	*45.4*			*18.0-148*		*06/15/2018 12:38*	WG1124831

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Anthracene	U		0.000773	0.00773	1	06/20/2018 03:31	WG1125932
Acenaphthene	U		0.000773	0.00773	1	06/20/2018 03:31	WG1125932
Acenaphthylene	U		0.000773	0.00773	1	06/20/2018 03:31	WG1125932
Benzo(a)anthracene	0.00107	J	0.000773	0.00773	1	06/20/2018 03:31	WG1125932
Benzo(a)pyrene	0.000856	J	0.000773	0.00773	1	06/20/2018 03:31	WG1125932
Benzo(b)fluoranthene	0.00149	J	0.000773	0.00773	1	06/20/2018 03:31	WG1125932
Benzo(g,h,i)perylene	0.00100	J	0.000773	0.00773	1	06/20/2018 03:31	WG1125932
Benzo(k)fluoranthene	0.000791	J	0.000773	0.00773	1	06/20/2018 03:31	WG1125932
Chrysene	0.00127	J	0.000773	0.00773	1	06/20/2018 03:31	WG1125932
Dibenz(a,h)anthracene	U		0.000773	0.00773	1	06/20/2018 03:31	WG1125932
Fluoranthene	0.00198	J	0.000773	0.00773	1	06/20/2018 03:31	WG1125932
Fluorene	U		0.000773	0.00773	1	06/20/2018 03:31	WG1125932
Indeno(1,2,3-cd)pyrene	0.000800	J	0.000773	0.00773	1	06/20/2018 03:31	WG1125932
Naphthalene	U		0.00258	0.0258	1	06/20/2018 03:31	WG1125932
Phenanthrene	0.00106	J	0.000773	0.00773	1	06/20/2018 03:31	WG1125932
Pyrene	0.00181	J	0.000773	0.00773	1	06/20/2018 03:31	WG1125932
1-Methylnaphthalene	U		0.00258	0.0258	1	06/20/2018 03:31	WG1125932
2-Methylnaphthalene	U		0.00258	0.0258	1	06/20/2018 03:31	WG1125932
2-Chloronaphthalene	U		0.00258	0.0258	1	06/20/2018 03:31	WG1125932
(S) p-Terphenyl-d14	*61.0*			*23.0-120*		*06/20/2018 03:31*	WG1125932

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
(S) Nitrobenzene-d5	*79.8*			*14.0-149*		*06/20/2018 03:31*	WG1125932
(S) 2-Fluorobiphenyl	*63.1*			*34.0-125*		*06/20/2018 03:31*	WG1125932

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	90.4		1	06/19/2018 09:09	WG1125517

Mercury by Method 7471A

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Mercury	U		0.00310	0.0221	1	06/19/2018 09:42	WG1125876

Metals (ICP) by Method 6010B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Arsenic	0.982	J	0.719	2.21	1	06/19/2018 23:56	WG1124879
Barium	11.6		0.188	0.553	1	06/19/2018 23:56	WG1124879
Cadmium	0.204	J	0.0775	0.553	1	06/19/2018 23:56	WG1124879
Chromium	4.53		0.155	1.11	1	06/19/2018 23:56	WG1124879
Lead	4.96		0.210	0.553	1	06/19/2018 23:56	WG1124879
Selenium	U		0.819	2.21	1	06/19/2018 23:56	WG1124879
Silver	U		0.310	1.11	1	06/19/2018 23:56	WG1124879

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Anthracene	U		0.000664	0.00664	1	06/20/2018 03:52	WG1125932
Acenaphthene	U		0.000664	0.00664	1	06/20/2018 03:52	WG1125932
Acenaphthylene	U		0.000664	0.00664	1	06/20/2018 03:52	WG1125932
Benzo(a)anthracene	0.00143	J	0.000664	0.00664	1	06/20/2018 03:52	WG1125932
Benzo(a)pyrene	0.00166	J	0.000664	0.00664	1	06/20/2018 03:52	WG1125932
Benzo(b)fluoranthene	0.00273	J	0.000664	0.00664	1	06/20/2018 03:52	WG1125932
Benzo(g,h,i)perylene	0.00205	J	0.000664	0.00664	1	06/20/2018 03:52	WG1125932
Benzo(k)fluoranthene	0.000809	J	0.000664	0.00664	1	06/20/2018 03:52	WG1125932
Chrysene	0.00163	J	0.000664	0.00664	1	06/20/2018 03:52	WG1125932
Dibenz(a,h)anthracene	U		0.000664	0.00664	1	06/20/2018 03:52	WG1125932
Fluoranthene	0.00287	J	0.000664	0.00664	1	06/20/2018 03:52	WG1125932
Fluorene	U		0.000664	0.00664	1	06/20/2018 03:52	WG1125932
Indeno(1,2,3-cd)pyrene	0.00136	J	0.000664	0.00664	1	06/20/2018 03:52	WG1125932
Naphthalene	U		0.00221	0.0221	1	06/20/2018 03:52	WG1125932
Phenanthrene	0.00116	J	0.000664	0.00664	1	06/20/2018 03:52	WG1125932
Pyrene	0.00260	J	0.000664	0.00664	1	06/20/2018 03:52	WG1125932
1-Methylnaphthalene	U		0.00221	0.0221	1	06/20/2018 03:52	WG1125932
2-Methylnaphthalene	U		0.00221	0.0221	1	06/20/2018 03:52	WG1125932
2-Chloronaphthalene	U		0.00221	0.0221	1	06/20/2018 03:52	WG1125932
(S) p-Terphenyl-d14	*86.6*			*23.0-120*		*06/20/2018 03:52*	WG1125932
(S) Nitrobenzene-d5	*100*			*14.0-149*		*06/20/2018 03:52*	WG1125932
(S) 2-Fluorobiphenyl	*93.5*			*34.0-125*		*06/20/2018 03:52*	WG1125932

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	87.3		1	06/19/2018 09:09	WG1125517

Mercury by Method 7471A

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Mercury	0.00369	J	0.00321	0.0229	1	06/19/2018 09:44	WG1125876

Metals (ICP) by Method 6010B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Arsenic	1.24	J	0.745	2.29	1	06/19/2018 23:58	WG1124879
Barium	12.5		0.195	0.573	1	06/19/2018 23:58	WG1124879
Cadmium	0.0870	J	0.0802	0.573	1	06/19/2018 23:58	WG1124879
Chromium	6.41		0.160	1.15	1	06/19/2018 23:58	WG1124879
Lead	11.0		0.218	0.573	1	06/19/2018 23:58	WG1124879
Selenium	U		0.848	2.29	1	06/19/2018 23:58	WG1124879
Silver	U		0.321	1.15	1	06/19/2018 23:58	WG1124879

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Anthracene	0.00126	J	0.000687	0.00687	1	06/20/2018 04:14	WG1125932
Acenaphthene	U		0.000687	0.00687	1	06/20/2018 04:14	WG1125932
Acenaphthylene	U		0.000687	0.00687	1	06/20/2018 04:14	WG1125932
Benzo(a)anthracene	0.00531	J	0.000687	0.00687	1	06/20/2018 04:14	WG1125932
Benzo(a)pyrene	0.00579	J	0.000687	0.00687	1	06/20/2018 04:14	WG1125932
Benzo(b)fluoranthene	0.0100		0.000687	0.00687	1	06/20/2018 04:14	WG1125932
Benzo(g,h,i)perylene	0.00661	J	0.000687	0.00687	1	06/20/2018 04:14	WG1125932
Benzo(k)fluoranthene	0.00298	J	0.000687	0.00687	1	06/20/2018 04:14	WG1125932
Chrysene	0.00690		0.000687	0.00687	1	06/20/2018 04:14	WG1125932
Dibenz(a,h)anthracene	0.00139	J	0.000687	0.00687	1	06/20/2018 04:14	WG1125932
Fluoranthene	0.0107		0.000687	0.00687	1	06/20/2018 04:14	WG1125932
Fluorene	U		0.000687	0.00687	1	06/20/2018 04:14	WG1125932
Indeno(1,2,3-cd)pyrene	0.00442	J	0.000687	0.00687	1	06/20/2018 04:14	WG1125932
Naphthalene	0.00664	J	0.00229	0.0229	1	06/20/2018 04:14	WG1125932
Phenanthrene	0.00851		0.000687	0.00687	1	06/20/2018 04:14	WG1125932
Pyrene	0.00943		0.000687	0.00687	1	06/20/2018 04:14	WG1125932
1-Methylnaphthalene	0.00584	J	0.00229	0.0229	1	06/20/2018 04:14	WG1125932
2-Methylnaphthalene	0.00733	J	0.00229	0.0229	1	06/20/2018 04:14	WG1125932
2-Chloronaphthalene	U		0.00229	0.0229	1	06/20/2018 04:14	WG1125932
(S) p-Terphenyl-d14	*85.9*			*23.0-120*		*06/20/2018 04:14*	WG1125932
(S) Nitrobenzene-d5	*92.5*			*14.0-149*		*06/20/2018 04:14*	WG1125932
(S) 2-Fluorobiphenyl	*81.9*			*34.0-125*		*06/20/2018 04:14*	WG1125932

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	84.9		1	06/18/2018 16:22	WG1125518

Mercury by Method 7471A

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Mercury	U		0.00330	0.0236	1	06/19/2018 09:47	WG1125876

Metals (ICP) by Method 6010B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Arsenic	18.2		0.766	2.36	1	06/20/2018 00:01	WG1124879
Barium	223		0.200	0.589	1	06/20/2018 00:01	WG1124879
Cadmium	0.199	J	0.0825	0.589	1	06/20/2018 00:01	WG1124879
Chromium	12.0		0.165	1.18	1	06/20/2018 00:01	WG1124879
Lead	61.5		0.224	0.589	1	06/20/2018 00:01	WG1124879
Selenium	1.00	B J	0.872	2.36	1	06/20/2018 00:01	WG1124879
Silver	U		0.330	1.18	1	06/20/2018 00:01	WG1124879

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
TPH (GC/FID) Low Fraction	0.0317	J	0.0256	0.118	1	06/19/2018 04:36	WG1126298
(S) a,a,a-Trifluorotoluene(FID)	*99.4*			*77.0-120*		*06/19/2018 04:36*	WG1126298

Semi-Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
TPH (GC/FID) High Fraction	31.7		1.81	9.43	2	06/15/2018 13:54	WG1124831
(S) o-Terphenyl	*62.0*			*18.0-148*		*06/15/2018 13:54*	WG1124831

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Anthracene	0.191		0.000707	0.00707	1	06/20/2018 06:48	WG1125932
Acenaphthene	0.00786		0.000707	0.00707	1	06/20/2018 06:48	WG1125932
Acenaphthylene	U		0.000707	0.00707	1	06/20/2018 06:48	WG1125932
Benzo(a)anthracene	1.62		0.000707	0.00707	1	06/20/2018 06:48	WG1125932
Benzo(a)pyrene	1.34		0.000707	0.00707	1	06/20/2018 06:48	WG1125932
Benzo(b)fluoranthene	1.82		0.000707	0.00707	1	06/20/2018 06:48	WG1125932
Benzo(g,h,i)perylene	0.808		0.000707	0.00707	1	06/20/2018 06:48	WG1125932
Benzo(k)fluoranthene	0.634		0.000707	0.00707	1	06/20/2018 06:48	WG1125932
Chrysene	1.23		0.000707	0.00707	1	06/20/2018 06:48	WG1125932
Dibenz(a,h)anthracene	0.300		0.000707	0.00707	1	06/20/2018 06:48	WG1125932
Fluoranthene	2.39		0.000707	0.00707	1	06/20/2018 06:48	WG1125932
Fluorene	0.0259		0.000707	0.00707	1	06/20/2018 06:48	WG1125932
Indeno(1,2,3-cd)pyrene	0.690		0.000707	0.00707	1	06/20/2018 06:48	WG1125932
Naphthalene	0.101		0.00236	0.0236	1	06/20/2018 06:48	WG1125932
Phenanthrene	0.643		0.000707	0.00707	1	06/20/2018 06:48	WG1125932
Pyrene	2.22		0.000707	0.00707	1	06/20/2018 06:48	WG1125932
1-Methylnaphthalene	0.0975		0.00236	0.0236	1	06/20/2018 06:48	WG1125932
2-Methylnaphthalene	0.107		0.00236	0.0236	1	06/20/2018 06:48	WG1125932
2-Chloronaphthalene	U		0.00236	0.0236	1	06/20/2018 06:48	WG1125932
(S) p-Terphenyl-d14	*78.2*			*23.0-120*		*06/20/2018 06:48*	WG1125932

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
(S) Nitrobenzene-d5	*86.0*			*14.0-149*		*06/20/2018 06:48*	WG1125932
(S) 2-Fluorobiphenyl	*68.0*			*34.0-125*		*06/20/2018 06:48*	WG1125932

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U		10.0	50.0	1	06/15/2018 01:44	WG1124939
Acrolein	U		8.87	50.0	1	06/15/2018 01:44	WG1124939
Acrylonitrile	U		1.87	10.0	1	06/15/2018 01:44	WG1124939
Benzene	U		0.331	1.00	1	06/15/2018 01:44	WG1124939
Bromobenzene	U		0.352	1.00	1	06/15/2018 01:44	WG1124939
Bromodichloromethane	U		0.380	1.00	1	06/15/2018 01:44	WG1124939
Bromoform	U		0.469	1.00	1	06/15/2018 01:44	WG1124939
Bromomethane	U		0.866	5.00	1	06/15/2018 01:44	WG1124939
n-Butylbenzene	U		0.361	1.00	1	06/15/2018 01:44	WG1124939
sec-Butylbenzene	U		0.365	1.00	1	06/15/2018 01:44	WG1124939
tert-Butylbenzene	U		0.399	1.00	1	06/15/2018 01:44	WG1124939
Carbon tetrachloride	U		0.379	1.00	1	06/15/2018 01:44	WG1124939
Chlorobenzene	U		0.348	1.00	1	06/15/2018 01:44	WG1124939
Chlorodibromomethane	U		0.327	1.00	1	06/15/2018 01:44	WG1124939
Chloroethane	U		0.453	5.00	1	06/15/2018 01:44	WG1124939
2-Chloroethyl vinyl ether	U		3.01	50.0	1	06/15/2018 01:44	WG1124939
Chloroform	U		0.324	5.00	1	06/15/2018 01:44	WG1124939
Chloromethane	U		0.276	2.50	1	06/15/2018 01:44	WG1124939
2-Chlorotoluene	U		0.375	1.00	1	06/15/2018 01:44	WG1124939
4-Chlorotoluene	U		0.351	1.00	1	06/15/2018 01:44	WG1124939
1,2-Dibromo-3-Chloropropane	U		1.33	5.00	1	06/15/2018 01:44	WG1124939
1,2-Dibromoethane	U		0.381	1.00	1	06/15/2018 01:44	WG1124939
Dibromomethane	U		0.346	1.00	1	06/15/2018 01:44	WG1124939
1,2-Dichlorobenzene	U		0.349	1.00	1	06/15/2018 01:44	WG1124939
1,3-Dichlorobenzene	U		0.220	1.00	1	06/15/2018 01:44	WG1124939
1,4-Dichlorobenzene	U		0.274	1.00	1	06/15/2018 01:44	WG1124939
Dichlorodifluoromethane	U		0.551	5.00	1	06/15/2018 01:44	WG1124939
1,1-Dichloroethane	U		0.259	1.00	1	06/15/2018 01:44	WG1124939
1,2-Dichloroethane	U		0.361	1.00	1	06/15/2018 01:44	WG1124939
1,1-Dichloroethene	U		0.398	1.00	1	06/15/2018 01:44	WG1124939
cis-1,2-Dichloroethene	U		0.260	1.00	1	06/15/2018 01:44	WG1124939
trans-1,2-Dichloroethene	U		0.396	1.00	1	06/15/2018 01:44	WG1124939
1,2-Dichloropropane	U		0.306	1.00	1	06/15/2018 01:44	WG1124939
1,1-Dichloropropene	U		0.352	1.00	1	06/15/2018 01:44	WG1124939
1,3-Dichloropropane	U		0.366	1.00	1	06/15/2018 01:44	WG1124939
cis-1,3-Dichloropropene	U		0.418	1.00	1	06/15/2018 01:44	WG1124939
trans-1,3-Dichloropropene	U		0.419	1.00	1	06/15/2018 01:44	WG1124939
2,2-Dichloropropane	U		0.321	1.00	1	06/15/2018 01:44	WG1124939
Di-isopropyl ether	U		0.320	1.00	1	06/15/2018 01:44	WG1124939
Ethylbenzene	U		0.384	1.00	1	06/15/2018 01:44	WG1124939
Hexachloro-1,3-butadiene	U		0.256	1.00	1	06/15/2018 01:44	WG1124939
Isopropylbenzene	U		0.326	1.00	1	06/15/2018 01:44	WG1124939
p-Isopropyltoluene	U		0.350	1.00	1	06/15/2018 01:44	WG1124939
2-Butanone (MEK)	U		3.93	10.0	1	06/15/2018 01:44	WG1124939
Methylene Chloride	U		1.00	5.00	1	06/15/2018 01:44	WG1124939
4-Methyl-2-pentanone (MIBK)	U		2.14	10.0	1	06/15/2018 01:44	WG1124939
Methyl tert-butyl ether	U		0.367	1.00	1	06/15/2018 01:44	WG1124939
Naphthalene	U		1.00	5.00	1	06/15/2018 01:44	WG1124939
n-Propylbenzene	U		0.349	1.00	1	06/15/2018 01:44	WG1124939
Styrene	U		0.307	1.00	1	06/15/2018 01:44	WG1124939
1,1,1,2-Tetrachloroethane	U		0.385	1.00	1	06/15/2018 01:44	WG1124939
1,1,2,2-Tetrachloroethane	U		0.130	1.00	1	06/15/2018 01:44	WG1124939
1,1,2-Trichlorotrifluoroethane	U		0.303	1.00	1	06/15/2018 01:44	WG1124939
Tetrachloroethene	U		0.372	1.00	1	06/15/2018 01:44	WG1124939
Toluene	U		0.412	1.00	1	06/15/2018 01:44	WG1124939
1,2,3-Trichlorobenzene	U		0.230	1.00	1	06/15/2018 01:44	WG1124939

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
1,2,4-Trichlorobenzene	U		0.355	1.00	1	06/15/2018 01:44	WG1124939
1,1,1-Trichloroethane	U		0.319	1.00	1	06/15/2018 01:44	WG1124939
1,1,2-Trichloroethane	U		0.383	1.00	1	06/15/2018 01:44	WG1124939
Trichloroethene	U		0.398	1.00	1	06/15/2018 01:44	WG1124939
Trichlorofluoromethane	U		1.20	5.00	1	06/15/2018 01:44	WG1124939
1,2,3-Trichloropropane	U		0.807	2.50	1	06/15/2018 01:44	WG1124939
1,2,4-Trimethylbenzene	U		0.373	1.00	1	06/15/2018 01:44	WG1124939
1,2,3-Trimethylbenzene	U		0.321	1.00	1	06/15/2018 01:44	WG1124939
1,3,5-Trimethylbenzene	U		0.387	1.00	1	06/15/2018 01:44	WG1124939
Vinyl chloride	U		0.259	1.00	1	06/15/2018 01:44	WG1124939
Xylenes, Total	U		1.06	3.00	1	06/15/2018 01:44	WG1124939
(S) Toluene-d8	*105*			*80.0-120*		*06/15/2018 01:44*	WG1124939
(S) Dibromofluoromethane	*90.2*			*76.0-123*		*06/15/2018 01:44*	WG1124939
(S) 4-Bromofluorobenzene	*96.4*			*80.0-120*		*06/15/2018 01:44*	WG1124939

Method Blank (MB)

(MB) R3319349-1 06/19/18 09:09

Analyte	MB Result %	MB Qualifier	MB MDL %	MB RDL %
Total Solids	0.00100			

L1001666-06 Original Sample (OS) • Duplicate (DUP)

(OS) L1001666-06 06/19/18 09:09 • (DUP) R3319349-3 06/19/18 09:09

Analyte	Original Result %	DUP Result %	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Total Solids	84.2	84.4	1	0.245		5

Laboratory Control Sample (LCS)

(LCS) R3319349-2 06/19/18 09:09

Analyte	Spike Amount %	LCS Result %	LCS Rec. %	Rec. Limits %	LCS Qualifier
Total Solids	50.0	50.0	100	85.0-115	

Method Blank (MB)

(MB) R3318927-1 06/18/18 16:22

Analyte	MB Result %	MB Qualifier	MB MDL %	MB RDL %
Total Solids	0.000			

L1001692-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1001692-01 06/18/18 16:22 • (DUP) R3318927-3 06/18/18 16:22

Analyte	Original Result %	DUP Result %	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Total Solids	86.3	85.7	1	0.623		5

Laboratory Control Sample (LCS)

(LCS) R3318927-2 06/18/18 16:22

Analyte	Spike Amount %	LCS Result %	LCS Rec. %	Rec. Limits %	LCS Qualifier
Total Solids	50.0	50.0	100	85.0-115	

Method Blank (MB)

(MB) R3319014-1 06/19/18 09:06

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	mg/kg		mg/kg	mg/kg
Mercury	U		0.00280	0.0200

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3319014-2 06/19/18 09:08 • (LCSD) R3319014-3 06/19/18 09:11

Analyte	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
	mg/kg	mg/kg	mg/kg	%	%	%			%	%
Mercury	0.300	0.248	0.266	82.7	88.6	80.0-120			6.89	20

L1001846-19 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1001846-19 06/19/18 09:13 • (MS) R3319014-4 06/19/18 09:27 • (MSD) R3319014-5 06/19/18 09:30

Analyte	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
	mg/kg	mg/kg	mg/kg	mg/kg	%	%		%			%	%
Mercury	0.300	ND	0.326	0.303	103	95.4	1	75.0-125			7.27	20

Method Blank (MB)

(MB) R3319203-1 06/19/18 23:12

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Arsenic	U		0.650	2.00
Barium	U		0.170	0.500
Cadmium	U		0.0700	0.500
Chromium	U		0.140	1.00
Lead	0.223	J	0.190	0.500
Selenium	0.782	J	0.740	2.00
Silver	U		0.280	1.00

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3319203-2 06/19/18 23:15 • (LCSD) R3319203-3 06/19/18 23:17

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Arsenic	100	99.0	99.2	99.0	99.2	80.0-120			0.134	20
Barium	100	103	104	103	104	80.0-120			0.416	20
Cadmium	100	96.7	96.7	96.7	96.7	80.0-120			0.0586	20
Chromium	100	101	101	101	101	80.0-120			0.167	20
Lead	100	95.0	95.5	95.0	95.5	80.0-120			0.495	20
Selenium	100	99.8	99.6	99.8	99.6	80.0-120			0.202	20
Silver	20.0	19.6	19.5	97.9	97.5	80.0-120			0.449	20

L1001587-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1001587-01 06/19/18 23:20 • (MS) R3319203-6 06/19/18 23:27 • (MSD) R3319203-7 06/19/18 23:29

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Arsenic	113	4.65	104	104	87.6	87.5	1	75.0-125			0.151	20
Barium	113	93.8	195	223	89.1	114	1	75.0-125			13.4	20
Cadmium	113	0.114	98.4	97.7	86.9	86.2	1	75.0-125			0.788	20
Chromium	113	39.5	140	139	88.9	88.1	1	75.0-125			0.646	20
Lead	113	18.9	119	116	88.3	86.3	1	75.0-125			1.93	20
Selenium	113	U	99.8	99.3	88.2	87.8	1	75.0-125			0.451	20
Silver	22.6	U	19.6	19.4	86.5	85.7	1	75.0-125			0.871	20

Method Blank (MB)

(MB) R3319045-3 06/18/18 12:20

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
TPH (GC/FID) Low Fraction	U		31.4	100
(S) a,a,a-Trifluorotoluene(FID)	*110*			*77.0-122*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3319045-1 06/18/18 10:14 • (LCSD) R3319045-2 06/18/18 11:32

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
TPH (GC/FID) Low Fraction	5500	5740	5410	104	98.3	71.0-136			5.96	20
(S) a,a,a-Trifluorotoluene(FID)				*95.3*	*96.4*	*77.0-122*				

Method Blank (MB)

(MB) R3319003-3 06/18/18 21:55

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
TPH (GC/FID) Low Fraction	U		0.0217	0.100
(S) a,a,a-Trifluorotoluene(FID)	*99.5*			*77.0-120*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3319003-1 06/18/18 20:52 • (LCSD) R3319003-2 06/18/18 21:13

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
TPH (GC/FID) Low Fraction	5.50	5.24	5.10	95.3	92.7	70.0-136			2.78	20
(S) a,a,a-Trifluorotoluene(FID)				*94.8*	*96.9*	*77.0-120*				

L1001245-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1001245-01 06/19/18 04:58 • (MS) R3319003-4 06/19/18 05:19 • (MSD) R3319003-5 06/19/18 05:40

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
TPH (GC/FID) Low Fraction	6.01	189	464	466	45.7	46.0	100	10.0-147			0.359	30
(S) a,a,a-Trifluorotoluene(FID)					*98.7*	*98.2*		*77.0-120*				

Method Blank (MB)

(MB) R3319167-3 06/19/18 11:08

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
TPH (GC/FID) Low Fraction	U		0.0217	0.100
(S) a,a,a-Trifluorotoluene(FID)	*102*			*77.0-120*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3319167-1 06/19/18 09:56 • (LCSD) R3319167-2 06/19/18 10:20

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
TPH (GC/FID) Low Fraction	5.50	4.83	4.46	87.8	81.2	70.0-136			7.85	20
(S) a,a,a-Trifluorotoluene(FID)				*107*	*106*	*77.0-120*				

Method Blank (MB)

(MB) R3318227-3 06/15/18 00:41

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Acetone	U		10.0	50.0
Acrolein	U		8.87	50.0
Acrylonitrile	U		1.87	10.0
Benzene	U		0.331	1.00
Bromobenzene	U		0.352	1.00
Bromodichloromethane	U		0.380	1.00
Bromoform	U		0.469	1.00
Bromomethane	U		0.866	5.00
n-Butylbenzene	U		0.361	1.00
sec-Butylbenzene	U		0.365	1.00
tert-Butylbenzene	U		0.399	1.00
Carbon tetrachloride	U		0.379	1.00
Chlorobenzene	U		0.348	1.00
Chlorodibromomethane	U		0.327	1.00
Chloroethane	U		0.453	5.00
2-Chloroethyl vinyl ether	U		3.01	50.0
Chloroform	U		0.324	5.00
Chloromethane	U		0.276	2.50
2-Chlorotoluene	U		0.375	1.00
4-Chlorotoluene	U		0.351	1.00
1,2-Dibromo-3-Chloropropane	U		1.33	5.00
1,2-Dibromoethane	U		0.381	1.00
Dibromomethane	U		0.346	1.00
1,2-Dichlorobenzene	U		0.349	1.00
1,3-Dichlorobenzene	U		0.220	1.00
1,4-Dichlorobenzene	U		0.274	1.00
Dichlorodifluoromethane	U		0.551	5.00
1,1-Dichloroethane	U		0.259	1.00
1,2-Dichloroethane	U		0.361	1.00
1,1-Dichloroethene	U		0.398	1.00
cis-1,2-Dichloroethene	U		0.260	1.00
trans-1,2-Dichloroethene	U		0.396	1.00
1,2-Dichloropropane	U		0.306	1.00
1,1-Dichloropropene	U		0.352	1.00
1,3-Dichloropropane	U		0.366	1.00
cis-1,3-Dichloropropene	U		0.418	1.00
trans-1,3-Dichloropropene	U		0.419	1.00
2,2-Dichloropropane	U		0.321	1.00
Di-isopropyl ether	U		0.320	1.00
Ethylbenzene	U		0.384	1.00

Method Blank (MB)

(MB) R3318227-3 06/15/18 00:41

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Hexachloro-1,3-butadiene	U		0.256	1.00
Isopropylbenzene	U		0.326	1.00
p-Isopropyltoluene	U		0.350	1.00
2-Butanone (MEK)	U		3.93	10.0
Methylene Chloride	U		1.00	5.00
4-Methyl-2-pentanone (MIBK)	U		2.14	10.0
Methyl tert-butyl ether	U		0.367	1.00
Naphthalene	U		1.00	5.00
n-Propylbenzene	U		0.349	1.00
Styrene	U		0.307	1.00
1,1,1,2-Tetrachloroethane	U		0.385	1.00
1,1,2,2-Tetrachloroethane	U		0.130	1.00
Tetrachloroethene	U		0.372	1.00
Toluene	U		0.412	1.00
1,1,2-Trichlorotrifluoroethane	U		0.303	1.00
1,2,3-Trichlorobenzene	U		0.230	1.00
1,2,4-Trichlorobenzene	U		0.355	1.00
1,1,1-Trichloroethane	U		0.319	1.00
1,1,2-Trichloroethane	U		0.383	1.00
Trichloroethene	U		0.398	1.00
Trichlorofluoromethane	U		1.20	5.00
1,2,3-Trichloropropane	U		0.807	2.50
1,2,3-Trimethylbenzene	U		0.321	1.00
1,2,4-Trimethylbenzene	U		0.373	1.00
1,3,5-Trimethylbenzene	U		0.387	1.00
Vinyl chloride	U		0.259	1.00
Xylenes, Total	U		1.06	3.00
(S) Toluene-d8	*106*			*80.0-120*
(S) Dibromofluoromethane	*91.0*			*76.0-123*
(S) 4-Bromofluorobenzene	*95.9*			*80.0-120*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3318227-1 06/14/18 23:38 • (LCSD) R3318227-2 06/14/18 23:59

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	125	110	109	87.8	86.8	10.0-160			1.08	23
Acrolein	125	169	163	135	131	10.0-160			3.24	20
Acrylonitrile	125	117	113	93.6	90.3	60.0-142			3.57	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3318227-1 06/14/18 23:38 • (LCSD) R3318227-2 06/14/18 23:59

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Benzene	25.0	23.4	22.6	93.7	90.6	69.0-123			3.42	20
Bromobenzene	25.0	24.8	23.8	99.2	95.1	79.0-120			4.22	20
Bromodichloromethane	25.0	23.9	24.0	95.6	95.9	76.0-120			0.378	20
Bromoform	25.0	23.4	23.1	93.7	92.4	67.0-132			1.41	20
Bromomethane	25.0	9.28	9.76	37.1	39.1	18.0-160			5.11	20
n-Butylbenzene	25.0	25.6	24.6	103	98.6	72.0-126			4.00	20
sec-Butylbenzene	25.0	24.7	24.1	98.9	96.6	74.0-121			2.42	20
tert-Butylbenzene	25.0	23.6	23.0	94.5	91.9	75.0-122			2.86	20
Carbon tetrachloride	25.0	22.5	22.1	90.0	88.5	63.0-122			1.77	20
Chlorobenzene	25.0	26.2	25.9	105	104	79.0-121			1.12	20
Chlorodibromomethane	25.0	25.1	25.4	100	102	75.0-125			1.31	20
Chloroethane	25.0	29.5	28.3	118	113	47.0-152			4.08	20
2-Chloroethyl vinyl ether	125	132	131	106	105	10.0-160			1.08	22
Chloroform	25.0	23.8	23.5	95.1	94.1	72.0-121			1.07	20
Chloromethane	25.0	16.7	16.6	66.9	66.5	48.0-139			0.620	20
2-Chlorotoluene	25.0	24.0	23.2	96.0	92.8	74.0-122			3.42	20
4-Chlorotoluene	25.0	24.3	23.7	97.1	94.8	79.0-120			2.41	20
1,2-Dibromo-3-Chloropropane	25.0	25.0	23.8	100	95.3	64.0-127			4.86	20
1,2-Dibromoethane	25.0	25.0	24.7	99.8	98.6	77.0-123			1.22	20
Dibromomethane	25.0	24.5	24.0	98.1	95.9	78.0-120			2.28	20
1,2-Dichlorobenzene	25.0	25.8	24.5	103	98.2	80.0-120			5.15	20
1,3-Dichlorobenzene	25.0	25.6	24.5	103	98.2	72.0-123			4.41	20
1,4-Dichlorobenzene	25.0	25.6	24.7	102	98.9	77.0-120			3.38	20
Dichlorodifluoromethane	25.0	24.2	24.2	96.7	96.6	49.0-155			0.0584	20
1,1-Dichloroethane	25.0	23.7	23.4	94.7	93.4	70.0-126			1.30	20
1,2-Dichloroethane	25.0	25.2	24.5	101	98.0	67.0-126			2.98	20
1,1-Dichloroethene	25.0	22.3	22.7	89.3	90.6	64.0-129			1.42	20
cis-1,2-Dichloroethene	25.0	23.1	22.2	92.4	89.0	73.0-120			3.83	20
trans-1,2-Dichloroethene	25.0	22.0	22.1	88.1	88.6	71.0-121			0.538	20
1,2-Dichloropropane	25.0	24.7	24.7	98.9	99.0	75.0-125			0.0577	20
1,1-Dichloropropene	25.0	24.0	23.5	95.8	93.9	71.0-129			2.03	20
1,3-Dichloropropane	25.0	26.4	26.1	106	104	80.0-121			1.17	20
cis-1,3-Dichloropropene	25.0	25.8	25.6	103	102	79.0-123			0.864	20
trans-1,3-Dichloropropene	25.0	26.2	26.1	105	104	74.0-127			0.567	20
2,2-Dichloropropane	25.0	28.3	27.8	113	111	60.0-125			1.75	20
Di-isopropyl ether	25.0	23.8	23.3	95.3	93.4	59.0-133			2.04	20
Ethylbenzene	25.0	25.8	25.9	103	103	77.0-120			0.387	20
Hexachloro-1,3-butadiene	25.0	25.2	24.3	101	97.1	64.0-131			3.90	20
Isopropylbenzene	25.0	24.0	23.4	96.1	93.7	75.0-120			2.48	20
p-Isopropyltoluene	25.0	24.4	24.1	97.5	96.2	74.0-126			1.27	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3318227-1 06/14/18 23:38 • (LCSD) R3318227-2 06/14/18 23:59

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
2-Butanone (MEK)	125	123	119	98.1	95.3	37.0-158			2.88	20
Methylene Chloride	25.0	22.0	21.4	88.1	85.5	66.0-121			2.96	20
4-Methyl-2-pentanone (MIBK)	125	134	133	107	106	59.0-143			1.15	20
Methyl tert-butyl ether	25.0	23.6	23.1	94.5	92.5	64.0-123			2.17	20
Naphthalene	25.0	25.7	24.8	103	99.2	62.0-128			3.70	20
n-Propylbenzene	25.0	24.0	23.2	95.9	93.0	79.0-120			3.03	20
Styrene	25.0	24.1	23.1	96.6	92.3	78.0-124			4.50	20
1,1,1,2-Tetrachloroethane	25.0	26.1	24.6	104	98.3	75.0-122			5.85	20
1,1,2,2-Tetrachloroethane	25.0	25.0	24.1	99.8	96.4	71.0-122			3.48	20
Tetrachloroethene	25.0	26.0	26.3	104	105	70.0-127			1.02	20
Toluene	25.0	25.0	24.7	100	98.9	77.0-120			1.21	20
1,1,2-Trichlorotrifluoroethane	25.0	24.7	24.8	98.8	99.1	61.0-136			0.280	20
1,2,3-Trichlorobenzene	25.0	26.0	25.4	104	102	61.0-133			2.13	20
1,2,4-Trichlorobenzene	25.0	26.2	25.2	105	101	69.0-129			3.94	20
1,1,1-Trichloroethane	25.0	23.5	23.2	94.1	92.8	68.0-122			1.41	20
1,1,2-Trichloroethane	25.0	27.0	26.1	108	105	78.0-120			3.35	20
Trichloroethene	25.0	23.2	23.5	92.7	93.9	78.0-120			1.38	20
Trichlorofluoromethane	25.0	29.0	28.5	116	114	56.0-137			1.68	20
1,2,3-Trichloropropane	25.0	24.7	24.2	98.9	97.0	72.0-124			2.00	20
1,2,3-Trimethylbenzene	25.0	24.8	24.1	99.3	96.6	75.0-120			2.75	20
1,2,4-Trimethylbenzene	25.0	24.0	24.0	96.0	95.8	75.0-120			0.160	20
1,3,5-Trimethylbenzene	25.0	24.0	23.1	95.8	92.3	75.0-120			3.74	20
Vinyl chloride	25.0	23.9	23.6	95.4	94.3	64.0-133			1.15	20
Xylenes, Total	75.0	76.5	76.7	102	102	77.0-120			0.261	20
(S) Toluene-d8				*105*	*103*	*80.0-120*				
(S) Dibromofluoromethane				*93.0*	*93.1*	*76.0-123*				
(S) 4-Bromofluorobenzene				*94.5*	*92.8*	*80.0-120*				

Method Blank (MB)

(MB) R3318830-3 06/16/18 00:03

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Acetone	U		0.0137	0.0250
Acrylonitrile	U		0.00190	0.0125
Benzene	U		0.000400	0.00100
Bromobenzene	U		0.00105	0.0125
Bromodichloromethane	U		0.000788	0.00250
Bromoform	U		0.00598	0.0250
Bromomethane	U		0.00370	0.0125
n-Butylbenzene	U		0.00384	0.0125
sec-Butylbenzene	U		0.00253	0.0125
tert-Butylbenzene	U		0.00155	0.00500
Carbon tetrachloride	U		0.00108	0.00500
Chlorobenzene	U		0.000573	0.00250
Chlorodibromomethane	U		0.000450	0.00250
Chloroethane	U		0.00108	0.00500
Chloroform	U		0.000415	0.00250
Chloromethane	U		0.00139	0.0125
2-Chlorotoluene	U		0.000920	0.00250
4-Chlorotoluene	U		0.00113	0.00500
1,2-Dibromo-3-Chloropropane	U		0.00510	0.0250
1,2-Dibromoethane	U		0.000525	0.00250
Dibromomethane	U		0.00100	0.00500
1,2-Dichlorobenzene	U		0.00145	0.00500
1,3-Dichlorobenzene	U		0.00170	0.00500
1,4-Dichlorobenzene	U		0.00197	0.00500
Dichlorodifluoromethane	U		0.000818	0.00250
1,1-Dichloroethane	U		0.000575	0.00250
1,2-Dichloroethane	U		0.000475	0.00250
1,1-Dichloroethene	U		0.000500	0.00250
cis-1,2-Dichloroethene	U		0.000690	0.00250
trans-1,2-Dichloroethene	U		0.00143	0.00500
1,2-Dichloropropane	U		0.00127	0.00500
1,1-Dichloropropene	U		0.000700	0.00250
1,3-Dichloropropane	U		0.00175	0.00500
cis-1,3-Dichloropropene	U		0.000678	0.00250
trans-1,3-Dichloropropene	U		0.00153	0.00500
2,2-Dichloropropane	U		0.000793	0.00250
Di-isopropyl ether	U		0.000350	0.00100
Ethylbenzene	U		0.000530	0.00250
Hexachloro-1,3-butadiene	U		0.0127	0.0250
Isopropylbenzene	U		0.000863	0.00250

Method Blank (MB)

(MB) R3318830-3 06/16/18 00:03

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
p-Isopropyltoluene	U		0.00233	0.00500
2-Butanone (MEK)	U		0.0125	0.0250
Methylene Chloride	U		0.00664	0.0250
4-Methyl-2-pentanone (MIBK)	U		0.0100	0.0250
Methyl tert-butyl ether	U		0.000295	0.00100
Naphthalene	U		0.00312	0.0125
n-Propylbenzene	U		0.00118	0.00500
Styrene	U		0.00273	0.0125
1,1,1,2-Tetrachloroethane	U		0.000500	0.00250
1,1,2,2-Tetrachloroethane	U		0.000390	0.00250
Tetrachloroethene	U		0.000700	0.00250
Toluene	U		0.00125	0.00500
1,1,2-Trichlorotrifluoroethane	U		0.000675	0.00250
1,2,3-Trichlorobenzene	U		0.000625	0.00250
1,2,4-Trichlorobenzene	U		0.00482	0.0125
1,1,1-Trichloroethane	U		0.000275	0.00250
1,1,2-Trichloroethane	U		0.000883	0.00250
Trichloroethene	U		0.000400	0.00100
Trichlorofluoromethane	U		0.000500	0.00250
1,2,3-Trichloropropane	U		0.00510	0.0125
1,2,3-Trimethylbenzene	U		0.00115	0.00500
1,2,4-Trimethylbenzene	U		0.00116	0.00500
1,3,5-Trimethylbenzene	U		0.00108	0.00500
Vinyl chloride	U		0.000683	0.00250
Xylenes, Total	U		0.00478	0.00650
(S) Toluene-d8	*106*			*80.0-120*
(S) Dibromofluoromethane	*99.9*			*74.0-131*
(S) 4-Bromofluorobenzene	*107*			*64.0-132*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3318830-1 06/15/18 22:13 • (LCSD) R3318830-2 06/15/18 22:32

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	0.625	0.531	0.572	85.0	91.5	11.0-160			7.45	23
Acrylonitrile	0.625	0.579	0.600	92.6	96.0	61.0-143			3.61	20
Benzene	0.125	0.123	0.127	98.3	102	71.0-124			3.55	20
Bromobenzene	0.125	0.110	0.124	88.2	99.4	78.0-120			12.0	20
Bromodichloromethane	0.125	0.0978	0.0975	78.2	78.0	75.0-120			0.267	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3318830-1 06/15/18 22:13 • (LCSD) R3318830-2 06/15/18 22:32

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Bromoform	0.125	0.127	0.133	102	106	65.0-133			4.70	20
Bromomethane	0.125	0.135	0.142	108	114	26.0-160			5.22	20
n-Butylbenzene	0.125	0.116	0.123	92.8	98.7	73.0-126			6.20	20
sec-Butylbenzene	0.125	0.125	0.134	99.7	108	75.0-121			7.55	20
tert-Butylbenzene	0.125	0.110	0.112	88.1	89.8	74.0-122			1.84	20
Carbon tetrachloride	0.125	0.111	0.118	88.5	94.6	66.0-123			6.65	20
Chlorobenzene	0.125	0.129	0.133	103	106	79.0-121			2.76	20
Chlorodibromomethane	0.125	0.134	0.133	107	107	74.0-128			0.514	20
Chloroethane	0.125	0.142	0.148	113	118	51.0-147			4.13	20
Chloroform	0.125	0.113	0.113	90.2	90.8	73.0-123			0.643	20
Chloromethane	0.125	0.0996	0.104	79.7	83.2	51.0-138			4.30	20
2-Chlorotoluene	0.125	0.111	0.111	88.4	88.6	72.0-124			0.166	20
4-Chlorotoluene	0.125	0.117	0.118	94.0	94.3	78.0-120			0.352	20
1,2-Dibromo-3-Chloropropane	0.125	0.128	0.131	102	105	65.0-126			2.97	20
1,2-Dibromoethane	0.125	0.0994	0.106	79.5	84.6	78.0-122			6.17	20
Dibromomethane	0.125	0.125	0.130	100	104	79.0-120			3.71	20
1,2-Dichlorobenzene	0.125	0.0989	0.104	79.1	83.3	80.0-120	J4		5.18	20
1,3-Dichlorobenzene	0.125	0.0991	0.103	79.3	82.2	72.0-123			3.64	20
1,4-Dichlorobenzene	0.125	0.113	0.116	90.7	92.8	77.0-120			2.30	20
Dichlorodifluoromethane	0.125	0.114	0.117	91.2	93.3	49.0-155			2.17	20
1,1-Dichloroethane	0.125	0.106	0.111	84.9	88.5	70.0-128			4.21	20
1,2-Dichloroethane	0.125	0.0999	0.103	79.9	82.4	69.0-128			3.01	20
1,1-Dichloroethene	0.125	0.0983	0.0970	78.6	77.6	63.0-131			1.25	20
cis-1,2-Dichloroethene	0.125	0.155	0.163	124	131	74.0-123	J4	J4	5.50	20
trans-1,2-Dichloroethene	0.125	0.142	0.147	114	118	72.0-122			3.18	20
1,2-Dichloropropane	0.125	0.110	0.112	88.2	89.5	75.0-126			1.52	20
1,1-Dichloropropene	0.125	0.133	0.135	107	108	72.0-130			0.931	20
1,3-Dichloropropane	0.125	0.142	0.142	113	114	80.0-121			0.401	20
cis-1,3-Dichloropropene	0.125	0.111	0.118	89.0	94.7	80.0-125			6.19	20
trans-1,3-Dichloropropene	0.125	0.100	0.0986	80.0	78.8	75.0-129			1.51	20
2,2-Dichloropropane	0.125	0.107	0.112	85.8	89.5	60.0-129			4.21	20
Di-isopropyl ether	0.125	0.133	0.133	106	106	62.0-133			0.135	20
Ethylbenzene	0.125	0.117	0.119	93.2	95.0	77.0-120			1.87	20
Hexachloro-1,3-butadiene	0.125	0.138	0.152	110	121	68.0-128			9.42	20
Isopropylbenzene	0.125	0.115	0.112	92.2	89.6	75.0-120			2.86	20
p-Isopropyltoluene	0.125	0.115	0.120	92.0	95.8	74.0-125			4.03	20
2-Butanone (MEK)	0.625	0.720	0.735	115	118	37.0-159			2.12	21.3
Methylene Chloride	0.125	0.121	0.121	96.6	96.5	67.0-123			0.172	20
4-Methyl-2-pentanone (MIBK)	0.625	0.605	0.620	96.8	99.2	60.0-144			2.48	20
Methyl tert-butyl ether	0.125	0.116	0.122	92.9	97.7	66.0-125			5.12	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3318830-1 06/15/18 22:13 • (LCSD) R3318830-2 06/15/18 22:32

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Naphthalene	0.125	0.0915	0.0969	73.2	77.5	64.0-125			5.68	20
n-Propylbenzene	0.125	0.109	0.112	87.2	89.3	78.0-120			2.33	20
Styrene	0.125	0.135	0.131	108	105	78.0-124			3.09	20
1,1,1,2-Tetrachloroethane	0.125	0.140	0.149	112	119	74.0-124			5.91	20
1,1,2,2-Tetrachloroethane	0.125	0.126	0.136	101	109	73.0-120			7.80	20
Tetrachloroethene	0.125	0.113	0.112	90.3	90.0	70.0-127			0.351	20
Toluene	0.125	0.136	0.134	108	107	70.0-120			0.903	20
1,1,2-Trichlorotrifluoroethane	0.125	0.117	0.123	93.8	98.8	64.0-135			5.12	20
1,2,3-Trichlorobenzene	0.125	0.118	0.137	94.6	110	68.0-126			14.7	20
1,2,4-Trichlorobenzene	0.125	0.0994	0.115	79.5	91.7	70.0-127			14.1	20
1,1,1-Trichloroethane	0.125	0.107	0.110	86.0	87.6	69.0-125			1.91	20
1,1,2-Trichloroethane	0.125	0.125	0.131	99.7	105	78.0-120			4.83	20
Trichloroethene	0.125	0.115	0.117	92.3	93.7	79.0-120			1.50	20
Trichlorofluoromethane	0.125	0.125	0.135	100	108	59.0-136			7.58	20
1,2,3-Trichloropropane	0.125	0.100	0.106	80.4	84.9	73.0-124			5.46	20
1,2,3-Trimethylbenzene	0.125	0.123	0.120	98.6	96.2	76.0-120			2.43	20
1,2,4-Trimethylbenzene	0.125	0.0969	0.103	77.5	82.7	75.0-120			6.52	20
1,3,5-Trimethylbenzene	0.125	0.112	0.113	89.6	90.6	75.0-120			1.14	20
Vinyl chloride	0.125	0.130	0.132	104	106	63.0-134			1.92	20
Xylenes, Total	0.375	0.337	0.357	89.9	95.2	77.0-120			5.76	20
(S) Toluene-d8				*104*	*105*	*80.0-120*				
(S) Dibromofluoromethane				*104*	*107*	*74.0-131*				
(S) 4-Bromofluorobenzene				*106*	*104*	*64.0-132*				

L1001715-12 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1001715-12 06/16/18 06:33 • (MS) R3318830-4 06/16/18 07:13 • (MSD) R3318830-5 06/16/18 07:33

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Acetone	0.625	U	0.0204	0.0146	3.26	2.34	1	10.0-160	J6	J6	33.1	36
Acrylonitrile	0.625	U	0.0630	0.0369	10.1	5.90	1	14.0-160	J6	J3 J6	52.3	33
Benzene	0.125	0.000505	0.0266	0.0165	20.8	12.8	1	13.0-146		J3 J6	46.8	27
Bromobenzene	0.125	U	0.0314	0.0178	25.1	14.3	1	10.0-149		J3	55.2	33
Bromodichloromethane	0.125	U	0.0238	0.0147	19.0	11.8	1	15.0-142		J3 J6	47.0	28
Bromoform	0.125	U	0.0282	0.0167	22.6	13.4	1	10.0-147		J3	51.1	31
Bromomethane	0.125	U	0.0310	0.0178	24.8	14.3	1	10.0-160		J3	53.9	32
n-Butylbenzene	0.125	U	0.0370	0.0239	29.6	19.1	1	10.0-154		J3	43.0	37
sec-Butylbenzene	0.125	U	0.0369	0.0268	29.5	21.4	1	10.0-151			31.8	36
tert-Butylbenzene	0.125	U	0.0350	0.0224	28.0	17.9	1	10.0-152		J3	44.1	35

L1001715-12 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1001715-12 06/16/18 06:33 • (MS) R3318830-4 06/16/18 07:13 • (MSD) R3318830-5 06/16/18 07:33

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Carbon tetrachloride	0.125	U	0.0258	0.0161	20.7	12.8	1	13.0-140		J3 J6	46.7	30
Chlorobenzene	0.125	U	0.0314	0.0193	25.1	15.5	1	10.0-149		J3	47.6	31
Chlorodibromomethane	0.125	U	0.0307	0.0192	24.6	15.4	1	12.0-147		J3	46.0	29
Chloroethane	0.125	U	0.0378	0.0215	30.2	17.2	1	10.0-159		J3	54.8	33
Chloroform	0.125	U	0.0243	0.0151	19.4	12.1	1	18.0-148		J3 J6	46.8	28
Chloromethane	0.125	U	0.0221	0.0145	17.7	11.6	1	10.0-146		J3	41.8	29
2-Chlorotoluene	0.125	U	0.0288	0.0204	23.1	16.3	1	10.0-151			34.4	35
4-Chlorotoluene	0.125	U	0.0293	0.0160	23.4	12.8	1	10.0-150		J3	58.3	35
1,2-Dibromo-3-Chloropropane	0.125	U	0.0215	0.0147	17.2	11.7	1	10.0-149		J3	37.8	34
1,2-Dibromoethane	0.125	U	0.0237	0.0134	18.9	10.7	1	14.0-145		J3 J6	55.7	28
Dibromomethane	0.125	U	0.0264	0.0166	21.1	13.3	1	18.0-144		J3 J6	45.6	27
1,2-Dichlorobenzene	0.125	U	0.0241	0.0178	19.3	14.2	1	10.0-153			30.1	34
1,3-Dichlorobenzene	0.125	U	0.0241	0.0174	19.3	13.9	1	10.0-150			32.5	35
1,4-Dichlorobenzene	0.125	U	0.0288	0.0196	23.1	15.7	1	10.0-148		J3	37.9	34
Dichlorodifluoromethane	0.125	U	0.0352	0.0209	28.1	16.7	1	10.0-162		J3	50.9	30
1,1-Dichloroethane	0.125	U	0.0230	0.0140	18.4	11.2	1	19.0-148	J6	J3 J6	48.7	28
1,2-Dichloroethane	0.125	U	0.0209	0.0133	16.7	10.6	1	17.0-147	J6	J3 J6	44.7	27
1,1-Dichloroethene	0.125	U	0.0203	0.0134	16.2	10.7	1	10.0-150		J3	40.9	31
cis-1,2-Dichloroethene	0.125	U	0.0277	0.0214	22.2	17.1	1	16.0-145			25.6	28
trans-1,2-Dichloroethene	0.125	U	0.0298	0.0183	23.8	14.7	1	11.0-142		J3	47.5	29
1,2-Dichloropropane	0.125	U	0.0233	0.0168	18.6	13.4	1	17.0-148		J3 J6	32.3	28
1,1-Dichloropropene	0.125	U	0.0287	0.0171	22.9	13.7	1	10.0-150		J3	50.5	30
1,3-Dichloropropane	0.125	U	0.0313	0.0199	25.0	15.9	1	16.0-148		J3 J6	44.7	27
cis-1,3-Dichloropropene	0.125	U	0.0266	0.0164	21.3	13.1	1	13.0-150		J3	47.7	28
trans-1,3-Dichloropropene	0.125	U	0.0238	0.0139	19.0	11.1	1	10.0-152		J3	52.6	29
2,2-Dichloropropane	0.125	U	0.0233	0.0147	18.6	11.8	1	16.0-143		J3 J6	45.3	30
Di-isopropyl ether	0.125	U	0.0258	0.0166	20.7	13.3	1	16.0-149		J3 J6	43.7	28
Ethylbenzene	0.125	U	0.0298	0.0190	23.8	15.2	1	10.0-147		J3	44.4	31
Hexachloro-1,3-butadiene	0.125	U	0.0602	0.0414	48.2	33.1	1	10.0-154			37.0	40
Isopropylbenzene	0.125	U	0.0311	0.0209	24.9	16.7	1	10.0-147		J3	39.0	33
p-Isopropyltoluene	0.125	U	0.0318	0.0247	25.5	19.8	1	10.0-156			25.2	37
2-Butanone (MEK)	0.625	0.0161	0.132	0.0768	18.6	9.73	1	10.0-160		J3 J6	53.1	33
Methylene Chloride	0.125	U	0.0268	0.0163	21.5	13.0	1	16.0-139		J3 J6	48.9	29
4-Methyl-2-pentanone (MIBK)	0.625	U	0.103	0.0608	16.4	9.74	1	12.0-160		J3 J6	51.2	32
Methyl tert-butyl ether	0.125	U	0.0209	0.0132	16.7	10.5	1	21.0-145	J6	J3 J6	45.4	29
Naphthalene	0.125	U	0.0186	0.0148	14.9	11.8	1	10.0-153			22.8	36
n-Propylbenzene	0.125	U	0.0290	0.0208	23.2	16.6	1	10.0-151			33.0	34
Styrene	0.125	U	0.0368	0.0225	29.4	18.0	1	10.0-155		J3	48.4	34
1,1,1,2-Tetrachloroethane	0.125	U	0.0344	0.0191	27.5	15.3	1	10.0-147		J3	57.4	30
1,1,2,2-Tetrachloroethane	0.125	U	0.0289	0.0181	23.1	14.5	1	10.0-155		J3	45.9	31

L1001715-12 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1001715-12 06/16/18 06:33 • (MS) R3318830-4 06/16/18 07:13 • (MSD) R3318830-5 06/16/18 07:33

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Tetrachloroethene	0.125	U	0.0290	0.0182	23.2	14.5	1	10.0-144		J3	46.1	32
Toluene	0.125	0.00245	0.0357	0.0228	26.6	16.2	1	10.0-144		J3	44.3	28
1,1,2-Trichlorotrifluoroethane	0.125	U	0.0234	0.0156	18.7	12.4	1	10.0-153		J3	40.4	33
1,2,3-Trichlorobenzene	0.125	U	0.0332	0.0265	26.5	21.2	1	10.0-153			22.4	40
1,2,4-Trichlorobenzene	0.125	U	0.0279	0.0217	22.3	17.3	1	10.0-156			25.1	40
1,1,1-Trichloroethane	0.125	U	0.0267	0.0151	21.3	12.1	1	18.0-145		J3 J6	55.6	29
1,1,2-Trichloroethane	0.125	U	0.0292	0.0183	23.3	14.6	1	12.0-151		J3	45.8	28
Trichloroethene	0.125	U	0.0266	0.0146	21.3	11.7	1	11.0-148		J3	58.5	29
Trichlorofluoromethane	0.125	U	0.0268	0.0166	21.5	13.3	1	10.0-157		J3	47.3	34
1,2,3-Trichloropropane	0.125	U	0.0212	0.0139	16.9	11.1	1	10.0-154		J3	41.2	32
1,2,3-Trimethylbenzene	0.125	U	0.0287	0.0214	23.0	17.1	1	10.0-150			29.4	33
1,2,4-Trimethylbenzene	0.125	U	0.0251	ND	20.1	0.000	1	10.0-151		J3 J6	200	34
1,3,5-Trimethylbenzene	0.125	U	0.0294	0.0205	23.5	16.4	1	10.0-150		J3	35.6	33
Vinyl chloride	0.125	U	0.0370	0.0222	29.6	17.8	1	10.0-150		J3	49.9	29
Xylenes, Total	0.375	U	0.0832	0.0551	22.2	14.7	1	10.0-150		J3	40.6	31
(S) Toluene-d8					*110*	*107*		*80.0-120*				
(S) Dibromofluoromethane					*95.7*	*95.8*		*74.0-131*				
(S) 4-Bromofluorobenzene					*108*	*105*		*64.0-132*				

Method Blank (MB)

(MB) R3319278-2 06/18/18 21:09

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Acetone	U		0.0137	0.0250
Acrylonitrile	U		0.00190	0.0125
Benzene	U		0.000400	0.00100
Bromobenzene	U		0.00105	0.0125
Bromodichloromethane	U		0.000788	0.00250
Bromoform	U		0.00598	0.0250
Bromomethane	U		0.00370	0.0125
n-Butylbenzene	U		0.00384	0.0125
sec-Butylbenzene	U		0.00253	0.0125
tert-Butylbenzene	U		0.00155	0.00500
Carbon tetrachloride	U		0.00108	0.00500
Chlorobenzene	U		0.000573	0.00250
Chlorodibromomethane	U		0.000450	0.00250
Chloroethane	U		0.00108	0.00500
Chloroform	U		0.000415	0.00250
Chloromethane	U		0.00139	0.0125
2-Chlorotoluene	U		0.000920	0.00250
4-Chlorotoluene	U		0.00113	0.00500
1,2-Dibromo-3-Chloropropane	U		0.00510	0.0250
1,2-Dibromoethane	U		0.000525	0.00250
Dibromomethane	U		0.00100	0.00500
1,2-Dichlorobenzene	U		0.00145	0.00500
1,3-Dichlorobenzene	U		0.00170	0.00500
1,4-Dichlorobenzene	U		0.00197	0.00500
Dichlorodifluoromethane	U		0.000818	0.00250
1,1-Dichloroethane	U		0.000575	0.00250
1,2-Dichloroethane	U		0.000475	0.00250
1,1-Dichloroethene	U		0.000500	0.00250
cis-1,2-Dichloroethene	U		0.000690	0.00250
trans-1,2-Dichloroethene	U		0.00143	0.00500
1,2-Dichloropropane	U		0.00127	0.00500
1,1-Dichloropropene	U		0.000700	0.00250
1,3-Dichloropropane	U		0.00175	0.00500
cis-1,3-Dichloropropene	U		0.000678	0.00250
trans-1,3-Dichloropropene	U		0.00153	0.00500
2,2-Dichloropropane	U		0.000793	0.00250
Di-isopropyl ether	U		0.000350	0.00100
Ethylbenzene	U		0.000530	0.00250
Hexachloro-1,3-butadiene	U		0.0127	0.0250
Isopropylbenzene	U		0.000863	0.00250

Method Blank (MB)

(MB) R3319278-2 06/18/18 21:09

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
p-Isopropyltoluene	U		0.00233	0.00500
2-Butanone (MEK)	U		0.0125	0.0250
Methylene Chloride	U		0.00664	0.0250
4-Methyl-2-pentanone (MIBK)	U		0.0100	0.0250
Methyl tert-butyl ether	U		0.000295	0.00100
Naphthalene	U		0.00312	0.0125
n-Propylbenzene	U		0.00118	0.00500
Styrene	U		0.00273	0.0125
1,1,1,2-Tetrachloroethane	U		0.000500	0.00250
1,1,2,2-Tetrachloroethane	U		0.000390	0.00250
Tetrachloroethene	U		0.000700	0.00250
Toluene	U		0.00125	0.00500
1,1,2-Trichlorotrifluoroethane	U		0.000675	0.00250
1,2,3-Trichlorobenzene	U		0.000625	0.00250
1,2,4-Trichlorobenzene	U		0.00482	0.0125
1,1,1-Trichloroethane	U		0.000275	0.00250
1,1,2-Trichloroethane	U		0.000883	0.00250
Trichloroethene	U		0.000400	0.00100
Trichlorofluoromethane	U		0.000500	0.00250
1,2,3-Trichloropropane	U		0.00510	0.0125
1,2,3-Trimethylbenzene	U		0.00115	0.00500
1,2,4-Trimethylbenzene	U		0.00116	0.00500
1,3,5-Trimethylbenzene	U		0.00108	0.00500
Vinyl chloride	U		0.000683	0.00250
Xylenes, Total	U		0.00478	0.00650
(S) Toluene-d8	*111*			*80.0-120*
(S) Dibromofluoromethane	*94.3*			*74.0-131*
(S) 4-Bromofluorobenzene	*103*			*64.0-132*

Laboratory Control Sample (LCS)

(LCS) R3319278-1 06/18/18 20:14

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Acetone	0.625	0.690	110	11.0-160	
Acrylonitrile	0.625	0.539	86.3	61.0-143	
Benzene	0.125	0.115	91.6	71.0-124	
Bromobenzene	0.125	0.120	96.3	78.0-120	
Bromodichloromethane	0.125	0.116	92.9	75.0-120	

Laboratory Control Sample (LCS)

(LCS) R3319278-1 06/18/18 20:14

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Bromoform	0.125	0.123	98.5	65.0-133	
Bromomethane	0.125	0.115	92.0	26.0-160	
n-Butylbenzene	0.125	0.126	101	73.0-126	
sec-Butylbenzene	0.125	0.122	97.6	75.0-121	
tert-Butylbenzene	0.125	0.114	91.5	74.0-122	
Carbon tetrachloride	0.125	0.117	93.7	66.0-123	
Chlorobenzene	0.125	0.121	96.8	79.0-121	
Chlorodibromomethane	0.125	0.120	96.3	74.0-128	
Chloroethane	0.125	0.124	99.4	51.0-147	
Chloroform	0.125	0.112	89.2	73.0-123	
Chloromethane	0.125	0.174	139	51.0-138	J4
2-Chlorotoluene	0.125	0.122	97.5	72.0-124	
4-Chlorotoluene	0.125	0.117	93.6	78.0-120	
1,2-Dibromo-3-Chloropropane	0.125	0.111	88.6	65.0-126	
1,2-Dibromoethane	0.125	0.124	99.3	78.0-122	
Dibromomethane	0.125	0.126	101	79.0-120	
1,2-Dichlorobenzene	0.125	0.116	92.6	80.0-120	
1,3-Dichlorobenzene	0.125	0.123	98.2	72.0-123	
1,4-Dichlorobenzene	0.125	0.124	99.5	77.0-120	
Dichlorodifluoromethane	0.125	0.149	119	49.0-155	
1,1-Dichloroethane	0.125	0.122	97.9	70.0-128	
1,2-Dichloroethane	0.125	0.116	93.0	69.0-128	
1,1-Dichloroethene	0.125	0.130	104	63.0-131	
cis-1,2-Dichloroethene	0.125	0.125	100	74.0-123	
trans-1,2-Dichloroethene	0.125	0.123	98.1	72.0-122	
1,2-Dichloropropane	0.125	0.126	101	75.0-126	
1,1-Dichloropropene	0.125	0.116	92.9	72.0-130	
1,3-Dichloropropane	0.125	0.121	96.5	80.0-121	
cis-1,3-Dichloropropene	0.125	0.113	90.1	80.0-125	
trans-1,3-Dichloropropene	0.125	0.121	96.8	75.0-129	
2,2-Dichloropropane	0.125	0.130	104	60.0-129	
Di-isopropyl ether	0.125	0.114	91.0	62.0-133	
Ethylbenzene	0.125	0.116	93.1	77.0-120	
Hexachloro-1,3-butadiene	0.125	0.135	108	68.0-128	
Isopropylbenzene	0.125	0.118	94.7	75.0-120	
p-Isopropyltoluene	0.125	0.119	95.4	74.0-125	
2-Butanone (MEK)	0.625	0.693	111	37.0-159	
Methylene Chloride	0.125	0.114	91.3	67.0-123	
4-Methyl-2-pentanone (MIBK)	0.625	0.640	102	60.0-144	
Methyl tert-butyl ether	0.125	0.115	91.6	66.0-125	

Laboratory Control Sample (LCS)

(LCS) R3319278-1 06/18/18 20:14

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Naphthalene	0.125	0.0996	79.7	64.0-125	
n-Propylbenzene	0.125	0.120	95.7	78.0-120	
Styrene	0.125	0.116	93.1	78.0-124	
1,1,1,2-Tetrachloroethane	0.125	0.122	97.8	74.0-124	
1,1,2,2-Tetrachloroethane	0.125	0.116	92.7	73.0-120	
Tetrachloroethene	0.125	0.134	107	70.0-127	
Toluene	0.125	0.120	96.0	70.0-120	
1,1,2-Trichlorotrifluoroethane	0.125	0.133	106	64.0-135	
1,2,3-Trichlorobenzene	0.125	0.107	85.8	68.0-126	
1,2,4-Trichlorobenzene	0.125	0.114	91.3	70.0-127	
1,1,1-Trichloroethane	0.125	0.118	94.7	69.0-125	
1,1,2-Trichloroethane	0.125	0.127	101	78.0-120	
Trichloroethene	0.125	0.122	97.7	79.0-120	
Trichlorofluoromethane	0.125	0.122	97.8	59.0-136	
1,2,3-Trichloropropane	0.125	0.113	90.5	73.0-124	
1,2,3-Trimethylbenzene	0.125	0.115	92.1	76.0-120	
1,2,4-Trimethylbenzene	0.125	0.118	94.8	75.0-120	
1,3,5-Trimethylbenzene	0.125	0.120	96.3	75.0-120	
Vinyl chloride	0.125	0.112	89.8	63.0-134	
Xylenes, Total	0.375	0.370	98.7	77.0-120	
(S) Toluene-d8			*104*	*80.0-120*	
(S) Dibromofluoromethane			*97.5*	*74.0-131*	
(S) 4-Bromofluorobenzene			*97.9*	*64.0-132*	

Method Blank (MB)

(MB) R3318736-1 06/17/18 22:26

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
TPH (GC/FID) High Fraction	U		24.7	100
(S) o-Terphenyl	*107*			*31.0-160*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3318736-2 06/17/18 22:43 • (LCSD) R3318736-3 06/17/18 23:00

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
TPH (GC/FID) High Fraction	1500	1580	1590	105	106	50.0-150			0.646	20
(S) o-Terphenyl				*105*	*106*	*31.0-160*				

Method Blank (MB)

(MB) R3318252-1 06/15/18 09:44

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
TPH (GC/FID) High Fraction	U		0.769	4.00
(S) o-Terphenyl	*59.5*			*18.0-148*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3318252-2 06/15/18 09:55 • (LCSD) R3318252-3 06/15/18 10:06

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
TPH (GC/FID) High Fraction	50.0	35.5	36.1	71.1	72.3	50.0-150			1.70	20
(S) o-Terphenyl				*80.4*	*83.4*	*18.0-148*				

Method Blank (MB)

(MB) R3318632-3 06/17/18 15:41

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Anthracene	U		0.0140	0.0500
Acenaphthene	U		0.0100	0.0500
Acenaphthylene	U		0.0120	0.0500
Benzo(a)anthracene	U		0.00410	0.0500
Benzo(a)pyrene	U		0.0116	0.0500
Benzo(b)fluoranthene	U		0.00212	0.0500
Benzo(g,h,i)perylene	U		0.00227	0.0500
Benzo(k)fluoranthene	U		0.0136	0.0500
Chrysene	U		0.0108	0.0500
Dibenz(a,h)anthracene	U		0.00396	0.0500
Fluoranthene	U		0.0157	0.0500
Fluorene	U		0.00850	0.0500
Indeno(1,2,3-cd)pyrene	U		0.0148	0.0500
Naphthalene	U		0.0198	0.250
Phenanthrene	U		0.00820	0.0500
Pyrene	U		0.0117	0.0500
1-Methylnaphthalene	U		0.00821	0.250
2-Methylnaphthalene	U		0.00902	0.250
2-Chloronaphthalene	U		0.00647	0.250
(S) Nitrobenzene-d5	*63.9*			*31.0-160*
(S) 2-Fluorobiphenyl	*92.5*			*48.0-148*
(S) p-Terphenyl-d14	*95.8*			*37.0-146*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3318632-1 06/17/18 14:57 • (LCSD) R3318632-2 06/17/18 15:19

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Anthracene	2.00	1.95	1.99	97.6	99.4	64.0-142			1.80	20
Acenaphthene	2.00	1.74	1.76	87.1	88.1	66.0-132			1.13	20
Acenaphthylene	2.00	1.75	1.77	87.3	88.3	65.0-132			1.10	20
Benzo(a)anthracene	2.00	1.72	1.74	86.0	87.0	59.0-134			1.12	20
Benzo(a)pyrene	2.00	1.82	1.82	91.0	91.2	61.0-145			0.241	20
Benzo(b)fluoranthene	2.00	1.79	1.81	89.3	90.4	57.0-136			1.21	20
Benzo(g,h,i)perylene	2.00	1.96	1.97	97.8	98.5	54.0-140			0.709	20
Benzo(k)fluoranthene	2.00	1.81	1.79	90.4	89.6	57.0-141			0.915	20
Chrysene	2.00	1.78	1.80	89.1	90.2	63.0-140			1.30	20
Dibenz(a,h)anthracene	2.00	1.92	1.93	96.1	96.5	49.0-141			0.455	20
Fluoranthene	2.00	1.96	1.99	97.8	99.7	65.0-143			1.87	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3318632-1 06/17/18 14:57 • (LCSD) R3318632-2 06/17/18 15:19

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Fluorene	2.00	1.77	1.81	88.5	90.5	64.0-129			2.24	20
Indeno(1,2,3-cd)pyrene	2.00	1.92	1.93	96.2	96.3	53.0-141			0.115	20
Naphthalene	2.00	1.67	1.69	83.7	84.3	68.0-129			0.719	20
Phenanthrene	2.00	1.71	1.74	85.5	87.0	62.0-132			1.63	20
Pyrene	2.00	1.74	1.76	86.8	87.8	58.0-156			1.20	20
1-Methylnaphthalene	2.00	1.83	1.85	91.4	92.5	68.0-137			1.11	20
2-Methylnaphthalene	2.00	1.74	1.76	87.2	87.8	68.0-134			0.746	20
2-Chloronaphthalene	2.00	1.73	1.72	86.5	86.0	65.0-129			0.627	20
(S) Nitrobenzene-d5				*67.1*	*65.8*	*31.0-160*				
(S) 2-Fluorobiphenyl				*91.8*	*90.0*	*48.0-148*				
(S) p-Terphenyl-d14				*99.5*	*98.0*	*37.0-146*				

L1001732-04 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1001732-04 06/17/18 21:34 • (MS) R3318632-4 06/17/18 21:56 • (MSD) R3318632-5 06/17/18 22:18

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Anthracene	2.00	ND	1.80	1.83	90.2	91.3	1	60.0-142			1.25	20
Acenaphthene	2.00	ND	1.65	1.70	82.3	85.0	1	46.0-149			3.21	20
Acenaphthylene	2.00	ND	1.65	1.70	82.6	85.0	1	54.0-142			2.85	20
Benzo(a)anthracene	2.00	ND	1.59	1.61	79.7	80.4	1	55.0-134			0.915	20
Benzo(a)pyrene	2.00	ND	1.56	1.58	78.2	79.2	1	58.0-136			1.28	20
Benzo(b)fluoranthene	2.00	ND	1.47	1.50	73.4	74.7	1	54.0-130			1.75	20
Benzo(g,h,i)perylene	2.00	ND	1.47	1.43	73.7	71.6	1	46.0-135			2.94	20
Benzo(k)fluoranthene	2.00	ND	1.60	1.65	80.1	82.7	1	52.0-131			3.22	20
Chrysene	2.00	ND	1.64	1.67	82.0	83.5	1	55.0-137			1.81	20
Dibenz(a,h)anthracene	2.00	ND	1.42	1.36	70.9	67.8	1	36.0-140			4.38	20
Fluoranthene	2.00	ND	1.78	1.78	89.2	89.1	1	58.0-144			0.162	20
Fluorene	2.00	ND	1.69	1.76	84.6	87.8	1	49.0-142			3.74	20
Indeno(1,2,3-cd)pyrene	2.00	ND	1.46	1.42	72.9	71.2	1	46.0-134			2.26	20
Naphthalene	2.00	ND	1.54	1.63	74.8	79.2	1	29.0-154			5.57	20
Phenanthrene	2.00	ND	1.59	1.64	79.1	81.7	1	44.0-145			3.18	20
Pyrene	2.00	ND	1.64	1.68	82.0	83.9	1	62.0-150			2.37	20
1-Methylnaphthalene	2.00	ND	1.74	1.81	86.0	89.7	1	26.0-160			4.24	20
2-Methylnaphthalene	2.00	ND	1.63	1.72	80.2	84.7	1	51.0-150			5.31	20
2-Chloronaphthalene	2.00	ND	1.65	1.76	82.7	87.8	1	57.0-136			6.00	20
(S) Nitrobenzene-d5					*61.9*	*63.0*		*31.0-160*				
(S) 2-Fluorobiphenyl					*90.8*	*98.4*		*48.0-148*				
(S) p-Terphenyl-d14					*91.6*	*94.0*		*37.0-146*				

Method Blank (MB)

(MB) R3318710-3 06/18/18 01:09

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Anthracene	U		0.000600	0.00600
Acenaphthene	U		0.000600	0.00600
Acenaphthylene	U		0.000600	0.00600
Benzo(a)anthracene	U		0.000600	0.00600
Benzo(a)pyrene	U		0.000600	0.00600
Benzo(b)fluoranthene	U		0.000600	0.00600
Benzo(g,h,i)perylene	U		0.000600	0.00600
Benzo(k)fluoranthene	U		0.000600	0.00600
Chrysene	U		0.000600	0.00600
Dibenz(a,h)anthracene	U		0.000600	0.00600
Fluoranthene	U		0.000600	0.00600
Fluorene	U		0.000600	0.00600
Indeno(1,2,3-cd)pyrene	U		0.000600	0.00600
Naphthalene	U		0.00200	0.0200
Phenanthrene	U		0.000600	0.00600
Pyrene	U		0.000600	0.00600
1-Methylnaphthalene	U		0.00200	0.0200
2-Methylnaphthalene	U		0.00200	0.0200
2-Chloronaphthalene	U		0.00200	0.0200
(S) Nitrobenzene-d5	*85.2*			*14.0-149*
(S) 2-Fluorobiphenyl	*94.3*			*34.0-125*
(S) p-Terphenyl-d14	*84.0*			*23.0-120*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3318710-1 06/18/18 00:26 • (LCSD) R3318710-2 06/18/18 00:48

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Anthracene	0.0800	0.0716	0.0697	89.5	87.1	50.0-125			2.76	20
Acenaphthene	0.0800	0.0667	0.0662	83.4	82.8	52.0-120			0.741	20
Acenaphthylene	0.0800	0.0701	0.0703	87.7	87.9	51.0-120			0.228	20
Benzo(a)anthracene	0.0800	0.0692	0.0666	86.5	83.2	46.0-121			3.87	20
Benzo(a)pyrene	0.0800	0.0545	0.0518	68.1	64.8	42.0-121			5.10	20
Benzo(b)fluoranthene	0.0800	0.0594	0.0581	74.3	72.7	42.0-123			2.21	20
Benzo(g,h,i)perylene	0.0800	0.0677	0.0658	84.7	82.2	43.0-128			2.98	20
Benzo(k)fluoranthene	0.0800	0.0649	0.0624	81.2	78.0	45.0-128			4.03	20
Chrysene	0.0800	0.0684	0.0659	85.5	82.4	48.0-127			3.68	20
Dibenz(a,h)anthracene	0.0800	0.0690	0.0666	86.3	83.3	43.0-132			3.58	20
Fluoranthene	0.0800	0.0606	0.0690	75.8	86.3	49.0-129			12.9	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3318710-1 06/18/18 00:26 • (LCSD) R3318710-2 06/18/18 00:48

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Fluorene	0.0800	0.0736	0.0746	92.0	93.2	50.0-120			1.30	20
Indeno(1,2,3-cd)pyrene	0.0800	0.0667	0.0647	83.4	80.9	44.0-131			3.05	20
Naphthalene	0.0800	0.0641	0.0644	80.2	80.5	50.0-120			0.383	20
Phenanthrene	0.0800	0.0720	0.0699	90.0	87.3	48.0-120			2.95	20
Pyrene	0.0800	0.0657	0.0629	82.1	78.7	48.0-135			4.27	20
1-Methylnaphthalene	0.0800	0.0697	0.0723	87.2	90.4	52.0-122			3.63	20
2-Methylnaphthalene	0.0800	0.0690	0.0686	86.2	85.7	52.0-120			0.585	20
2-Chloronaphthalene	0.0800	0.0667	0.0685	83.4	85.7	50.0-120			2.65	20
(S) Nitrobenzene-d5				*94.3*	*83.9*	*14.0-149*				
(S) 2-Fluorobiphenyl				*89.5*	*91.7*	*34.0-125*				
(S) p-Terphenyl-d14				*83.0*	*81.0*	*23.0-120*				

Method Blank (MB)

(MB) R3319210-3 06/19/18 22:45

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Anthracene	U		0.000600	0.00600
Acenaphthene	U		0.000600	0.00600
Acenaphthylene	U		0.000600	0.00600
Benzo(a)anthracene	U		0.000600	0.00600
Benzo(a)pyrene	U		0.000600	0.00600
Benzo(b)fluoranthene	U		0.000600	0.00600
Benzo(g,h,i)perylene	U		0.000600	0.00600
Benzo(k)fluoranthene	U		0.000600	0.00600
Chrysene	U		0.000600	0.00600
Dibenz(a,h)anthracene	U		0.000600	0.00600
Fluoranthene	U		0.000600	0.00600
Fluorene	U		0.000600	0.00600
Indeno(1,2,3-cd)pyrene	U		0.000600	0.00600
Naphthalene	U		0.00200	0.0200
Phenanthrene	U		0.000600	0.00600
Pyrene	U		0.000600	0.00600
1-Methylnaphthalene	U		0.00200	0.0200
2-Methylnaphthalene	U		0.00200	0.0200
2-Chloronaphthalene	U		0.00200	0.0200
(S) Nitrobenzene-d5	*86.4*			*14.0-149*
(S) 2-Fluorobiphenyl	*77.5*			*34.0-125*
(S) p-Terphenyl-d14	*67.6*			*23.0-120*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3319210-1 06/19/18 22:01 • (LCSD) R3319210-2 06/19/18 22:23

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Anthracene	0.0800	0.0635	0.0647	79.4	80.8	50.0-125			1.78	20
Acenaphthene	0.0800	0.0617	0.0614	77.1	76.7	52.0-120			0.557	20
Acenaphthylene	0.0800	0.0636	0.0631	79.5	78.9	51.0-120			0.754	20
Benzo(a)anthracene	0.0800	0.0611	0.0609	76.4	76.2	46.0-121			0.292	20
Benzo(a)pyrene	0.0800	0.0494	0.0520	61.7	65.0	42.0-121			5.26	20
Benzo(b)fluoranthene	0.0800	0.0603	0.0609	75.3	76.1	42.0-123			1.06	20
Benzo(g,h,i)perylene	0.0800	0.0620	0.0625	77.5	78.1	43.0-128			0.790	20
Benzo(k)fluoranthene	0.0800	0.0627	0.0620	78.4	77.5	45.0-128			1.09	20
Chrysene	0.0800	0.0625	0.0621	78.1	77.6	48.0-127			0.622	20
Dibenz(a,h)anthracene	0.0800	0.0626	0.0626	78.3	78.2	43.0-132			0.0590	20
Fluoranthene	0.0800	0.0665	0.0674	83.1	84.2	49.0-129			1.31	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3319210-1 06/19/18 22:01 • (LCSD) R3319210-2 06/19/18 22:23

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Fluorene	0.0800	0.0630	0.0632	78.7	79.1	50.0-120			0.420	20
Indeno(1,2,3-cd)pyrene	0.0800	0.0617	0.0620	77.2	77.4	44.0-131			0.375	20
Naphthalene	0.0800	0.0637	0.0609	79.7	76.1	50.0-120			4.54	20
Phenanthrene	0.0800	0.0625	0.0628	78.1	78.5	48.0-120			0.444	20
Pyrene	0.0800	0.0618	0.0617	77.2	77.2	48.0-135			0.0620	20
1-Methylnaphthalene	0.0800	0.0619	0.0606	77.4	75.7	52.0-122			2.15	20
2-Methylnaphthalene	0.0800	0.0643	0.0607	80.4	75.9	52.0-120			5.69	20
2-Chloronaphthalene	0.0800	0.0615	0.0611	76.8	76.4	50.0-120			0.604	20
(S) Nitrobenzene-d5				*97.2*	*95.7*	*14.0-149*				
(S) 2-Fluorobiphenyl				*81.6*	*80.3*	*34.0-125*				
(S) p-Terphenyl-d14				*72.2*	*68.6*	*23.0-120*				

L1001565-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1001565-01 06/19/18 23:07 • (MS) R3319210-4 06/19/18 23:29 • (MSD) R3319210-5 06/19/18 23:51

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Anthracene	0.0800	ND	0.0797	0.0738	99.6	92.2	1	20.0-136			7.71	24
Acenaphthene	0.0800	ND	0.0726	0.0673	90.8	84.2	1	29.0-124			7.57	20
Acenaphthylene	0.0800	ND	0.0745	0.0690	93.1	86.2	1	35.0-120			7.73	20
Benzo(a)anthracene	0.0800	ND	0.0723	0.0673	89.3	83.0	1	13.0-132			7.19	27
Benzo(a)pyrene	0.0800	ND	0.0737	0.0664	90.9	81.7	1	14.0-138			10.5	27
Benzo(b)fluoranthene	0.0800	ND	0.0711	0.0625	87.0	76.3	1	10.0-129			12.9	31
Benzo(g,h,i)perylene	0.0800	ND	0.0775	0.0708	94.7	86.4	1	10.0-133			9.03	30
Benzo(k)fluoranthene	0.0800	ND	0.0731	0.0708	90.5	87.7	1	15.0-131			3.16	27
Chrysene	0.0800	ND	0.0757	0.0695	93.6	85.9	1	15.0-137			8.53	25
Dibenz(a,h)anthracene	0.0800	ND	0.0742	0.0684	92.7	85.5	1	15.0-132			8.04	27
Fluoranthene	0.0800	ND	0.0796	0.0735	98.3	90.6	1	13.0-139			8.05	28
Fluorene	0.0800	ND	0.0750	0.0692	93.8	86.5	1	27.0-122			7.99	22
Indeno(1,2,3-cd)pyrene	0.0800	ND	0.0741	0.0683	91.4	84.1	1	11.0-133			8.19	29
Naphthalene	0.0800	ND	0.0734	0.0681	91.8	85.1	1	18.0-136			7.55	21
Phenanthrene	0.0800	ND	0.0740	0.0683	92.5	85.4	1	15.0-133			8.06	25
Pyrene	0.0800	ND	0.0746	0.0689	92.0	84.9	1	11.0-146			8.01	29
1-Methylnaphthalene	0.0800	ND	0.0723	0.0673	90.4	84.2	1	24.0-137			7.08	22
2-Methylnaphthalene	0.0800	ND	0.0731	0.0678	91.3	84.7	1	23.0-136			7.51	22
2-Chloronaphthalene	0.0800	ND	0.0731	0.0681	91.3	85.2	1	36.0-120			7.01	20
(S) Nitrobenzene-d5					*114*	*100*		*14.0-149*				
(S) 2-Fluorobiphenyl					*95.0*	*84.0*		*34.0-125*				
(S) p-Terphenyl-d14					*80.9*	*71.5*		*23.0-120*				

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Abbreviations and Definitions

(dry)	Results are reported based on the dry weight of the sample. [this will only be present on a dry report basis for soils].
MDL	Method Detection Limit.
MDL (dry)	Method Detection Limit.
ND	Not detected at the Reporting Limit (or MDL where applicable).
RDL	Reported Detection Limit.
RDL (dry)	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state “ND” (Not Detected) or “BDL” (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
B	The same analyte is found in the associated blank.
J	The identification of the analyte is acceptable; the reported value is an estimate.
J3	The associated batch QC was outside the established quality control range for precision.
J4	The associated batch QC was outside the established quality control range for accuracy.
J6	The sample matrix interfered with the ability to make any accurate determination; spike value is low.
J7	Surrogate recovery cannot be used for control limit evaluation due to dilution.

ESC Lab Sciences is the only environmental laboratory accredited/certified to support your work nationwide from one location. One phone call, one point of contact, one laboratory. No other lab is as accessible or prepared to handle your needs throughout the country. Our capacity and capability from our single location laboratory is comparable to the collective totals of the network laboratories in our industry. The most significant benefit to our one location design is the design of our laboratory campus. The model is conducive to accelerated productivity, decreasing turn-around time, and preventing cross contamination, thus protecting sample integrity. Our focus on premium quality and prompt service allows us to be YOUR LAB OF CHOICE.
* Not all certifications held by the laboratory are applicable to the results reported in the attached report.
* Accreditation is only applicable to the test methods specified on each scope of accreditation held by ESC Lab Sciences.

State Accreditations

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN-03-2002-34
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	n/a
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO00356
Kentucky [1 6]	90010	South Carolina	84004
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana [1]	LA180010	Texas	T 104704245-17-14
Maine	TN0002	Texas [5]	LAB0152
Maryland	324	Utah	TN00003
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	460132
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	9980939910
Montana	CERT0086	Wyoming	A2LA

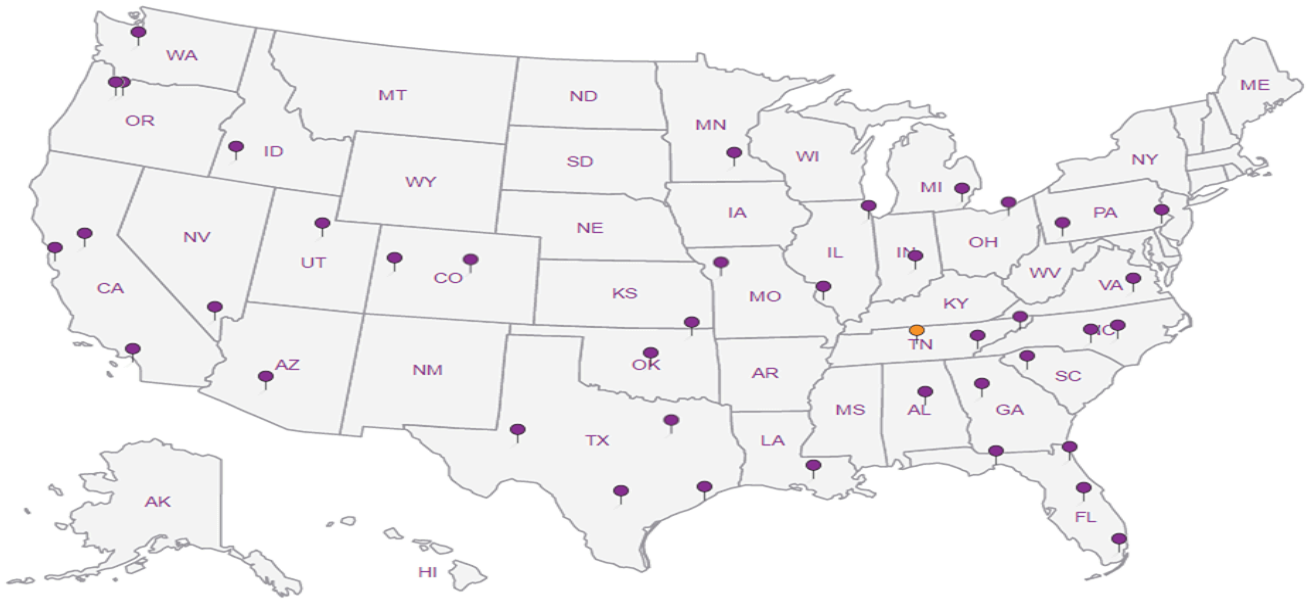
Third Party Federal Accreditations

A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] Wastewater n/a Accreditation not applicable

Our Locations

ESC Lab Sciences has sixty-four client support centers that provide sample pickup and/or the delivery of sampling supplies. If you would like assistance from one of our support offices, please contact our main office. ESC Lab Sciences performs all testing at our central laboratory.



Dominion Due Diligence Group

201 Wylderose Dr
Midlothian, VA 23113

Billing Information:
Accounts Payable
201 Wylderose Dr
Midlothian, VA 23113

Pres Chk

Report to: Ms. Diane Groom

Email To: j.turner@d3g.com; r.james@d3g.com; d.groom@d3g.com; e.fisher@d3g.com;

Project Description: **Proposed Seaboard Station Apartments**

City/State Collected:

Phone: 804-358-2020
Fax:

Client Project # 2018-001031

Lab Project # D3GVA-2018001031

Collected by (print): Diane E. Groom

Site/Facility ID #

P.O. #

Collected by (signature): Diane E. Groom

Immediately Packed on Ice N ___ Y X

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote #

Date Results Needed

Analysis / Container / Preservative

Chain of Custody Page 2 of 2

ESC LABORATORIES
a subsidiary of Pace Analytical

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

L #

Table #

Acctnum: D3GVA
Template: T137160
Prelogin: P658303
TSR: 364 - T. Alan Harvill
PB: 6-11-18 CM

Shipped Via: FedEX Standard

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	DRO,SV8270PAHSIM, TS 4ozClr-NoPres	DROLVI 40mlAmb-HCl-BT	GRO 40ml/NaBiS/Syr/MeOH	~~GRO 40mlAmb HCl~~	~~GRO,V8260BTEX 40ml/NaHSO4/Syr/MeOH~~	PAHSIMLVI 40mlAmb-NoPres-WT	RCRA Mtls 2ozClr-NoPres	SV8270PAHSIM,TS 4ozClr-NoPres	V8260BTEX 40mlAmb-HCl Full List	~~V8260BTEX 40mlAmb-HCl-Blk~~	Remarks	Sample # (lab only)
SB-1	Grab	SS	2-4	6/13/18	820	6	X		X		X				X			06
SB-2 SHALLOW	Grab	SS	1-3		835	7	X		X				X					07
SB-2 DEEP	Grab	SS	6-8		845	6	X		X		X				X			08
SB-3 SHALLOW	Grab	SS	1-2		0900	7	X		X				X					09
SB-3 DEEP	Grab	SS	4-5		0910	6	X		X		X				X			10
SB-4 SHALLOW	Grab	SS	1-3		1000	7	X		X				X		X			11
~~SB-4 DEEP~~		SS	—		—	6	X		X		X				X			
SB-5	Grab	SS	1-3		1215	2							X	X				12
SB-6	Grab	SS	1-3		1135	2							X	X				13
SB-7	Grab	SS	6-8		1200	7	X		X				X					14

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks: Analysis Trip Blanks for Cooler #1 & Cooler #2 for VOC's Full List V8260

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier __ _____

Tracking #

Sample Receipt Checklist
COC Seal Present/Intact: __NP __Y __N
COC Signed/Accurate: __Y __N
Bottles arrive intact: __Y __N
Correct bottles used: __Y __N
Sufficient volume sent: __Y __N
If Applicable
VOA Zero Headspace: __Y __N
Preservation Correct/Checked: __Y __N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
Diane E. Groom	6/13/18	1305	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)
			861

Trip Blank Received: Yes / No
2 HCL / MeoH
TBR

Temp: 1.9 °C Bottles Received: 86

Date: 6/14/18 Time: 8145

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

Dominion Due Diligence Group

201 Wylderose Dr
Midlothian, VA 23113

Billing Information:
Accounts Payable
201 Wylderose Dr
Midlothian, VA 23113

Report to:
Ms. Diane Groom

Email To: j.turner@d3g.com; r.james@d3g.com; d.groom@d3g.com; e.fisher@d3g.com;

Project
Description: Proposed Seaboard Station Apartments

City/State Collected:

Phone: 804-358-2020
Fax:

Client Project #
2018-001031

Lab Project #
D3GVA-2018001031

Collected by (print):
Diane E. Groom

Site/Facility ID #

P.O. #

Collected by (signature):
Diane E. Groom

Immediately Packed on Ice N ___ Y X

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote #

Date Results Needed

Pres Chk

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	DRO,SV8270PAHSIM, TS 4ozClr-NoPres	DROLVI 40mlAmb-HCl-BT	GRO 40ml/NaBIS/Syr/MeOH	GRO 40mlAmb HCl	GRO,V8260BTEX 40ml/NaHS04/Syr/MeOH	PAHSIMLVI 40mlAmb-NoPres-WT	RCRA Mtls 2ozClr-NoPres	SV8270PAHSIM,TS 4ozClr-NoPres	V8260BTEX 40mlAmb-HCl Full List	V8260BTEX 40mlAmb-HCl-BTK	Remarks	Sample # (lab only)
GW-1		GW	10	6/13/18	0820	9		X		X		X			X			-01
GW-2		GW	10		0854	9		X		X		X			X			02
GW-3		GW	9		0936	9		X		X		X			X			03
GW-4		GW	9		1000	9		X		X		X			X	MW		04
TRIP BLANK		GW		6/12-18	1240	2									X			05
		GW				9		X		X		X			X			06 TW
		SS				7	X		X				X						
		SS				6	X				X								

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____
Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier _____

Tracking # 4380 6877 3152 1941

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
Diane E. Groom	6/13/18	1305	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)

Trip Blank Received: (Yes) / No
2 HCl / MeOH
TBR

Temp: 1.9 °C Bottles Received: 86

Date: 6/14/18 Time: 8:45

If preservation required by Login: Date/Time

Hold:

Condition: NCF / (OK)

Sample Receipt Checklist
COC Seal Present/Intact: NP Y N
COC Signed/Accurate: Y N
Bottles arrive intact: Y N
Correct bottles used: Y N
Sufficient volume sent: Y N
If Applicable
VOA Zero Headspace: Y N
Preservation Correct/Checked: Y N

Chain of Custody Page 1 of 1

ESC LAB SCIENCES
a subsidiary of Pace Analytical

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

L# L1001666

E090

Acctnum: D3GVA
Template: T137160
Prelogin: P658303
TSR: 364 - T. Alan Harvill
PB: 6-11-18 CM
Shipped Via: FedEx Standard

Serial Number: 78447

Avery Laboratories & Environmental Services, LLC

Ship To: 2720 Gregory St. , Unit 200 Savannah, Ga. 31404
T 912 944-3748 F 912 234-9294
email: pgrimm@averylab.com

LAB NUMBER 1901140

Client Information		Page 1 of 2	Project Name: Seaboard Station Apt.	Subcontract Laboratory
Customer:	Terracon	Sampler:	Project Number: 25187351 State where work originated:	Name / Address/ Phone
Address:	7201 Rowland Ave	Turn Around Time (Place X below)		N
City/State/Zip:	Savannah Ga	24 Hours		A
Contact:	J. Johnson	48 Hours		
Phone:	912 629-4000	72 Hours		P
Email:	J.Johnson@terracon.com	5 Working Days		
Purchase Order #:		7 Working Days		
Project Manager:	J. Johnson	Other:		

Sample Identification	Date	Time	Matrix	# of Containers	BTEX	PAH	Remarks
B-3-N-4-1	1/11/19	1000	S	5			
B-3-N-4-2	1/11/19	1005	S	5	X	X	
B-3-1	1/11/19	1000	S	5			
B-3-2	1/11/19	1115	S	5			
B-3-E-7-1	1/11/19	1315	S	5	X	X	
B-3-E-7-2	1/11/19	1320	S	5	X	X	
B-3-N-4-1	1/11/19	1000	S	5	X	X	
B-3-N-2-1	1/11/19	1325	S	5	X	X	
B-3-N-2-2	1/11/19	1330	S	5	X	X	
B-3-E-4-1	1/11/19	1350	S	5	X	X	
B-3-E-4-2	1/11/19	1355	S	5	X	X	

Preservative

Matrix Type: A = Air W = Water S = Solid N = Nonaqueous (solvent, acid, etc.)

Preservative: 1= None 2 = H2SO4 3 = HN03 4 = HCL 5 = MeOH 6 = NAHSO4 7 = Water 8 = Sodium Bisulfate 9 = Other

Instructions or Special Requirements:

Temperature: 3.1°C, 6.6°C Custody Seals: (Yes) No Custody Seals Intact: (Yes) No

Relinquished by:	Date/Time: 1/11/19	1700	Received by: Robert	Date/Time: 1/11/19 1654
Relinquished by:	Date/Time:		Received by:	Date/Time:
Relinquished by:	Date/Time:		Received by:	Date/Time:

Avery Laboratories & Environmental Services, LLC

Ship To: 2720 Gregory St. , Unit 200 Savannah, Ga. 31404
T 912 944-3748 F 912 234-9294
email: pgrimm@averylab.com

Serial Number: 78452

LAB NUMBER 1901140B

Client Information		Page 1 of 1	Project Name: Seaboard Station Apartments	Subcontract Laboratory
Customer:	Terracon	Sampler: JC	Project Number: E5187351 State where work originated:	Name / Address/ Phone
Address:	2201 Rowland Ave.	Turn Around Time (Place X below)		N
City/State/Zip:	Savannah GA	24 Hours		A
Contact:	Justin Johnson	48 Hours		
Phone:	912 629 4009	72 Hours		P
Email:	J. Johnson@terracon	5 Working Days		
Purchase Order #:		7 Working Days	X	
Project Manager:	J. Johnson	Other:		

BTEX PAH

Preservative

Sample Identification	Date	Time	Matrix	# of Containers														Remarks
B-3-S-6-1	1/11/19	1510	S	5	X	X												
B-3-S-6-2		1515	S	5	X	X												
B-3-S-3-1		1530	S	5	X	X												
B-3-S-3-2		1535	S	5	X	X												
B-3-W-4-1		1600	S	5	X	X												
B-3-W-4-2		1605	S	5	X	X												
B-3-W-7-1		1615	S	5	X	X												
B-3-W-7-2		1620	S	5	X	X												

Matrix Type: A = Air W = Water S= Solid N = Nonaqueous (solvent, acid, etc.)

Preservative: 1= None 2 = H2SO4 3 = HN03 4 = HCL 5 = MeOH 6 = NAHSO4 7 = Water 8 = Sodium Bisulfate 9 = Other

Instructions or Special Requirements:

Temperature: 3.1 6.6 0 NCF Custody Seals: (Yes) No Custody Seals Intact: (Yes) No

Relinquished by:	Date/Time: 1/11/19 1700	Received by:	Date/Time: 1/12/19 1654
Relinquished by:	Date/Time:	Received by:	Date/Time:
Relinquished by:	Date/Time:	Received by:	Date/Time:

F86-02

Effective Date: 09.15.15

RP19012219

LABORATORY ANALYSIS REPORT

Job ID : 19011404

Avery Laboratories & Environmental Services, LLC

2720 Gregory St. Unit 200 Savannah, Georgia 31404 Tel: (912) 944-3748 Fax: (912) 234-9294

Client Project ID :
Seaboard Station Apartments

Report To : Client Name: Terracon Attn: Justin Johnson
Client Address: 2201 Rowland Ave. P.O.#.:
City, State, Zip: Savannah, GA, 31404

Dear Justin Johnson

The following test results meet all NELAC requirements for analytes for which certification is available. Any deviations from these quality systems will be noted in this case narrative. All analyses performed by Avery Laboratories & Environmental Services, LLC unless noted. Parameters not performed by Avery Laboratories will be listed in the case narrative section of this report.

This report shall not be reproduced, except in its entirety, without the written approval of Avery Laboratories. The test results in this report relate only to the samples analyzed.
For questions regarding this report, contact Robert Paul Grimm at (912)944-3748.

Sincerely,

Robert Paul Grimm (Technical Director)

This Laboratory is NELAP accredited.
I am the laboratory manager, or his/her designee, and I am responsible for the release of this data package. This laboratory data package has been reviewed and is complete and technically compliant with the requirements of the methods used, except where noted in the attached exception reports. I affirm, to the best of my knowledge that all problems/anomalies observed by this laboratory (and if applicable, any and all laboratories subcontracted through this laboratory) that might affect the quality of the data, have been identified in the Laboratory Review Checklist, and that no information or data have been knowingly withheld that would affect the quality of the data.

Date: 01/22/2019 15:54 Primary Accreditation State and Number: Florida E87941

CLIENT SAMPLE RESULTS

Job ID : 19011404

Avery Laboratories & Environmental Services, LLC

2720 Gregory St. Unit 200 Savannah, Georgia 31404 Tel: (912) 944-3748 Fax: (912) 234-9294

Client Name:	Terracon	Attn:	Justin Johnson
Project ID:	Seaboard Station Apartments	Date:	01/22/2019

Job ID :	19011404	Sample Matrix:	Soil
Client Sample ID:	B-3-N-4-2	Date Collected:	01/11/2019
Job Sample ID:	19011404.01	Time Collected:	10:05
Other Information:			

Test Method	Parameter	Result	Units	DF	RL	MDL	Q	Date/Time Analyzed	Analyst
SM2540b	**% Moisture**								
	% Moisture	15.3	%	1				01/16/2019 11:17	HDM
SW-846 8260B	**Volatile Organic Compounds-Soil**								
	Benzene	0.00153	mg/kg dw	1.21	0.00700	0.000670	J	01/16/2019 17:14	HDM
	Ethylbenzene	0.000444	mg/kg dw	1.21	0.00700	0.000230	J	01/16/2019 17:14	HDM
	Toluene	0.00177	mg/kg dw	1.21	0.00700	0.00140	J	01/16/2019 17:14	HDM
	xylene-o	0.000931	mg/kg dw	1.21	0.00700	0.000710	J	01/16/2019 17:14	HDM
	xylenes (m&P)	0.00165	mg/kg dw	1.21	0.0140	0.00103	J	01/16/2019 17:14	HDM
	Dibromofluoromethane(surr)	122.0	%	1.21	61.2-143			01/16/2019 17:14	HDM
	p-Bromofluorobenzene(surr)	74.4	%	1.21	69.4-143			01/16/2019 17:14	HDM
	Toluene-d8(surr)	94.2	%	1.21	62.3-146			01/16/2019 17:14	HDM
SW-846 8270D	**Semivolatile Organic Compounds - Soils**								
	1-Methylnaphthalene	0.883	mg/kg dw	4.97	0.489	0.392		01/21/2019 16:24	RPG
	2-Methylnaphthalene	1.08	mg/kg dw	4.97	0.489	0.412		01/21/2019 16:24	RPG
	Acenaphthene	BDL	mg/kg dw	4.97	0.489	0.0675		01/21/2019 16:24	RPG
	Acenaphthylene	0.637	mg/kg dw	4.97	0.489	0.0769		01/21/2019 16:24	RPG
	Anthracene	0.418	mg/kg dw	4.97	0.489	0.0669	J	01/21/2019 16:24	RPG
	Benzo(a)anthracene	2.72	mg/kg dw	4.97	0.489	0.172		01/21/2019 16:24	RPG
	Benzo(a)pyrene	3.66	mg/kg dw	4.97	0.489	0.0510		01/21/2019 16:24	RPG
	Benzo(b)fluoranthene	7.33	mg/kg dw	4.97	0.489	0.0469		01/21/2019 16:24	RPG
	Benzo(g,h,i)perylene	3.08	mg/kg dw	4.97	0.489	0.119		01/21/2019 16:24	RPG
	Benzo(k)fluoranthene	3.01	mg/kg dw	4.97	0.489	0.0945		01/21/2019 16:24	RPG
	Chrysene	3.68	mg/kg dw	4.97	0.489	0.0669		01/21/2019 16:24	RPG
	Dibenzo(a,h)anthracene	0.542	mg/kg dw	4.97	0.489	0.0956	J	01/21/2019 16:24	RPG
	Fluoranthene	3.62	mg/kg dw	4.97	0.489	0.310		01/21/2019 16:24	RPG
	Fluorene	BDL	mg/kg dw	4.97	0.489	0.314		01/21/2019 16:24	RPG
	Indeno(1,2,3-cd)pyrene	2.43	mg/kg dw	4.97	0.489	0.0810		01/21/2019 16:24	RPG
	Naphthalene	0.760	mg/kg dw	4.97	0.489	0.0704		01/21/2019 16:24	RPG
	Phenanthrene	0.928	mg/kg dw	4.97	0.489	0.0945		01/21/2019 16:24	RPG
	Pyrene	4.60	mg/kg dw	4.97	0.489	0.255		01/21/2019 16:24	RPG
	2,4,6-Tribromophenol(surr)	63.3	%	4.97	49.3-138			01/21/2019 16:24	RPG
	2-Fluorobiphenyl(surr)	77.4	%	4.97	41.4-111			01/21/2019 16:24	RPG

Date: 01/22/2019 15:54

CLIENT SAMPLE RESULTS

Job ID : 19011404

Avery Laboratories & Environmental Services, LLC

2720 Gregory St. Unit 200 Savannah, Georgia 31404 Tel: (912) 944-3748 Fax: (912) 234-9294

Client Name:	Terracon	Attn:	Justin Johnson
Project ID:	Seaboard Station Apartments	Date:	01/22/2019

Job ID :	19011404	Sample Matrix:	Soil
Client Sample ID:	B-3-N-4-2	Date Collected:	01/11/2019
Job Sample ID:	19011404.01	Time Collected:	10:05
Other Information:			

Test Method	Parameter	Result	Units	DF	RL	MDL	Q	Date/Time Analyzed	Analyst
SW-846 8270D	**Semivolatile Organic Compounds - Soils**								
	2-Fluorophenol(surr)	61.4	%	4.97	37.1-101			01/21/2019 16:24	RPG
	Nitrobenzene-d5(surr)	61.3	%	4.97	35.2-104			01/21/2019 16:24	RPG
	Phenol-d5(surr)	57.3	%	4.97	36.1-96.7			01/21/2019 16:24	RPG
	p-Terphenyl-d14(surr)	79.7	%	4.97	54.9-118			01/21/2019 16:24	RPG

CLIENT SAMPLE RESULTS

Job ID : 19011404

Avery Laboratories & Environmental Services, LLC

2720 Gregory St. Unit 200 Savannah, Georgia 31404 Tel: (912) 944-3748 Fax: (912) 234-9294

Client Name:	Terracon	Attn:	Justin Johnson
Project ID:	Seaboard Station Apartments	Date:	01/22/2019

Job ID :	19011404	Sample Matrix:	Soil
Client Sample ID:	B-3-E-7-1	Date Collected:	01/11/2019
Job Sample ID:	19011404.02	Time Collected:	13:15
Other Information:			

Test Method	Parameter	Result	Units	DF	RL	MDL	Q	Date/Time Analyzed	Analyst
SM2540b	**% Moisture**								
	% Moisture	18.4	%	1				01/16/2019 11:17	HDM
SW-846 8260B	**Volatile Organic Compounds-Soil**								
	Benzene	0.00135	mg/kg dw	1.19	0.00700	0.000690	J	01/16/2019 17:38	HDM
	Ethylbenzene	0.00147	mg/kg dw	1.19	0.00700	0.000230	J	01/16/2019 17:38	HDM
	Toluene	0.00172	mg/kg dw	1.19	0.00700	0.00150		01/16/2019 17:38	HDM
	xylene-o	BDL	mg/kg dw	1.19	0.00700	0.000730		01/16/2019 17:38	HDM
	xylenes (m&P)	0.00123	mg/kg dw	1.19	0.0150	0.00105		01/16/2019 17:38	HDM
	Dibromofluoromethane(surr)	121.0	%	1.19	61.2-143			01/16/2019 17:38	HDM
	p-Bromofluorobenzene(surr)	75.6	%	1.19	69.4-143			01/16/2019 17:38	HDM
	Toluene-d8(surr)	101.0	%	1.19	62.3-146			01/16/2019 17:38	HDM
SW-846 8270D	**Semivolatile Organic Compounds - Soils**								
	1-Methylnaphthalene	BDL	mg/kg dw	4.97	0.508	0.408		01/21/2019 16:51	RPG
	2-Methylnaphthalene	BDL	mg/kg dw	4.97	0.508	0.428		01/21/2019 16:51	RPG
	Acenaphthene	BDL	mg/kg dw	4.97	0.508	0.0701		01/21/2019 16:51	RPG
	Acenaphthylene	BDL	mg/kg dw	4.97	0.508	0.0798		01/21/2019 16:51	RPG
	Anthracene	0.0711	mg/kg dw	4.97	0.508	0.0695	J	01/21/2019 16:51	RPG
	Benzo(a)anthracene	0.183	mg/kg dw	4.97	0.508	0.179		01/21/2019 16:51	RPG
	Benzo(a)pyrene	0.170	mg/kg dw	4.97	0.508	0.0530	J	01/21/2019 16:51	RPG
	Benzo(b)fluoranthene	0.372	mg/kg dw	4.97	0.508	0.0487	J	01/21/2019 16:51	RPG
	Benzo(g,h,i)perylene	0.177	mg/kg dw	4.97	0.508	0.124	J	01/21/2019 16:51	RPG
	Benzo(k)fluoranthene	0.158	mg/kg dw	4.97	0.508	0.0981	J	01/21/2019 16:51	RPG
	Chrysene	0.275	mg/kg dw	4.97	0.508	0.0695	J	01/21/2019 16:51	RPG
	Dibenzo(a,h)anthracene	BDL	mg/kg dw	4.97	0.508	0.0993		01/21/2019 16:51	RPG
	Fluoranthene	BDL	mg/kg dw	4.97	0.508	0.322		01/21/2019 16:51	RPG
	Fluorene	BDL	mg/kg dw	4.97	0.508	0.326		01/21/2019 16:51	RPG
	Indeno(1,2,3-cd)pyrene	0.112	mg/kg dw	4.97	0.508	0.0841	J	01/21/2019 16:51	RPG
	Naphthalene	0.213	mg/kg dw	4.97	0.508	0.0731	J	01/21/2019 16:51	RPG
	Phenanthrene	0.318	mg/kg dw	4.97	0.508	0.0981	J	01/21/2019 16:51	RPG
	Pyrene	0.270	mg/kg dw	4.97	0.508	0.265	J	01/21/2019 16:51	RPG
	2,4,6-Tribromophenol(surr)	75.3	%	4.97	49.3-138			01/21/2019 16:51	RPG
	2-Fluorobiphenyl(surr)	72.6	%	4.97	41.4-111			01/21/2019 16:51	RPG

Date: 01/22/2019 15:54

CLIENT SAMPLE RESULTS

Job ID : 19011404

Avery Laboratories & Environmental Services, LLC

2720 Gregory St. Unit 200 Savannah, Georgia 31404 Tel: (912) 944-3748 Fax: (912) 234-9294

Client Name:	Terracon	Attn:	Justin Johnson
Project ID:	Seaboard Station Apartments	Date:	01/22/2019

Job ID :	19011404	Sample Matrix:	Soil
Client Sample ID:	B-3-E-7-1	Date Collected:	01/11/2019
Job Sample ID:	19011404.02	Time Collected:	13:15
Other Information:			

Test Method	Parameter	Result	Units	DF	RL	MDL	Q	Date/Time Analyzed	Analyst
SW-846 8270D	**Semivolatile Organic Compounds - Soils**								
	2-Fluorophenol(surr)	62.9	%	4.97	37.1-101			01/21/2019 16:51	RPG
	Nitrobenzene-d5(surr)	58.0	%	4.97	35.2-104			01/21/2019 16:51	RPG
	Phenol-d5(surr)	54.7	%	4.97	36.1-96.7			01/21/2019 16:51	RPG
	p-Terphenyl-d14(surr)	73.9	%	4.97	54.9-118			01/21/2019 16:51	RPG

CLIENT SAMPLE RESULTS

Job ID : 19011404

Avery Laboratories & Environmental Services, LLC

2720 Gregory St. Unit 200 Savannah, Georgia 31404 Tel: (912) 944-3748 Fax: (912) 234-9294

Client Name:	Terracon	Attn:	Justin Johnson
Project ID:	Seaboard Station Apartments	Date:	01/22/2019

Job ID :	19011404	Sample Matrix:	Soil
Client Sample ID:	B-3-E-7-2	Date Collected:	01/11/2019
Job Sample ID:	19011404.03	Time Collected:	13:20
Other Information:			

Test Method	Parameter	Result	Units	DF	RL	MDL	Q	Date/Time Analyzed	Analyst
SM2540b	**% Moisture**								
	% Moisture	19.0	%	1				01/16/2019 11:17	HDM
SW-846 8260B	**Volatile Organic Compounds-Soil**								
	Benzene	0.00111	mg/kg dw	0.842	0.00500	0.000490	J	01/16/2019 18:03	HDM
	Ethylbenzene	0.000478	mg/kg dw	0.842	0.00500	0.000170	J	01/16/2019 18:03	HDM
	Toluene	0.00222	mg/kg dw	0.842	0.00500	0.00100	J	01/16/2019 18:03	HDM
	xylene-o	BDL	mg/kg dw	0.842	0.00500	0.000520		01/16/2019 18:03	HDM
	xylenes (m&P)	BDL	mg/kg dw	0.842	0.0100	0.000750		01/16/2019 18:03	HDM
	Dibromofluoromethane(surr)	114.0	%	0.842	61.2-143			01/16/2019 18:03	HDM
	p-Bromofluorobenzene(surr)	87.9	%	0.842	69.4-143			01/16/2019 18:03	HDM
	Toluene-d8(surr)	102.0	%	0.842	62.3-146			01/16/2019 18:03	HDM
SW-846 8270D	**Semivolatile Organic Compounds - Soils**								
	1-Methylnaphthalene	BDL	mg/kg dw	0.996	0.102	0.0823		01/21/2019 17:18	RPG
	2-Methylnaphthalene	BDL	mg/kg dw	0.996	0.102	0.0864		01/21/2019 17:18	RPG
	Acenaphthene	BDL	mg/kg dw	0.996	0.102	0.0141		01/21/2019 17:18	RPG
	Acenaphthylene	BDL	mg/kg dw	0.996	0.102	0.0161		01/21/2019 17:18	RPG
	Anthracene	BDL	mg/kg dw	0.996	0.102	0.0140		01/21/2019 17:18	RPG
	Benzo(a)anthracene	BDL	mg/kg dw	0.996	0.102	0.0362		01/21/2019 17:18	RPG
	Benzo(a)pyrene	0.0309	mg/kg dw	0.996	0.102	0.0107	J	01/21/2019 17:18	RPG
	Benzo(b)fluoranthene	0.0519	mg/kg dw	0.996	0.102	0.00980	J	01/21/2019 17:18	RPG
	Benzo(g,h,i)perylene	0.0333	mg/kg dw	0.996	0.102	0.0250	J	01/21/2019 17:18	RPG
	Benzo(k)fluoranthene	0.0309	mg/kg dw	0.996	0.102	0.0198	J	01/21/2019 17:18	RPG
	Chrysene	0.0395	mg/kg dw	0.996	0.102	0.0140	J	01/21/2019 17:18	RPG
	Dibenzo(a,h)anthracene	BDL	mg/kg dw	0.996	0.102	0.0200		01/21/2019 17:18	RPG
	Fluoranthene	BDL	mg/kg dw	0.996	0.102	0.0650		01/21/2019 17:18	RPG
	Fluorene	BDL	mg/kg dw	0.996	0.102	0.0658		01/21/2019 17:18	RPG
	Indeno(1,2,3-cd)pyrene	0.0222	mg/kg dw	0.996	0.102	0.0170	J	01/21/2019 17:18	RPG
	Naphthalene	0.0185	mg/kg dw	0.996	0.102	0.0148	J	01/21/2019 17:18	RPG
	Phenanthrene	0.0432	mg/kg dw	0.996	0.102	0.0198	J	01/21/2019 17:18	RPG
	Pyrene	BDL	mg/kg dw	0.996	0.102	0.0535		01/21/2019 17:18	RPG
	2,4,6-Tribromophenol(surr)	67.8	%	0.996	49.3-138			01/21/2019 17:18	RPG
	2-Fluorobiphenyl(surr)	68.7	%	0.996	41.4-111			01/21/2019 17:18	RPG

Date: 01/22/2019 15:54

CLIENT SAMPLE RESULTS

Job ID : 19011404

Avery Laboratories & Environmental Services, LLC

2720 Gregory St. Unit 200 Savannah, Georgia 31404 Tel: (912) 944-3748 Fax: (912) 234-9294

Client Name:	Terracon	Attn:	Justin Johnson
Project ID:	Seaboard Station Apartments	Date:	01/22/2019

Job ID :	19011404	Sample Matrix:	Soil
Client Sample ID:	B-3-E-7-2	Date Collected:	01/11/2019
Job Sample ID:	19011404.03	Time Collected:	13:20
Other Information:			

Test Method	Parameter	Result	Units	DF	RL	MDL	Q	Date/Time Analyzed	Analyst
SW-846 8270D	**Semivolatile Organic Compounds - Soils**								
	2-Fluorophenol(surr)	58.1	%	0.996	37.1-101			01/21/2019 17:18	RPG
	Nitrobenzene-d5(surr)	54.4	%	0.996	35.2-104			01/21/2019 17:18	RPG
	Phenol-d5(surr)	52.4	%	0.996	36.1-96.7			01/21/2019 17:18	RPG
	p-Terphenyl-d14(surr)	71.5	%	0.996	54.9-118			01/21/2019 17:18	RPG

CLIENT SAMPLE RESULTS

Job ID : 19011404

Avery Laboratories & Environmental Services, LLC

2720 Gregory St. Unit 200 Savannah, Georgia 31404 Tel: (912) 944-3748 Fax: (912) 234-9294

Client Name:	Terracon	Attn:	Justin Johnson
Project ID:	Seaboard Station Apartments	Date:	01/22/2019

Job ID :	19011404	Sample Matrix:	Soil
Client Sample ID:	B-3-N-4-1	Date Collected:	01/11/2019
Job Sample ID:	19011404.04	Time Collected:	10:00
Other Information:			

Test Method	Parameter	Result	Units	DF	RL	MDL	Q	Date/Time Analyzed	Analyst
SM2540b	**% Moisture**								
	% Moisture	23.0	%	1				01/16/2019 11:17	HDM
SW-846 8260B	**Volatile Organic Compounds-Soil**								
	Benzene	BDL	mg/kg dw	2.14	0.0140	0.00131		01/16/2019 18:28	HDM
	Ethylbenzene	BDL	mg/kg dw	2.14	0.0140	0.000440		01/16/2019 18:28	HDM
	Toluene	BDL	mg/kg dw	2.14	0.0140	0.00280		01/16/2019 18:28	HDM
	xylene-o	BDL	mg/kg dw	2.14	0.0140	0.00139		01/16/2019 18:28	HDM
	xylenes (m&P)	BDL	mg/kg dw	2.14	0.0280	0.00200		01/16/2019 18:28	HDM
	Dibromofluoromethane(surr)	108.0	%	2.14	61.2-143			01/16/2019 18:28	HDM
	p-Bromofluorobenzene(surr)	85.0	%	2.14	69.4-143			01/16/2019 18:28	HDM
	Toluene-d8(surr)	97.2	%	2.14	62.3-146			01/16/2019 18:28	HDM
SW-846 8270D	**Semivolatile Organic Compounds - Soils**								
	1-Methylnaphthalene	0.999	mg/kg dw	4.96	0.537	0.431		01/21/2019 17:45	RPG
	2-Methylnaphthalene	1.14	mg/kg dw	4.96	0.537	0.453		01/21/2019 17:45	RPG
	Acenaphthene	BDL	mg/kg dw	4.96	0.537	0.0741		01/21/2019 17:45	RPG
	Acenaphthylene	0.0949	mg/kg dw	4.96	0.537	0.0844		01/21/2019 17:45	RPG
	Anthracene	BDL	mg/kg dw	4.96	0.537	0.0735		01/21/2019 17:45	RPG
	Benzo(a)anthracene	0.480	mg/kg dw	4.96	0.537	0.190	J	01/21/2019 17:45	RPG
	Benzo(a)pyrene	0.407	mg/kg dw	4.96	0.537	0.0561	J	01/21/2019 17:45	RPG
	Benzo(b)fluoranthene	0.854	mg/kg dw	4.96	0.537	0.0516		01/21/2019 17:45	RPG
	Benzo(g,h,i)perylene	0.376	mg/kg dw	4.96	0.537	0.131	J	01/21/2019 17:45	RPG
	Benzo(k)fluoranthene	0.417	mg/kg dw	4.96	0.537	0.104	J	01/21/2019 17:45	RPG
	Chrysene	0.585	mg/kg dw	4.96	0.537	0.0735	J	01/21/2019 17:45	RPG
	Dibenzo(a,h)anthracene	BDL	mg/kg dw	4.96	0.537	0.105		01/21/2019 17:45	RPG
	Fluoranthene	0.565	mg/kg dw	4.96	0.537	0.341	J	01/21/2019 17:45	RPG
	Fluorene	BDL	mg/kg dw	4.96	0.537	0.345		01/21/2019 17:45	RPG
	Indeno(1,2,3-cd)pyrene	0.256	mg/kg dw	4.96	0.537	0.0890	J	01/21/2019 17:45	RPG
	Naphthalene	0.707	mg/kg dw	4.96	0.537	0.0773		01/21/2019 17:45	RPG
	Phenanthrene	1.00	mg/kg dw	4.96	0.537	0.104		01/21/2019 17:45	RPG
	Pyrene	0.630	mg/kg dw	4.96	0.537	0.280	J	01/21/2019 17:45	RPG
	2,4,6-Tribromophenol(surr)	40.4	%	4.96	49.3-138		S	01/21/2019 17:45	RPG
	2-Fluorobiphenyl(surr)	47.9	%	4.96	41.4-111			01/21/2019 17:45	RPG

Date: 01/22/2019 15:54

CLIENT SAMPLE RESULTS

Job ID : 19011404

Avery Laboratories & Environmental Services, LLC

2720 Gregory St. Unit 200 Savannah, Georgia 31404 Tel: (912) 944-3748 Fax: (912) 234-9294

Client Name:	Terracon	Attn:	Justin Johnson
Project ID:	Seaboard Station Apartments	Date:	01/22/2019

Job ID :	19011404	Sample Matrix:	Soil
Client Sample ID:	B-3-N-4-1	Date Collected:	01/11/2019
Job Sample ID:	19011404.04	Time Collected:	10:00
Other Information:			

Test Method	Parameter	Result	Units	DF	RL	MDL	Q	Date/Time Analyzed	Analyst
SW-846 8270D	**Semivolatile Organic Compounds - Soils**								
	2-Fluorophenol(surr)	37.8	%	4.96	37.1-101			01/21/2019 17:45	RPG
	Nitrobenzene-d5(surr)	37.8	%	4.96	35.2-104			01/21/2019 17:45	RPG
	Phenol-d5(surr)	35.1	%	4.96	36.1-96.7		S	01/21/2019 17:45	RPG
	p-Terphenyl-d14(surr)	49.5	%	4.96	54.9-118		S	01/21/2019 17:45	RPG

CLIENT SAMPLE RESULTS

Job ID : 19011404

Avery Laboratories & Environmental Services, LLC

2720 Gregory St. Unit 200 Savannah, Georgia 31404 Tel: (912) 944-3748 Fax: (912) 234-9294

Client Name:	Terracon	Attn:	Justin Johnson
Project ID:	Seaboard Station Apartments	Date:	01/22/2019

Job ID :	19011404	Sample Matrix:	Soil
Client Sample ID:	B-3-N-2-1	Date Collected:	01/11/2019
Job Sample ID:	19011404.05	Time Collected:	13:25
Other Information:			

Test Method	Parameter	Result	Units	DF	RL	MDL	Q	Date/Time Analyzed	Analyst
SM2540b	**% Moisture**								
	% Moisture	15.5	%	1				01/16/2019 11:17	HDM
SW-846 8260B	**Volatile Organic Compounds-Soil**								
	Benzene	0.000764	mg/kg dw	1.01	0.00600	0.000560	J	01/18/2019 23:56	HDM
	Ethylbenzene	0.000370	mg/kg dw	1.01	0.00600	0.000190	J	01/18/2019 23:56	HDM
	Toluene	BDL	mg/kg dw	1.01	0.00600	0.00120		01/18/2019 23:56	HDM
	xylene-o	BDL	mg/kg dw	1.01	0.00600	0.000600		01/18/2019 23:56	HDM
	xylenes (m&P)	BDL	mg/kg dw	1.01	0.0120	0.000860		01/18/2019 23:56	HDM
	Dibromofluoromethane(surr)	108	%	1.01	61.2-143			01/18/2019 23:56	HDM
	p-Bromofluorobenzene(surr)	97.4	%	1.01	69.4-143			01/18/2019 23:56	HDM
	Toluene-d8(surr)	103	%	1.01	62.3-146			01/18/2019 23:56	HDM
SW-846 8270D	**Semivolatile Organic Compounds - Soils**								
	1-Methylnaphthalene	0.755	mg/kg dw	4.96	0.489	0.393		01/21/2019 18:12	RPG
	2-Methylnaphthalene	0.857	mg/kg dw	4.96	0.489	0.413		01/21/2019 18:12	RPG
	Acenaphthene	BDL	mg/kg dw	4.96	0.489	0.0675		01/21/2019 18:12	RPG
	Acenaphthylene	BDL	mg/kg dw	4.96	0.489	0.0769		01/21/2019 18:12	RPG
	Anthracene	BDL	mg/kg dw	4.96	0.489	0.0669		01/21/2019 18:12	RPG
	Benzo(a)anthracene	0.251	mg/kg dw	4.96	0.489	0.173	J	01/21/2019 18:12	RPG
	Benzo(a)pyrene	0.188	mg/kg dw	4.96	0.489	0.0511	J	01/21/2019 18:12	RPG
	Benzo(b)fluoranthene	0.350	mg/kg dw	4.96	0.489	0.0470	J	01/21/2019 18:12	RPG
	Benzo(g,h,i)perylene	0.182	mg/kg dw	4.96	0.489	0.119	J	01/21/2019 18:12	RPG
	Benzo(k)fluoranthene	0.182	mg/kg dw	4.96	0.489	0.0945	J	01/21/2019 18:12	RPG
	Chrysene	0.335	mg/kg dw	4.96	0.489	0.0669	J	01/21/2019 18:12	RPG
	Dibenzo(a,h)anthracene	BDL	mg/kg dw	4.96	0.489	0.0957		01/21/2019 18:12	RPG
	Fluoranthene	0.350	mg/kg dw	4.96	0.489	0.310		01/21/2019 18:12	RPG
	Fluorene	BDL	mg/kg dw	4.96	0.489	0.314		01/21/2019 18:12	RPG
	Indeno(1,2,3-cd)pyrene	0.120	mg/kg dw	4.96	0.489	0.0810	J	01/21/2019 18:12	RPG
	Naphthalene	0.620	mg/kg dw	4.96	0.489	0.0704		01/21/2019 18:12	RPG
	Phenanthrene	0.679	mg/kg dw	4.96	0.489	0.0945		01/21/2019 18:12	RPG
	Pyrene	0.335	mg/kg dw	4.96	0.489	0.255	J	01/21/2019 18:12	RPG
	2,4,6-Tribromophenol(surr)	64.8	%	4.96	49.3-138			01/21/2019 18:12	RPG
	2-Fluorobiphenyl(surr)	61.1	%	4.96	41.4-111			01/21/2019 18:12	RPG

Date: 01/22/2019 15:54

CLIENT SAMPLE RESULTS

Job ID : 19011404

Avery Laboratories & Environmental Services, LLC

2720 Gregory St. Unit 200 Savannah, Georgia 31404 Tel: (912) 944-3748 Fax: (912) 234-9294

Client Name:	Terracon	Attn:	Justin Johnson
Project ID:	Seaboard Station Apartments	Date:	01/22/2019

Job ID :	19011404	Sample Matrix:	Soil
Client Sample ID:	B-3-N-2-1	Date Collected:	01/11/2019
Job Sample ID:	19011404.05	Time Collected:	13:25
Other Information:			

Test Method	Parameter	Result	Units	DF	RL	MDL	Q	Date/Time Analyzed	Analyst
SW-846 8270D	**Semivolatile Organic Compounds - Soils**								
	2-Fluorophenol(surr)	50.9	%	4.96	37.1-101			01/21/2019 18:12	RPG
	Nitrobenzene-d5(surr)	49.2	%	4.96	35.2-104			01/21/2019 18:12	RPG
	Phenol-d5(surr)	42.7	%	4.96	36.1-96.7			01/21/2019 18:12	RPG
	p-Terphenyl-d14(surr)	58.6	%	4.96	54.9-118			01/21/2019 18:12	RPG

CLIENT SAMPLE RESULTS

Job ID : 19011404

Avery Laboratories & Environmental Services, LLC

2720 Gregory St. Unit 200 Savannah, Georgia 31404 Tel: (912) 944-3748 Fax: (912) 234-9294

Client Name:	Terracon	Attn:	Justin Johnson
Project ID:	Seaboard Station Apartments	Date:	01/22/2019

Job ID :	19011404	Sample Matrix:	Soil
Client Sample ID:	B-3-N-2-2	Date Collected:	01/11/2019
Job Sample ID:	19011404.06	Time Collected:	13:30
Other Information:			

Test Method	Parameter	Result	Units	DF	RL	MDL	Q	Date/Time Analyzed	Analyst
SM2540b	**% Moisture**								
	% Moisture	21.4	%	1				01/16/2019 11:17	HDM
SW-846 8260B	**Volatile Organic Compounds-Soil**								
	Benzene	0.0509	mg/kg dw	0.862	0.00500	0.000520		01/16/2019 19:17	HDM
	Ethylbenzene	0.00229	mg/kg dw	0.862	0.00500	0.000180	J	01/16/2019 19:17	HDM
	Toluene	0.00713	mg/kg dw	0.862	0.00500	0.00110		01/16/2019 19:17	HDM
	xylene-o	0.000834	mg/kg dw	0.862	0.00500	0.000550	J	01/16/2019 19:17	HDM
	xylenes (m&P)	0.00122	mg/kg dw	0.862	0.0110	0.000790	J	01/16/2019 19:17	HDM
	Dibromofluoromethane(surr)	116.0	%	0.862	61.2-143			01/16/2019 19:17	HDM
	p-Bromofluorobenzene(surr)	92.8	%	0.862	69.4-143			01/16/2019 19:17	HDM
	Toluene-d8(surr)	104.0	%	0.862	62.3-146			01/16/2019 19:17	HDM
SW-846 8270D	**Semivolatile Organic Compounds - Soils**								
	1-Methylnaphthalene	0.405	mg/kg dw	0.996	0.106	0.0848		01/21/2019 18:39	RPG
	2-Methylnaphthalene	0.508	mg/kg dw	0.996	0.106	0.0891		01/21/2019 18:39	RPG
	Acenaphthene	BDL	mg/kg dw	0.996	0.106	0.0146		01/21/2019 18:39	RPG
	Acenaphthylene	BDL	mg/kg dw	0.996	0.106	0.0166		01/21/2019 18:39	RPG
	Anthracene	0.0204	mg/kg dw	0.996	0.106	0.0144	J	01/21/2019 18:39	RPG
	Benzo(a)anthracene	0.154	mg/kg dw	0.996	0.106	0.0373		01/21/2019 18:39	RPG
	Benzo(a)pyrene	0.157	mg/kg dw	0.996	0.106	0.0110		01/21/2019 18:39	RPG
	Benzo(b)fluoranthene	0.295	mg/kg dw	0.996	0.106	0.0101		01/21/2019 18:39	RPG
	Benzo(g,h,i)perylene	0.178	mg/kg dw	0.996	0.106	0.0257		01/21/2019 18:39	RPG
	Benzo(k)fluoranthene	0.126	mg/kg dw	0.996	0.106	0.0204		01/21/2019 18:39	RPG
	Chrysene	0.224	mg/kg dw	0.996	0.106	0.0144		01/21/2019 18:39	RPG
	Dibenzo(a,h)anthracene	0.0331	mg/kg dw	0.996	0.106	0.0207	J	01/21/2019 18:39	RPG
	Fluoranthene	0.360	mg/kg dw	0.996	0.106	0.0671		01/21/2019 18:39	RPG
	Fluorene	BDL	mg/kg dw	0.996	0.106	0.0678		01/21/2019 18:39	RPG
	Indeno(1,2,3-cd)pyrene	0.134	mg/kg dw	0.996	0.106	0.0175		01/21/2019 18:39	RPG
	Naphthalene	0.328	mg/kg dw	0.996	0.106	0.0152		01/21/2019 18:39	RPG
	Phenanthrene	0.368	mg/kg dw	0.996	0.106	0.0204		01/21/2019 18:39	RPG
	Pyrene	0.322	mg/kg dw	0.996	0.106	0.0551		01/21/2019 18:39	RPG
	2,4,6-Tribromophenol(surr)	73.0	%	0.996	49.3-138			01/21/2019 18:39	RPG
	2-Fluorobiphenyl(surr)	65.9	%	0.996	41.4-111			01/21/2019 18:39	RPG

Date: 01/22/2019 15:54

CLIENT SAMPLE RESULTS

Job ID : 19011404

Avery Laboratories & Environmental Services, LLC

2720 Gregory St. Unit 200 Savannah, Georgia 31404 Tel: (912) 944-3748 Fax: (912) 234-9294

Client Name:	Terracon	Attn:	Justin Johnson
Project ID:	Seaboard Station Apartments	Date:	01/22/2019

Job ID :	19011404	Sample Matrix:	Soil
Client Sample ID:	B-3-N-2-2	Date Collected:	01/11/2019
Job Sample ID:	19011404.06	Time Collected:	13:30
Other Information:			

Test Method	Parameter	Result	Units	DF	RL	MDL	Q	Date/Time Analyzed	Analyst
SW-846 8270D	**Semivolatile Organic Compounds - Soils**								
	2-Fluorophenol(surr)	59.9	%	0.996	37.1-101			01/21/2019 18:39	RPG
	Nitrobenzene-d5(surr)	56.4	%	0.996	35.2-104			01/21/2019 18:39	RPG
	Phenol-d5(surr)	53.6	%	0.996	36.1-96.7			01/21/2019 18:39	RPG
	p-Terphenyl-d14(surr)	73.2	%	0.996	54.9-118			01/21/2019 18:39	RPG

CLIENT SAMPLE RESULTS

Job ID : 19011404

Avery Laboratories & Environmental Services, LLC

2720 Gregory St. Unit 200 Savannah, Georgia 31404 Tel: (912) 944-3748 Fax: (912) 234-9294

Client Name:	Terracon	Attn:	Justin Johnson
Project ID:	Seaboard Station Apartments	Date:	01/22/2019

Job ID :	19011404	Sample Matrix:	Soil
Client Sample ID:	B-3-E-4-1	Date Collected:	01/11/2019
Job Sample ID:	19011404.07	Time Collected:	13:50
Other Information:			

Test Method	Parameter	Result	Units	DF	RL	MDL	Q	Date/Time Analyzed	Analyst
SM2540b	**% Moisture**								
	% Moisture	14.8	%	1				01/16/2019 11:17	HDM
SW-846 8260B	**Volatile Organic Compounds-Soil**								
	Benzene	BDL	mg/kg dw	1.84	0.0110	0.00102		01/16/2019 19:42	HDM
	Ethylbenzene	0.000497	mg/kg dw	1.84	0.0110	0.000350	J	01/16/2019 19:42	HDM
	Toluene	BDL	mg/kg dw	1.84	0.0110	0.00220		01/16/2019 19:42	HDM
	xylene-o	BDL	mg/kg dw	1.84	0.0110	0.00108		01/16/2019 19:42	HDM
	xylenes (m&P)	BDL	mg/kg dw	1.84	0.0220	0.00156		01/16/2019 19:42	HDM
	Dibromofluoromethane(surr)	118.0	%	1.84	61.2-143			01/16/2019 19:42	HDM
	p-Bromofluorobenzene(surr)	69.6	%	1.84	69.4-143			01/16/2019 19:42	HDM
	Toluene-d8(surr)	87.0	%	1.84	62.3-146			01/16/2019 19:42	HDM
SW-846 8270D	**Semivolatile Organic Compounds - Soils**								
	1-Methylnaphthalene	4.57	mg/kg dw	4.98	0.487	0.391		01/21/2019 19:06	RPG
	2-Methylnaphthalene	5.79	mg/kg dw	4.98	0.487	0.411		01/21/2019 19:06	RPG
	Acenaphthene	BDL	mg/kg dw	4.98	0.487	0.0672		01/21/2019 19:06	RPG
	Acenaphthylene	0.113	mg/kg dw	4.98	0.487	0.0766	J	01/21/2019 19:06	RPG
	Anthracene	0.136	mg/kg dw	4.98	0.487	0.0666	J	01/21/2019 19:06	RPG
	Benzo(a)anthracene	0.825	mg/kg dw	4.98	0.487	0.172		01/21/2019 19:06	RPG
	Benzo(a)pyrene	0.566	mg/kg dw	4.98	0.487	0.0509		01/21/2019 19:06	RPG
	Benzo(b)fluoranthene	1.00	mg/kg dw	4.98	0.487	0.0468		01/21/2019 19:06	RPG
	Benzo(g,h,i)perylene	0.463	mg/kg dw	4.98	0.487	0.119	J	01/21/2019 19:06	RPG
	Benzo(k)fluoranthene	0.396	mg/kg dw	4.98	0.487	0.0941	J	01/21/2019 19:06	RPG
	Chrysene	1.17	mg/kg dw	4.98	0.487	0.0666		01/21/2019 19:06	RPG
	Dibenzo(a,h)anthracene	BDL	mg/kg dw	4.98	0.487	0.0953		01/21/2019 19:06	RPG
	Fluoranthene	1.64	mg/kg dw	4.98	0.487	0.309		01/21/2019 19:06	RPG
	Fluorene	BDL	mg/kg dw	4.98	0.487	0.313		01/21/2019 19:06	RPG
	Indeno(1,2,3-cd)pyrene	0.301	mg/kg dw	4.98	0.487	0.0807	J	01/21/2019 19:06	RPG
	Naphthalene	4.24	mg/kg dw	4.98	0.487	0.0702		01/21/2019 19:06	RPG
	Phenanthrene	3.93	mg/kg dw	4.98	0.487	0.0941		01/21/2019 19:06	RPG
	Pyrene	1.50	mg/kg dw	4.98	0.487	0.254		01/21/2019 19:06	RPG
	2,4,6-Tribromophenol(surr)	58.1	%	4.98	49.3-138			01/21/2019 19:06	RPG
	2-Fluorobiphenyl(surr)	60.1	%	4.98	41.4-111			01/21/2019 19:06	RPG

Date: 01/22/2019 15:54

CLIENT SAMPLE RESULTS

Job ID : 19011404

Avery Laboratories & Environmental Services, LLC

2720 Gregory St. Unit 200 Savannah, Georgia 31404 Tel: (912) 944-3748 Fax: (912) 234-9294

Client Name:	Terracon	Attn:	Justin Johnson
Project ID:	Seaboard Station Apartments	Date:	01/22/2019

Job ID :	19011404	Sample Matrix:	Soil
Client Sample ID:	B-3-E-4-1	Date Collected:	01/11/2019
Job Sample ID:	19011404.07	Time Collected:	13:50
Other Information:			

Test Method	Parameter	Result	Units	DF	RL	MDL	Q	Date/Time Analyzed	Analyst
SW-846 8270D	**Semivolatile Organic Compounds - Soils**								
	2-Fluorophenol(surr)	50.6	%	4.98	37.1-101			01/21/2019 19:06	RPG
	Nitrobenzene-d5(surr)	54.7	%	4.98	35.2-104			01/21/2019 19:06	RPG
	Phenol-d5(surr)	45.7	%	4.98	36.1-96.7			01/21/2019 19:06	RPG
	p-Terphenyl-d14(surr)	62.6	%	4.98	54.9-118			01/21/2019 19:06	RPG

CLIENT SAMPLE RESULTS

Job ID : 19011404

Avery Laboratories & Environmental Services, LLC

2720 Gregory St. Unit 200 Savannah, Georgia 31404 Tel: (912) 944-3748 Fax: (912) 234-9294

Client Name:	Terracon	Attn:	Justin Johnson
Project ID:	Seaboard Station Apartments	Date:	01/22/2019

Job ID :	19011404	Sample Matrix:	Soil
Client Sample ID:	B-3-E-4-2	Date Collected:	01/11/2019
Job Sample ID:	19011404.08	Time Collected:	13:55
Other Information:			

Test Method	Parameter	Result	Units	DF	RL	MDL	Q	Date/Time Analyzed	Analyst
SM2540b	**% Moisture**								
	% Moisture	19.1	%	1				01/16/2019 11:17	HDM
SW-846 8260B	**Volatile Organic Compounds-Soil**								
	Benzene	BDL	mg/kg dw	1.28	0.00800	0.000740		01/15/2019 20:48	RPG
	Ethylbenzene	BDL	mg/kg dw	1.28	0.00800	0.000250		01/15/2019 20:48	RPG
	Toluene	BDL	mg/kg dw	1.28	0.00800	0.00160		01/15/2019 20:48	RPG
	xylene-o	BDL	mg/kg dw	1.28	0.00800	0.000790		01/15/2019 20:48	RPG
	xylenes (m&P)	BDL	mg/kg dw	1.28	0.0160	0.00114		01/15/2019 20:48	RPG
	Dibromofluoromethane(surr)	130.0	%	1.28	61.2-143			01/15/2019 20:48	RPG
	p-Bromofluorobenzene(surr)	64.1	%	1.28	69.4-143		S	01/15/2019 20:48	RPG
	Toluene-d8(surr)	90.6	%	1.28	62.3-146			01/15/2019 20:48	RPG
SW-846 8270D	**Semivolatile Organic Compounds - Soils**								
	1-Methylnaphthalene	0.596	mg/kg dw	0.996	0.103	0.0824		01/21/2019 19:33	RPG
	2-Methylnaphthalene	0.679	mg/kg dw	0.996	0.103	0.0866		01/21/2019 19:33	RPG
	Acenaphthene	BDL	mg/kg dw	0.996	0.103	0.0142		01/21/2019 19:33	RPG
	Acenaphthylene	0.0210	mg/kg dw	0.996	0.103	0.0161	J	01/21/2019 19:33	RPG
	Anthracene	0.0272	mg/kg dw	0.996	0.103	0.0140	J	01/21/2019 19:33	RPG
	Benzo(a)anthracene	0.141	mg/kg dw	0.996	0.103	0.0362		01/21/2019 19:33	RPG
	Benzo(a)pyrene	0.121	mg/kg dw	0.996	0.103	0.0107		01/21/2019 19:33	RPG
	Benzo(b)fluoranthene	0.214	mg/kg dw	0.996	0.103	0.00990		01/21/2019 19:33	RPG
	Benzo(g,h,i)perylene	0.120	mg/kg dw	0.996	0.103	0.0250		01/21/2019 19:33	RPG
	Benzo(k)fluoranthene	0.0717	mg/kg dw	0.996	0.103	0.0198	J	01/21/2019 19:33	RPG
	Chrysene	0.299	mg/kg dw	0.996	0.103	0.0140		01/21/2019 19:33	RPG
	Dibenzo(a,h)anthracene	0.0346	mg/kg dw	0.996	0.103	0.0201	J	01/21/2019 19:33	RPG
	Fluoranthene	0.245	mg/kg dw	0.996	0.103	0.0651		01/21/2019 19:33	RPG
	Fluorene	BDL	mg/kg dw	0.996	0.103	0.0659		01/21/2019 19:33	RPG
	Indeno(1,2,3-cd)pyrene	0.0705	mg/kg dw	0.996	0.103	0.0170	J	01/21/2019 19:33	RPG
	Naphthalene	0.448	mg/kg dw	0.996	0.103	0.0148		01/21/2019 19:33	RPG
	Phenanthrene	0.645	mg/kg dw	0.996	0.103	0.0198		01/21/2019 19:33	RPG
	Pyrene	0.252	mg/kg dw	0.996	0.103	0.0536		01/21/2019 19:33	RPG
	2,4,6-Tribromophenol(surr)	26.3	%	0.996	49.3-138		S	01/21/2019 19:33	RPG
	2-Fluorobiphenyl(surr)	40.5	%	0.996	41.4-111		S	01/21/2019 19:33	RPG

Date: 01/22/2019 15:54

CLIENT SAMPLE RESULTS

Job ID : 19011404

Avery Laboratories & Environmental Services, LLC

2720 Gregory St. Unit 200 Savannah, Georgia 31404 Tel: (912) 944-3748 Fax: (912) 234-9294

Client Name:	Terracon	Attn:	Justin Johnson
Project ID:	Seaboard Station Apartments	Date:	01/22/2019

Job ID :	19011404	Sample Matrix:	Soil
Client Sample ID:	B-3-E-4-2	Date Collected:	01/11/2019
Job Sample ID:	19011404.08	Time Collected:	13:55
Other Information:			

Test Method	Parameter	Result	Units	DF	RL	MDL	Q	Date/Time Analyzed	Analyst
SW-846 8270D	**Semivolatile Organic Compounds - Soils**								
	2-Fluorophenol(surr)	34.9	%	0.996	37.1-101		S	01/21/2019 19:33	RPG
	Nitrobenzene-d5(surr)	33.0	%	0.996	35.2-104		S	01/21/2019 19:33	RPG
	Phenol-d5(surr)	32.2	%	0.996	36.1-96.7		S	01/21/2019 19:33	RPG
	p-Terphenyl-d14(surr)	42.9	%	0.996	54.9-118		S	01/21/2019 19:33	RPG

CLIENT SAMPLE RESULTS

Job ID : 19011404

Avery Laboratories & Environmental Services, LLC

2720 Gregory St. Unit 200 Savannah, Georgia 31404 Tel: (912) 944-3748 Fax: (912) 234-9294

Client Name:	Terracon	Attn:	Justin Johnson
Project ID:	Seaboard Station Apartments	Date:	01/22/2019

Job ID :	19011404	Sample Matrix:	Soil
Client Sample ID:	B-3-S-6-1	Date Collected:	01/11/2019
Job Sample ID:	19011404.09	Time Collected:	15:10
Other Information:			

Test Method	Parameter	Result	Units	DF	RL	MDL	Q	Date/Time Analyzed	Analyst
SM2540b	**% Moisture**								
	% Moisture	22.6	%	1				01/16/2019 11:17	HDM
SW-846 8260B	**Volatile Organic Compounds-Soil**								
	Benzene	0.00349	mg/kg dw	1.04	0.00700	0.000630	J	01/15/2019 21:13	RPG
	Ethylbenzene	0.000335	mg/kg dw	1.04	0.00700	0.000220	J	01/15/2019 21:13	RPG
	Toluene	0.00194	mg/kg dw	1.04	0.00700	0.00130	J	01/15/2019 21:13	RPG
	xylene-o	BDL	mg/kg dw	1.04	0.00700	0.000670		01/15/2019 21:13	RPG
	xylenes (m&P)	BDL	mg/kg dw	1.04	0.0130	0.000970		01/15/2019 21:13	RPG
	Dibromofluoromethane(surr)	113.0	%	1.04	61.2-143			01/15/2019 21:13	RPG
	p-Bromofluorobenzene(surr)	71.2	%	1.04	69.4-143			01/15/2019 21:13	RPG
	Toluene-d8(surr)	92.3	%	1.04	62.3-146			01/15/2019 21:13	RPG
SW-846 8270D	**Semivolatile Organic Compounds - Soils**								
	1-Methylnaphthalene	BDL	mg/kg dw	0.995	0.107	0.0860		01/21/2019 20:00	RPG
	2-Methylnaphthalene	BDL	mg/kg dw	0.995	0.107	0.0904		01/21/2019 20:00	RPG
	Acenaphthene	BDL	mg/kg dw	0.995	0.107	0.0148		01/21/2019 20:00	RPG
	Acenaphthylene	BDL	mg/kg dw	0.995	0.107	0.0168		01/21/2019 20:00	RPG
	Anthracene	BDL	mg/kg dw	0.995	0.107	0.0147		01/21/2019 20:00	RPG
	Benzo(a)anthracene	0.0594	mg/kg dw	0.995	0.107	0.0378	J	01/21/2019 20:00	RPG
	Benzo(a)pyrene	0.0517	mg/kg dw	0.995	0.107	0.0112	J	01/21/2019 20:00	RPG
	Benzo(b)fluoranthene	0.136	mg/kg dw	0.995	0.107	0.0103		01/21/2019 20:00	RPG
	Benzo(g,h,i)perylene	0.0556	mg/kg dw	0.995	0.107	0.0261	J	01/21/2019 20:00	RPG
	Benzo(k)fluoranthene	0.0452	mg/kg dw	0.995	0.107	0.0207	J	01/21/2019 20:00	RPG
	Chrysene	0.107	mg/kg dw	0.995	0.107	0.0147	J	01/21/2019 20:00	RPG
	Dibenzo(a,h)anthracene	BDL	mg/kg dw	0.995	0.107	0.0210		01/21/2019 20:00	RPG
	Fluoranthene	0.0969	mg/kg dw	0.995	0.107	0.0680	J	01/21/2019 20:00	RPG
	Fluorene	BDL	mg/kg dw	0.995	0.107	0.0688		01/21/2019 20:00	RPG
	Indeno(1,2,3-cd)pyrene	0.0452	mg/kg dw	0.995	0.107	0.0177	J	01/21/2019 20:00	RPG
	Naphthalene	0.0491	mg/kg dw	0.995	0.107	0.0154	J	01/21/2019 20:00	RPG
	Phenanthrene	0.115	mg/kg dw	0.995	0.107	0.0207		01/21/2019 20:00	RPG
	Pyrene	0.0788	mg/kg dw	0.995	0.107	0.0559	J	01/21/2019 20:00	RPG
	2,4,6-Tribromophenol(surr)	65.5	%	0.995	49.3-138			01/21/2019 20:00	RPG
	2-Fluorobiphenyl(surr)	70.9	%	0.995	41.4-111			01/21/2019 20:00	RPG

Date: 01/22/2019 15:54

CLIENT SAMPLE RESULTS

Job ID : 19011404

Avery Laboratories & Environmental Services, LLC

2720 Gregory St. Unit 200 Savannah, Georgia 31404 Tel: (912) 944-3748 Fax: (912) 234-9294

Client Name:	Terracon	Attn:	Justin Johnson
Project ID:	Seaboard Station Apartments	Date:	01/22/2019

Job ID :	19011404	Sample Matrix:	Soil
Client Sample ID:	B-3-S-6-1	Date Collected:	01/11/2019
Job Sample ID:	19011404.09	Time Collected:	15:10
Other Information:			

Test Method	Parameter	Result	Units	DF	RL	MDL	Q	Date/Time Analyzed	Analyst
SW-846 8270D	**Semivolatile Organic Compounds - Soils**								
	2-Fluorophenol(surr)	59.6	%	0.995	37.1-101			01/21/2019 20:00	RPG
	Nitrobenzene-d5(surr)	57.0	%	0.995	35.2-104			01/21/2019 20:00	RPG
	Phenol-d5(surr)	52.1	%	0.995	36.1-96.7			01/21/2019 20:00	RPG
	p-Terphenyl-d14(surr)	69.8	%	0.995	54.9-118			01/21/2019 20:00	RPG

CLIENT SAMPLE RESULTS

Job ID : 19011404

Avery Laboratories & Environmental Services, LLC

2720 Gregory St. Unit 200 Savannah, Georgia 31404 Tel: (912) 944-3748 Fax: (912) 234-9294

Client Name:	Terracon	Attn:	Justin Johnson
Project ID:	Seaboard Station Apartments	Date:	01/22/2019

Job ID :	19011404	Sample Matrix:	Soil
Client Sample ID:	B-3-S-6-2	Date Collected:	01/11/2019
Job Sample ID:	19011404.10	Time Collected:	15:15
Other Information:			

Test Method	Parameter	Result	Units	DF	RL	MDL	Q	Date/Time Analyzed	Analyst
SM2540b	**% Moisture**								
	% Moisture	15.6	%	1				01/16/2019 11:17	HDM
SW-846 8260B	**Volatile Organic Compounds-Soil**								
	Benzene	BDL	mg/kg dw	1.39	0.00800	0.000770		01/15/2019 21:38	RPG
	Ethylbenzene	BDL	mg/kg dw	1.39	0.00800	0.000260		01/15/2019 21:38	RPG
	Toluene	BDL	mg/kg dw	1.39	0.00800	0.00160		01/15/2019 21:38	RPG
	xylene-o	BDL	mg/kg dw	1.39	0.00800	0.000820		01/15/2019 21:38	RPG
	xylenes (m&P)	BDL	mg/kg dw	1.39	0.0160	0.00119		01/15/2019 21:38	RPG
	Dibromofluoromethane(surr)	89.2	%	1.39	61.2-143			01/15/2019 21:38	RPG
	p-Bromofluorobenzene(surr)	80.6	%	1.39	69.4-143			01/15/2019 21:38	RPG
	Toluene-d8(surr)	83.5	%	1.39	62.3-146			01/15/2019 21:38	RPG
SW-846 8270D	**Semivolatile Organic Compounds - Soils**								
	1-Methylnaphthalene	BDL	mg/kg dw	0.991	0.0979	0.0786		01/21/2019 20:27	RPG
	2-Methylnaphthalene	BDL	mg/kg dw	0.991	0.0979	0.0826		01/21/2019 20:27	RPG
	Acenaphthene	BDL	mg/kg dw	0.991	0.0979	0.0135		01/21/2019 20:27	RPG
	Acenaphthylene	BDL	mg/kg dw	0.991	0.0979	0.0154		01/21/2019 20:27	RPG
	Anthracene	BDL	mg/kg dw	0.991	0.0979	0.0134		01/21/2019 20:27	RPG
	Benzo(a)anthracene	BDL	mg/kg dw	0.991	0.0979	0.0345		01/21/2019 20:27	RPG
	Benzo(a)pyrene	BDL	mg/kg dw	0.991	0.0979	0.0102		01/21/2019 20:27	RPG
	Benzo(b)fluoranthene	0.0178	mg/kg dw	0.991	0.0979	0.00940	J	01/21/2019 20:27	RPG
	Benzo(g,h,i)perylene	BDL	mg/kg dw	0.991	0.0979	0.0238		01/21/2019 20:27	RPG
	Benzo(k)fluoranthene	BDL	mg/kg dw	0.991	0.0979	0.0189		01/21/2019 20:27	RPG
	Chrysene	BDL	mg/kg dw	0.991	0.0979	0.0134		01/21/2019 20:27	RPG
	Dibenzo(a,h)anthracene	BDL	mg/kg dw	0.991	0.0979	0.0191		01/21/2019 20:27	RPG
	Fluoranthene	BDL	mg/kg dw	0.991	0.0979	0.0621		01/21/2019 20:27	RPG
	Fluorene	BDL	mg/kg dw	0.991	0.0979	0.0628		01/21/2019 20:27	RPG
	Indeno(1,2,3-cd)pyrene	BDL	mg/kg dw	0.991	0.0979	0.0162		01/21/2019 20:27	RPG
	Naphthalene	BDL	mg/kg dw	0.991	0.0979	0.0141		01/21/2019 20:27	RPG
	Phenanthrene	BDL	mg/kg dw	0.991	0.0979	0.0189		01/21/2019 20:27	RPG
	Pyrene	BDL	mg/kg dw	0.991	0.0979	0.0511		01/21/2019 20:27	RPG
	2,4,6-Tribromophenol(surr)	67.0	%	0.991	49.3-138			01/21/2019 20:27	RPG
	2-Fluorobiphenyl(surr)	66.7	%	0.991	41.4-111			01/21/2019 20:27	RPG

Date: 01/22/2019 15:54

CLIENT SAMPLE RESULTS

Job ID : 19011404

Avery Laboratories & Environmental Services, LLC

2720 Gregory St. Unit 200 Savannah, Georgia 31404 Tel: (912) 944-3748 Fax: (912) 234-9294

Client Name:	Terracon	Attn:	Justin Johnson
Project ID:	Seaboard Station Apartments	Date:	01/22/2019

Job ID :	19011404	Sample Matrix:	Soil
Client Sample ID:	B-3-S-6-2	Date Collected:	01/11/2019
Job Sample ID:	19011404.10	Time Collected:	15:15
Other Information:			

Test Method	Parameter	Result	Units	DF	RL	MDL	Q	Date/Time Analyzed	Analyst
SW-846 8270D	**Semivolatile Organic Compounds - Soils**								
	2-Fluorophenol(surr)	60.7	%	0.991	37.1-101			01/21/2019 20:27	RPG
	Nitrobenzene-d5(surr)	56.3	%	0.991	35.2-104			01/21/2019 20:27	RPG
	Phenol-d5(surr)	53.6	%	0.991	36.1-96.7			01/21/2019 20:27	RPG
	p-Terphenyl-d14(surr)	72.1	%	0.991	54.9-118			01/21/2019 20:27	RPG

CLIENT SAMPLE RESULTS

Job ID : 19011404

Avery Laboratories & Environmental Services, LLC

2720 Gregory St. Unit 200 Savannah, Georgia 31404 Tel: (912) 944-3748 Fax: (912) 234-9294

Client Name:	Terracon	Attn:	Justin Johnson
Project ID:	Seaboard Station Apartments	Date:	01/22/2019

Job ID :	19011404	Sample Matrix:	Soil
Client Sample ID:	B-3-S-3-1	Date Collected:	01/11/2019
Job Sample ID:	19011404.11	Time Collected:	15:30
Other Information:			

Test Method	Parameter	Result	Units	DF	RL	MDL	Q	Date/Time Analyzed	Analyst
SM2540b	**% Moisture**								
	% Moisture	25.0	%	1				01/16/2019 11:17	HDM
SW-846 8260B	**Volatile Organic Compounds-Soil**								
	Benzene	BDL	mg/kg dw	1.18	0.00800	0.000740		01/15/2019 22:02	RPG
	Ethylbenzene	BDL	mg/kg dw	1.18	0.00800	0.000250		01/15/2019 22:02	RPG
	Toluene	BDL	mg/kg dw	1.18	0.00800	0.00160		01/15/2019 22:02	RPG
	xylene-o	BDL	mg/kg dw	1.18	0.00800	0.000790		01/15/2019 22:02	RPG
	xylenes (m&P)	BDL	mg/kg dw	1.18	0.0160	0.00113		01/15/2019 22:02	RPG
	Dibromofluoromethane(surr)	105.0	%	1.18	61.2-143			01/15/2019 22:02	RPG
	p-Bromofluorobenzene(surr)	103.0	%	1.18	69.4-143			01/15/2019 22:02	RPG
	Toluene-d8(surr)	100.0	%	1.18	62.3-146			01/15/2019 22:02	RPG
SW-846 8270D	**Semivolatile Organic Compounds - Soils**								
	1-Methylnaphthalene	BDL	mg/kg dw	0.992	0.110	0.0885		01/21/2019 20:54	RPG
	2-Methylnaphthalene	BDL	mg/kg dw	0.992	0.110	0.0929		01/21/2019 20:54	RPG
	Acenaphthene	BDL	mg/kg dw	0.992	0.110	0.0152		01/21/2019 20:54	RPG
	Acenaphthylene	BDL	mg/kg dw	0.992	0.110	0.0173		01/21/2019 20:54	RPG
	Anthracene	BDL	mg/kg dw	0.992	0.110	0.0151		01/21/2019 20:54	RPG
	Benzo(a)anthracene	BDL	mg/kg dw	0.992	0.110	0.0389		01/21/2019 20:54	RPG
	Benzo(a)pyrene	BDL	mg/kg dw	0.992	0.110	0.0115		01/21/2019 20:54	RPG
	Benzo(b)fluoranthene	0.0160	mg/kg dw	0.992	0.110	0.0106	J	01/21/2019 20:54	RPG
	Benzo(g,h,i)perylene	BDL	mg/kg dw	0.992	0.110	0.0268		01/21/2019 20:54	RPG
	Benzo(k)fluoranthene	BDL	mg/kg dw	0.992	0.110	0.0213		01/21/2019 20:54	RPG
	Chrysene	BDL	mg/kg dw	0.992	0.110	0.0151		01/21/2019 20:54	RPG
	Dibenzo(a,h)anthracene	BDL	mg/kg dw	0.992	0.110	0.0216		01/21/2019 20:54	RPG
	Fluoranthene	BDL	mg/kg dw	0.992	0.110	0.0699		01/21/2019 20:54	RPG
	Fluorene	BDL	mg/kg dw	0.992	0.110	0.0707		01/21/2019 20:54	RPG
	Indeno(1,2,3-cd)pyrene	BDL	mg/kg dw	0.992	0.110	0.0182		01/21/2019 20:54	RPG
	Naphthalene	0.0187	mg/kg dw	0.992	0.110	0.0159	J	01/21/2019 20:54	RPG
	Phenanthrene	0.0213	mg/kg dw	0.992	0.110	0.0213	J	01/21/2019 20:54	RPG
	Pyrene	BDL	mg/kg dw	0.992	0.110	0.0575		01/21/2019 20:54	RPG
	2,4,6-Tribromophenol(surr)	66.3	%	0.992	49.3-138			01/21/2019 20:54	RPG
	2-Fluorobiphenyl(surr)	63.0	%	0.992	41.4-111			01/21/2019 20:54	RPG

Date: 01/22/2019 15:54

CLIENT SAMPLE RESULTS

Job ID : 19011404

Avery Laboratories & Environmental Services, LLC

2720 Gregory St. Unit 200 Savannah, Georgia 31404 Tel: (912) 944-3748 Fax: (912) 234-9294

Client Name:	Terracon	Attn:	Justin Johnson
Project ID:	Seaboard Station Apartments	Date:	01/22/2019

Job ID :	19011404	Sample Matrix:	Soil
Client Sample ID:	B-3-S-3-1	Date Collected:	01/11/2019
Job Sample ID:	19011404.11	Time Collected:	15:30
Other Information:			

Test Method	Parameter	Result	Units	DF	RL	MDL	Q	Date/Time Analyzed	Analyst
SW-846 8270D	**Semivolatile Organic Compounds - Soils**								
	2-Fluorophenol(surr)	59.9	%	0.992	37.1-101			01/21/2019 20:54	RPG
	Nitrobenzene-d5(surr)	54.5	%	0.992	35.2-104			01/21/2019 20:54	RPG
	Phenol-d5(surr)	53.2	%	0.992	36.1-96.7			01/21/2019 20:54	RPG
	p-Terphenyl-d14(surr)	76.7	%	0.992	54.9-118			01/21/2019 20:54	RPG

CLIENT SAMPLE RESULTS

Job ID : 19011404

Avery Laboratories & Environmental Services, LLC

2720 Gregory St. Unit 200 Savannah, Georgia 31404 Tel: (912) 944-3748 Fax: (912) 234-9294

Client Name:	Terracon	Attn:	Justin Johnson
Project ID:	Seaboard Station Apartments	Date:	01/22/2019

Job ID :	19011404	Sample Matrix:	Soil
Client Sample ID:	B-3-S-3-2	Date Collected:	01/11/2019
Job Sample ID:	19011404.12	Time Collected:	15:35
Other Information:			

Test Method	Parameter	Result	Units	DF	RL	MDL	Q	Date/Time Analyzed	Analyst
SM2540b	**% Moisture**								
	% Moisture	19.8	%	1				01/16/2019 11:17	HDM
SW-846 8260B	**Volatile Organic Compounds-Soil**								
	Benzene	BDL	mg/kg dw	0.923	0.00600	0.000540		01/16/2019 20:06	HDM
	Ethylbenzene	BDL	mg/kg dw	0.923	0.00600	0.000180		01/16/2019 20:06	HDM
	Toluene	BDL	mg/kg dw	0.923	0.00600	0.00120		01/16/2019 20:06	HDM
	xylene-o	BDL	mg/kg dw	0.923	0.00600	0.000580		01/16/2019 20:06	HDM
	xylenes (m&P)	BDL	mg/kg dw	0.923	0.0120	0.000830		01/16/2019 20:06	HDM
	Dibromofluoromethane(surr)	104.0	%	0.923	61.2-143			01/16/2019 20:06	HDM
	p-Bromofluorobenzene(surr)	86.7	%	0.923	69.4-143			01/16/2019 20:06	HDM
	Toluene-d8(surr)	95.3	%	0.923	62.3-146			01/16/2019 20:06	HDM
SW-846 8270D	**Semivolatile Organic Compounds - Soils**								
	1-Methylnaphthalene	BDL	mg/kg dw	4.96	0.515	0.414		01/21/2019 21:20	RPG
	2-Methylnaphthalene	BDL	mg/kg dw	4.96	0.515	0.435		01/21/2019 21:20	RPG
	Acenaphthene	BDL	mg/kg dw	4.96	0.515	0.0711		01/21/2019 21:20	RPG
	Acenaphthylene	BDL	mg/kg dw	4.96	0.515	0.0810		01/21/2019 21:20	RPG
	Anthracene	BDL	mg/kg dw	4.96	0.515	0.0705		01/21/2019 21:20	RPG
	Benzo(a)anthracene	0.242	mg/kg dw	4.96	0.515	0.182	J	01/21/2019 21:20	RPG
	Benzo(a)pyrene	0.198	mg/kg dw	4.96	0.515	0.0538	J	01/21/2019 21:20	RPG
	Benzo(b)fluoranthene	0.340	mg/kg dw	4.96	0.515	0.0495	J	01/21/2019 21:20	RPG
	Benzo(g,h,i)perylene	0.231	mg/kg dw	4.96	0.515	0.126	J	01/21/2019 21:20	RPG
	Benzo(k)fluoranthene	0.107	mg/kg dw	4.96	0.515	0.0995	J	01/21/2019 21:20	RPG
	Chrysene	0.265	mg/kg dw	4.96	0.515	0.0705	J	01/21/2019 21:20	RPG
	Dibenzo(a,h)anthracene	BDL	mg/kg dw	4.96	0.515	0.101		01/21/2019 21:20	RPG
	Fluoranthene	0.363	mg/kg dw	4.96	0.515	0.327	J	01/21/2019 21:20	RPG
	Fluorene	BDL	mg/kg dw	4.96	0.515	0.331		01/21/2019 21:20	RPG
	Indeno(1,2,3-cd)pyrene	0.157	mg/kg dw	4.96	0.515	0.0853	J	01/21/2019 21:20	RPG
	Naphthalene	0.580	mg/kg dw	4.96	0.515	0.0742		01/21/2019 21:20	RPG
	Phenanthrene	0.429	mg/kg dw	4.96	0.515	0.0995	J	01/21/2019 21:20	RPG
	Pyrene	0.315	mg/kg dw	4.96	0.515	0.269	J	01/21/2019 21:20	RPG
	2,4,6-Tribromophenol(surr)	33.3	%	4.96	49.3-138		S	01/21/2019 21:20	RPG
	2-Fluorobiphenyl(surr)	75.2	%	4.96	41.4-111			01/21/2019 21:20	RPG

CLIENT SAMPLE RESULTS

Job ID : 19011404

Avery Laboratories & Environmental Services, LLC

2720 Gregory St. Unit 200 Savannah, Georgia 31404 Tel: (912) 944-3748 Fax: (912) 234-9294

Client Name:	Terracon	Attn:	Justin Johnson
Project ID:	Seaboard Station Apartments	Date:	01/22/2019

Job ID :	19011404	Sample Matrix:	Soil
Client Sample ID:	B-3-S-3-2	Date Collected:	01/11/2019
Job Sample ID:	19011404.12	Time Collected:	15:35
Other Information:			

Test Method	Parameter	Result	Units	DF	RL	MDL	Q	Date/Time Analyzed	Analyst
SW-846 8270D	**Semivolatile Organic Compounds - Soils**								
	2-Fluorophenol(surr)	59.2	%	4.96	37.1-101			01/21/2019 21:20	RPG
	Nitrobenzene-d5(surr)	61.4	%	4.96	35.2-104			01/21/2019 21:20	RPG
	Phenol-d5(surr)	59.2	%	4.96	36.1-96.7			01/21/2019 21:20	RPG
	p-Terphenyl-d14(surr)	80.5	%	4.96	54.9-118			01/21/2019 21:20	RPG

CLIENT SAMPLE RESULTS

Job ID : 19011404

Avery Laboratories & Environmental Services, LLC

2720 Gregory St. Unit 200 Savannah, Georgia 31404 Tel: (912) 944-3748 Fax: (912) 234-9294

Client Name:	Terracon	Attn:	Justin Johnson
Project ID:	Seaboard Station Apartments	Date:	01/22/2019

Job ID :	19011404	Sample Matrix:	Soil
Client Sample ID:	B-3-W-4-1	Date Collected:	01/11/2019
Job Sample ID:	19011404.13	Time Collected:	16:00
Other Information:			

Test Method	Parameter	Result	Units	DF	RL	MDL	Q	Date/Time Analyzed	Analyst
SM2540b	**% Moisture**								
	% Moisture	15.1	%	1				01/16/2019 11:17	HDM
SW-846 8260B	**Volatile Organic Compounds-Soil**								
	Benzene	0.00448	mg/kg dw	1.21	0.00700	0.000670	J	01/16/2019 20:31	HDM
	Ethylbenzene	BDL	mg/kg dw	1.21	0.00700	0.000230		01/16/2019 20:31	HDM
	Toluene	0.00188	mg/kg dw	1.21	0.00700	0.00140	J	01/16/2019 20:31	HDM
	xylene-o	BDL	mg/kg dw	1.21	0.00700	0.000710		01/16/2019 20:31	HDM
	xylenes (m&P)	BDL	mg/kg dw	1.21	0.0140	0.00103		01/16/2019 20:31	HDM
	Dibromofluoromethane(surr)	134.0	%	1.21	61.2-143			01/16/2019 20:31	HDM
	p-Bromofluorobenzene(surr)	71.1	%	1.21	69.4-143			01/16/2019 20:31	HDM
	Toluene-d8(surr)	89.3	%	1.21	62.3-146			01/16/2019 20:31	HDM
SW-846 8270D	**Semivolatile Organic Compounds - Soils**								
	1-Methylnaphthalene	0.667	mg/kg dw	4.98	0.489	0.392		01/21/2019 21:47	RPG
	2-Methylnaphthalene	0.777	mg/kg dw	4.98	0.489	0.412		01/21/2019 21:47	RPG
	Acenaphthene	BDL	mg/kg dw	4.98	0.489	0.0675		01/21/2019 21:47	RPG
	Acenaphthylene	0.140	mg/kg dw	4.98	0.489	0.0769	J	01/21/2019 21:47	RPG
	Anthracene	0.187	mg/kg dw	4.98	0.489	0.0669	J	01/21/2019 21:47	RPG
	Benzo(a)anthracene	0.803	mg/kg dw	4.98	0.489	0.172		01/21/2019 21:47	RPG
	Benzo(a)pyrene	0.848	mg/kg dw	4.98	0.489	0.0510		01/21/2019 21:47	RPG
	Benzo(b)fluoranthene	1.59	mg/kg dw	4.98	0.489	0.0469		01/21/2019 21:47	RPG
	Benzo(g,h,i)perylene	0.721	mg/kg dw	4.98	0.489	0.119		01/21/2019 21:47	RPG
	Benzo(k)fluoranthene	0.504	mg/kg dw	4.98	0.489	0.0944		01/21/2019 21:47	RPG
	Chrysene	1.05	mg/kg dw	4.98	0.489	0.0669		01/21/2019 21:47	RPG
	Dibenzo(a,h)anthracene	0.168	mg/kg dw	4.98	0.489	0.0956	J	01/21/2019 21:47	RPG
	Fluoranthene	1.61	mg/kg dw	4.98	0.489	0.310		01/21/2019 21:47	RPG
	Fluorene	BDL	mg/kg dw	4.98	0.489	0.314		01/21/2019 21:47	RPG
	Indeno(1,2,3-cd)pyrene	0.587	mg/kg dw	4.98	0.489	0.0810		01/21/2019 21:47	RPG
	Naphthalene	0.615	mg/kg dw	4.98	0.489	0.0704		01/21/2019 21:47	RPG
	Phenanthrene	1.45	mg/kg dw	4.98	0.489	0.0944		01/21/2019 21:47	RPG
	Pyrene	1.48	mg/kg dw	4.98	0.489	0.255		01/21/2019 21:47	RPG
	2,4,6-Tribromophenol(surr)	56.6	%	4.98	49.3-138			01/21/2019 21:47	RPG
	2-Fluorobiphenyl(surr)	75.2	%	4.98	41.4-111			01/21/2019 21:47	RPG

Date: 01/22/2019 15:54

CLIENT SAMPLE RESULTS

Job ID : 19011404

Avery Laboratories & Environmental Services, LLC

2720 Gregory St. Unit 200 Savannah, Georgia 31404 Tel: (912) 944-3748 Fax: (912) 234-9294

Client Name:	Terracon	Attn:	Justin Johnson
Project ID:	Seaboard Station Apartments	Date:	01/22/2019

Job ID :	19011404	Sample Matrix:	Soil
Client Sample ID:	B-3-W-4-1	Date Collected:	01/11/2019
Job Sample ID:	19011404.13	Time Collected:	16:00
Other Information:			

Test Method	Parameter	Result	Units	DF	RL	MDL	Q	Date/Time Analyzed	Analyst
SW-846 8270D	**Semivolatile Organic Compounds - Soils**								
	2-Fluorophenol(surr)	59.9	%	4.98	37.1-101			01/21/2019 21:47	RPG
	Nitrobenzene-d5(surr)	60.4	%	4.98	35.2-104			01/21/2019 21:47	RPG
	Phenol-d5(surr)	55.4	%	4.98	36.1-96.7			01/21/2019 21:47	RPG
	p-Terphenyl-d14(surr)	74.8	%	4.98	54.9-118			01/21/2019 21:47	RPG

CLIENT SAMPLE RESULTS

Job ID : 19011404

Avery Laboratories & Environmental Services, LLC

2720 Gregory St. Unit 200 Savannah, Georgia 31404 Tel: (912) 944-3748 Fax: (912) 234-9294

Client Name:	Terracon	Attn:	Justin Johnson
Project ID:	Seaboard Station Apartments	Date:	01/22/2019

Job ID :	19011404	Sample Matrix:	Soil
Client Sample ID:	B-3-W-4-2	Date Collected:	01/11/2019
Job Sample ID:	19011404.14	Time Collected:	16:05
Other Information:			

Test Method	Parameter	Result	Units	DF	RL	MDL	Q	Date/Time Analyzed	Analyst
SM2540b	**% Moisture**								
	% Moisture	13.9	%	1				01/16/2019 11:17	HDM
SW-846 8260B	**Volatile Organic Compounds-Soil**								
	Benzene	0.00163	mg/kg dw	0.858	0.00500	0.000470	J	01/16/2019 20:56	HDM
	Ethylbenzene	0.000399	mg/kg dw	0.858	0.00500	0.000160	J	01/16/2019 20:56	HDM
	Toluene	0.00128	mg/kg dw	0.858	0.00500	0.00100	J	01/16/2019 20:56	HDM
	xylene-o	BDL	mg/kg dw	0.858	0.00500	0.000500		01/16/2019 20:56	HDM
	xylenes (m&P)	BDL	mg/kg dw	0.858	0.0100	0.000720		01/16/2019 20:56	HDM
	Dibromofluoromethane(surr)	117.0	%	0.858	61.2-143			01/16/2019 20:56	HDM
	p-Bromofluorobenzene(surr)	88.6	%	0.858	69.4-143			01/16/2019 20:56	HDM
	Toluene-d8(surr)	103.0	%	0.858	62.3-146			01/16/2019 20:56	HDM
SW-846 8270D	**Semivolatile Organic Compounds - Soils**								
	1-Methylnaphthalene	BDL	mg/kg dw	4.96	0.480	0.386		01/21/2019 22:14	RPG
	2-Methylnaphthalene	BDL	mg/kg dw	4.96	0.480	0.405		01/21/2019 22:14	RPG
	Acenaphthene	BDL	mg/kg dw	4.96	0.480	0.0663		01/21/2019 22:14	RPG
	Acenaphthylene	BDL	mg/kg dw	4.96	0.480	0.0755		01/21/2019 22:14	RPG
	Anthracene	BDL	mg/kg dw	4.96	0.480	0.0657		01/21/2019 22:14	RPG
	Benzo(a)anthracene	0.358	mg/kg dw	4.96	0.480	0.169	J	01/21/2019 22:14	RPG
	Benzo(a)pyrene	0.353	mg/kg dw	4.96	0.480	0.0501	J	01/21/2019 22:14	RPG
	Benzo(b)fluoranthene	0.565	mg/kg dw	4.96	0.480	0.0461		01/21/2019 22:14	RPG
	Benzo(g,h,i)perylene	0.271	mg/kg dw	4.96	0.480	0.117	J	01/21/2019 22:14	RPG
	Benzo(k)fluoranthene	0.244	mg/kg dw	4.96	0.480	0.0928	J	01/21/2019 22:14	RPG
	Chrysene	0.406	mg/kg dw	4.96	0.480	0.0657	J	01/21/2019 22:14	RPG
	Dibenzo(a,h)anthracene	BDL	mg/kg dw	4.96	0.480	0.0939		01/21/2019 22:14	RPG
	Fluoranthene	0.425	mg/kg dw	4.96	0.480	0.305	J	01/21/2019 22:14	RPG
	Fluorene	BDL	mg/kg dw	4.96	0.480	0.308		01/21/2019 22:14	RPG
	Indeno(1,2,3-cd)pyrene	0.209	mg/kg dw	4.96	0.480	0.0795	J	01/21/2019 22:14	RPG
	Naphthalene	0.229	mg/kg dw	4.96	0.480	0.0692	J	01/21/2019 22:14	RPG
	Phenanthrene	0.353	mg/kg dw	4.96	0.480	0.0928	J	01/21/2019 22:14	RPG
	Pyrene	0.514	mg/kg dw	4.96	0.480	0.251		01/21/2019 22:14	RPG
	2,4,6-Tribromophenol(surr)	73.0	%	4.96	49.3-138			01/21/2019 22:14	RPG
	2-Fluorobiphenyl(surr)	75.9	%	4.96	41.4-111			01/21/2019 22:14	RPG

Date: 01/22/2019 15:54

CLIENT SAMPLE RESULTS

Job ID : 19011404

Avery Laboratories & Environmental Services, LLC

2720 Gregory St. Unit 200 Savannah, Georgia 31404 Tel: (912) 944-3748 Fax: (912) 234-9294

Client Name:	Terracon	Attn:	Justin Johnson
Project ID:	Seaboard Station Apartments	Date:	01/22/2019

Job ID :	19011404	Sample Matrix:	Soil
Client Sample ID:	B-3-W-4-2	Date Collected:	01/11/2019
Job Sample ID:	19011404.14	Time Collected:	16:05
Other Information:			

Test Method	Parameter	Result	Units	DF	RL	MDL	Q	Date/Time Analyzed	Analyst
SW-846 8270D	**Semivolatile Organic Compounds - Soils**								
	2-Fluorophenol(surr)	69.7	%	4.96	37.1-101			01/21/2019 22:14	RPG
	Nitrobenzene-d5(surr)	62.6	%	4.96	35.2-104			01/21/2019 22:14	RPG
	Phenol-d5(surr)	61.4	%	4.96	36.1-96.7			01/21/2019 22:14	RPG
	p-Terphenyl-d14(surr)	80.5	%	4.96	54.9-118			01/21/2019 22:14	RPG

CLIENT SAMPLE RESULTS

Job ID : 19011404

Avery Laboratories & Environmental Services, LLC

2720 Gregory St. Unit 200 Savannah, Georgia 31404 Tel: (912) 944-3748 Fax: (912) 234-9294

Client Name:	Terracon	Attn:	Justin Johnson
Project ID:	Seaboard Station Apartments	Date:	01/22/2019

Job ID :	19011404	Sample Matrix:	Soil
Client Sample ID:	B-3-W-7-1	Date Collected:	01/11/2019
Job Sample ID:	19011404.15	Time Collected:	16:15
Other Information:			

Test Method	Parameter	Result	Units	DF	RL	MDL	Q	Date/Time Analyzed	Analyst
SM2540b	**% Moisture**								
	% Moisture	15.6	%	1				01/16/2019 11:17	HDM
SW-846 8260B	**Volatile Organic Compounds-Soil**								
	Benzene	0.00103	mg/kg dw	1.31	0.00800	0.000730	J	01/16/2019 21:20	HDM
	Ethylbenzene	0.000498	mg/kg dw	1.31	0.00800	0.000250	J	01/16/2019 21:20	HDM
	Toluene	BDL	mg/kg dw	1.31	0.00800	0.00160		01/16/2019 21:20	HDM
	xylene-o	BDL	mg/kg dw	1.31	0.00800	0.000780		01/16/2019 21:20	HDM
	xylenes (m&P)	BDL	mg/kg dw	1.31	0.0160	0.00112		01/16/2019 21:20	HDM
	Dibromofluoromethane(surr)	108.0	%	1.31	61.2-143			01/16/2019 21:20	HDM
	p-Bromofluorobenzene(surr)	77.9	%	1.31	69.4-143			01/16/2019 21:20	HDM
	Toluene-d8(surr)	94.7	%	1.31	62.3-146			01/16/2019 21:20	HDM
SW-846 8270D	**Semivolatile Organic Compounds - Soils**								
	1-Methylnaphthalene	0.756	mg/kg dw	4.98	0.492	0.395		01/21/2019 22:41	RPG
	2-Methylnaphthalene	0.889	mg/kg dw	4.98	0.492	0.415		01/21/2019 22:41	RPG
	Acenaphthene	BDL	mg/kg dw	4.98	0.492	0.0679		01/21/2019 22:41	RPG
	Acenaphthylene	0.399	mg/kg dw	4.98	0.492	0.0773	J	01/21/2019 22:41	RPG
	Anthracene	0.364	mg/kg dw	4.98	0.492	0.0673	J	01/21/2019 22:41	RPG
	Benzo(a)anthracene	1.90	mg/kg dw	4.98	0.492	0.174		01/21/2019 22:41	RPG
	Benzo(a)pyrene	2.00	mg/kg dw	4.98	0.492	0.0513		01/21/2019 22:41	RPG
	Benzo(b)fluoranthene	3.12	mg/kg dw	4.98	0.492	0.0472		01/21/2019 22:41	RPG
	Benzo(g,h,i)perylene	1.48	mg/kg dw	4.98	0.492	0.120		01/21/2019 22:41	RPG
	Benzo(k)fluoranthene	1.21	mg/kg dw	4.98	0.492	0.0950		01/21/2019 22:41	RPG
	Chrysene	2.22	mg/kg dw	4.98	0.492	0.0673		01/21/2019 22:41	RPG
	Dibenzo(a,h)anthracene	0.350	mg/kg dw	4.98	0.492	0.0962	J	01/21/2019 22:41	RPG
	Fluoranthene	3.32	mg/kg dw	4.98	0.492	0.312		01/21/2019 22:41	RPG
	Fluorene	BDL	mg/kg dw	4.98	0.492	0.316		01/21/2019 22:41	RPG
	Indeno(1,2,3-cd)pyrene	1.20	mg/kg dw	4.98	0.492	0.0814		01/21/2019 22:41	RPG
	Naphthalene	0.680	mg/kg dw	4.98	0.492	0.0708		01/21/2019 22:41	RPG
	Phenanthrene	1.97	mg/kg dw	4.98	0.492	0.0950		01/21/2019 22:41	RPG
	Pyrene	3.18	mg/kg dw	4.98	0.492	0.257		01/21/2019 22:41	RPG
	2,4,6-Tribromophenol(surr)	88.8	%	4.98	49.3-138			01/21/2019 22:41	RPG
	2-Fluorobiphenyl(surr)	82.7	%	4.98	41.4-111			01/21/2019 22:41	RPG

Date: 01/22/2019 15:54

CLIENT SAMPLE RESULTS

Job ID : 19011404

Avery Laboratories & Environmental Services, LLC

2720 Gregory St. Unit 200 Savannah, Georgia 31404 Tel: (912) 944-3748 Fax: (912) 234-9294

Client Name:	Terracon	Attn:	Justin Johnson
Project ID:	Seaboard Station Apartments	Date:	01/22/2019

Job ID :	19011404	Sample Matrix:	Soil
Client Sample ID:	B-3-W-7-1	Date Collected:	01/11/2019
Job Sample ID:	19011404.15	Time Collected:	16:15
Other Information:			

Test Method	Parameter	Result	Units	DF	RL	MDL	Q	Date/Time Analyzed	Analyst
SW-846 8270D	**Semivolatile Organic Compounds - Soils**								
	2-Fluorophenol(surr)	70.4	%	4.98	37.1-101			01/21/2019 22:41	RPG
	Nitrobenzene-d5(surr)	64.1	%	4.98	35.2-104			01/21/2019 22:41	RPG
	Phenol-d5(surr)	61.4	%	4.98	36.1-96.7			01/21/2019 22:41	RPG
	p-Terphenyl-d14(surr)	79.7	%	4.98	54.9-118			01/21/2019 22:41	RPG

CLIENT SAMPLE RESULTS

Job ID : 19011404

Avery Laboratories & Environmental Services, LLC

2720 Gregory St. Unit 200 Savannah, Georgia 31404 Tel: (912) 944-3748 Fax: (912) 234-9294

Client Name:	Terracon	Attn:	Justin Johnson
Project ID:	Seaboard Station Apartments	Date:	01/22/2019

Job ID :	19011404	Sample Matrix:	Soil
Client Sample ID:	B-3-W-7-2	Date Collected:	01/11/2019
Job Sample ID:	19011404.16	Time Collected:	16:20
Other Information:			

Test Method	Parameter	Result	Units	DF	RL	MDL	Q	Date/Time Analyzed	Analyst
SM2540b	**% Moisture**								
	% Moisture	15.6	%	1				01/16/2019 11:17	HDM
SW-846 8260B	**Volatile Organic Compounds-Soil**								
	Benzene	0.00178	mg/kg dw	1.03	0.00600	0.000570	J	01/16/2019 21:45	HDM
	Ethylbenzene	0.000513	mg/kg dw	1.03	0.00600	0.000200	J	01/16/2019 21:45	HDM
	Toluene	0.00154	mg/kg dw	1.03	0.00600	0.00120	J	01/16/2019 21:45	HDM
	xylene-o	BDL	mg/kg dw	1.03	0.00600	0.000610		01/16/2019 21:45	HDM
	xylenes (m&P)	BDL	mg/kg dw	1.03	0.0120	0.000880		01/16/2019 21:45	HDM
	Dibromofluoromethane(surr)	130.0	%	1.03	61.2-143			01/16/2019 21:45	HDM
	p-Bromofluorobenzene(surr)	64.1	%	1.03	69.4-143		S	01/16/2019 21:45	HDM
	Toluene-d8(surr)	89.3	%	1.03	62.3-146			01/16/2019 21:45	HDM
SW-846 8270D	**Semivolatile Organic Compounds - Soils**								
	1-Methylnaphthalene	0.800	mg/kg dw	4.97	0.491	0.394		01/21/2019 23:08	RPG
	2-Methylnaphthalene	0.935	mg/kg dw	4.97	0.491	0.414		01/21/2019 23:08	RPG
	Acenaphthene	BDL	mg/kg dw	4.97	0.491	0.0678		01/21/2019 23:08	RPG
	Acenaphthylene	0.270	mg/kg dw	4.97	0.491	0.0772	J	01/21/2019 23:08	RPG
	Anthracene	0.213	mg/kg dw	4.97	0.491	0.0672	J	01/21/2019 23:08	RPG
	Benzo(a)anthracene	1.36	mg/kg dw	4.97	0.491	0.173		01/21/2019 23:08	RPG
	Benzo(a)pyrene	1.48	mg/kg dw	4.97	0.491	0.0513		01/21/2019 23:08	RPG
	Benzo(b)fluoranthene	2.44	mg/kg dw	4.97	0.491	0.0471		01/21/2019 23:08	RPG
	Benzo(g,h,i)perylene	1.07	mg/kg dw	4.97	0.491	0.120		01/21/2019 23:08	RPG
	Benzo(k)fluoranthene	0.863	mg/kg dw	4.97	0.491	0.0949		01/21/2019 23:08	RPG
	Chrysene	1.78	mg/kg dw	4.97	0.491	0.0672		01/21/2019 23:08	RPG
	Dibenzo(a,h)anthracene	0.273	mg/kg dw	4.97	0.491	0.0960	J	01/21/2019 23:08	RPG
	Fluoranthene	2.29	mg/kg dw	4.97	0.491	0.312		01/21/2019 23:08	RPG
	Fluorene	BDL	mg/kg dw	4.97	0.491	0.315		01/21/2019 23:08	RPG
	Indeno(1,2,3-cd)pyrene	0.877	mg/kg dw	4.97	0.491	0.0813		01/21/2019 23:08	RPG
	Naphthalene	0.691	mg/kg dw	4.97	0.491	0.0707		01/21/2019 23:08	RPG
	Phenanthrene	1.42	mg/kg dw	4.97	0.491	0.0949		01/21/2019 23:08	RPG
	Pyrene	2.26	mg/kg dw	4.97	0.491	0.256		01/21/2019 23:08	RPG
	2,4,6-Tribromophenol(surr)	64.0	%	4.97	49.3-138			01/21/2019 23:08	RPG
	2-Fluorobiphenyl(surr)	82.7	%	4.97	41.4-111			01/21/2019 23:08	RPG

Date: 01/22/2019 15:54

CLIENT SAMPLE RESULTS

Job ID : 19011404

Avery Laboratories & Environmental Services, LLC

2720 Gregory St. Unit 200 Savannah, Georgia 31404 Tel: (912) 944-3748 Fax: (912) 234-9294

Client Name:	Terracon	Attn:	Justin Johnson
Project ID:	Seaboard Station Apartments	Date:	01/22/2019

Job ID :	19011404	Sample Matrix:	Soil
Client Sample ID:	B-3-W-7-2	Date Collected:	01/11/2019
Job Sample ID:	19011404.16	Time Collected:	16:20
Other Information:			

Test Method	Parameter	Result	Units	DF	RL	MDL	Q	Date/Time Analyzed	Analyst
SW-846 8270D	**Semivolatile Organic Compounds - Soils**								
	2-Fluorophenol(surr)	69.3	%	4.97	37.1-101			01/21/2019 23:08	RPG
	Nitrobenzene-d5(surr)	62.9	%	4.97	35.2-104			01/21/2019 23:08	RPG
	Phenol-d5(surr)	61.4	%	4.97	36.1-96.7			01/21/2019 23:08	RPG
	p-Terphenyl-d14(surr)	84.2	%	4.97	54.9-118			01/21/2019 23:08	RPG

QUALITY CONTROL DATA

Job ID : 19011404

Avery Laboratories & Environmental Services, LLC

2720 Gregory St. Unit 200 Savannah, Georgia 31404 Tel: (912) 944-3748 Fax: (912) 234-9294

Analysis: **Volatile Organic Compounds-Soil** **Method:** **SW-846 8260B** **Reporting Units:** **mg/kg dw**

QC Batch ID: Qb19011607 **Created Date:** 01/22/2019 00:00 **Created By:** hmckinnon

Samples in this QC Batch: 19011404,01,02,03,04,05,06,07,08,09,10,11,12,13,14,15,16

Sample Preparation	PB19011607	SW5035	hmckinnon

QC Type: Method Blank

	Parameter	CAS	Result	Units	DF	RL	MDL	Qual
Method Blank	Benzene	71-43-2	BDL	mg/kg dw	1	0.0050		
Method Blank	Ethylbenzene	100-41-4	BDL	mg/kg dw	1	0.0050		
Method Blank	Toluene	108-88-3	BDL	mg/kg dw	1	0.0050		
Method Blank	xylene-o	95-47-6	BDL	mg/kg dw	1	0.0050		
Method Blank	xylenes (m&P)	108-38-3&106-42-3	BDL	mg/kg dw	1	0.010		
Method Blank	Dibromofluoromethane (Surr)	1868-53-7	106.0		5.00			
Method Blank	p-Bromofluorobenzene (Surr)	460-00-4	108.0		5.00			
Method Blank	Toluene-d8 (Surr)	2037-26-5	102.0		5.00			

QC Type: LCS/LCSD

Parameter	LCS Spk Amt	LCS Result	LCS % Rec	LCSD Spk Amt	LCSD Result	LCS % Rec	RPD	RPD CtrlLimit	% Rec CtrlLimit	Qual
Benzene	0.1	0.0820	82.0	0.1	0.0800	80.0	2.50	30	57.3-122	
Ethylbenzene	0.1	0.0880	88.0	0.1	0.0880	88.0	0.00	30	56.3-139	
Toluene	0.1	0.0850	85.0	0.1	0.0840	84.0	1.20	30	67.3-133	
xylene-o	0.1	0.0940	94.0	0.1	0.0960	96.0	2.10	30	51.4-144	
xylenes (m&P)	0.200	0.180	90.0	0.200	0.181	90.5	0.60	30	53.7-146	

QC Type: MS/MSD

	QC Sample ID	Parameter	Sample Result	MS Spk Amt	MS Result	MS % Rec	MS Spk Amt	MSD Result	MSD % Rec	RPD	RPD CtrlLimit	% Rec CtrlLimit	Qual
MS	19011404.09	Benzene	0.00270	0.067	0.0510	72.6	0.046	0.0340	67.6	40.00	30	57.3-122	M
MS	19011404.09	Ethylbenzene	0.000259	0.067	0.0440	65.8	0.046	0.0340	72.9	25.60	30	56.3-139	
MS	19011404.09	Toluene	0.00150	0.067	0.0380	54.9	0.046	0.0280	57.2	30.30	30	67.3-133	M
MS	19011404.09	xylene-o	0.000238	0.067	0.0360	53.8	0.046	0.0300	64.3	18.20	30	51.4-144	
MS	19011404.09	xylenes (m&P)	0.000528	0.133	0.0770	57.5	0.093	0.0630	67.5	20.00	30	53.7-146	

Refer to the Definition page for terms.

QUALITY CONTROL DATA

Job ID : 19011404

Avery Laboratories & Environmental Services, LLC

2720 Gregory St. Unit 200 Savannah, Georgia 31404 Tel: (912) 944-3748 Fax: (912) 234-9294

Analysis: **Semivolatile Organic Compounds - Soils** **Method:** **SW-846 8270D** **Reporting Units:** **mg/kg dw**

QC Batch ID: Qb19011706 **Created Date:** 01/22/2019 00:00 **Created By:** LBarlow

Samples in this QC Batch: 19011404,01,02,03,04,05,06,07,08,09,10,11,12,13,14,15,16

Extraction	PB19011706	SW3550c	LBarlow

QC Type: Method Blank

	Parameter	CAS	Result	Units	DF	RL	MDL	Qual
Method Blank	1-Methylnaphthalene	90-12-0	BDL	mg/kg dw	1	.333		
Method Blank	2-Methylnaphthalene	91-57-6	BDL	mg/kg dw	1	.333		
Method Blank	Acenaphthene	83-32-9	BDL	mg/kg dw	1	.333		
Method Blank	Acenaphthylene	208-96-8	BDL	mg/kg dw	1	.333		
Method Blank	Anthracene	120-12-7	BDL	mg/kg dw	1	.333		
Method Blank	Benzo(a)anthracene	56-55-3	BDL	mg/kg dw	1	.333		
Method Blank	Benzo(a)pyrene	50-32-8	BDL	mg/kg dw	1	.333		
Method Blank	Benzo(b)fluoranthene	205-99-2	BDL	mg/kg dw	1	.333		
Method Blank	Benzo(g,h,i)perylene	191-24-2	BDL	mg/kg dw	1	.333		
Method Blank	Benzo(k)fluoranthene	207-08-9	BDL	mg/kg dw	1	.333		
Method Blank	Chrysene	218-01-9	BDL	mg/kg dw	1	.333		
Method Blank	Dibenzo(a,h)anthracene	53-70-3	BDL	mg/kg dw	1	.333		
Method Blank	Fluoranthene	206-44-0	BDL	mg/kg dw	1	.333		
Method Blank	Fluorene	86-73-7	BDL	mg/kg dw	1	.333		
Method Blank	Indeno(1,2,3-cd)pyrene	193-39-5	BDL	mg/kg dw	1	.333		
Method Blank	Naphthalene	91-20-3	BDL	mg/kg dw	1	.333		
Method Blank	Phenanthrene	85-01-8	BDL	mg/kg dw	1	.333		
Method Blank	Pyrene	129-00-0	BDL	mg/kg dw	1	.333		
Method Blank	2,4,6-Tribromophenol (Surr)	118-79-6	88.8		1			
Method Blank	2-Fluorobiphenyl (Surr)	132-60-8	88.7		1			
Method Blank	2-Fluorophenol (Surr)	367-12-4	86.5		1			
Method Blank	Nitrobenzene-d5 (Surr)	4165-60-0	78.2		1			
Method Blank	Phenol-d5 (Surr)		77.2		1			
Method Blank	p-Terphenyl-d14 (Surr)	1718-51-0	102.0		1			

QC Type: LCS/LCSD

Parameter	LCS Spk Amt	LCS Result	LCS % Rec	LCSD Spk Amt	LCSD Result	LCS % Rec	RPD	RPD CtrlLimit	% Rec CtrlLimit	Qual
1-Methylnaphthalene	1.67	1.49	89.2	1.67	1.20	71.9	21.60	40	41.8-129	
2-Methylnaphthalene	1.67	1.49	89.2	1.67	1.20	71.9	21.60	40	52.9-114	
Acenaphthene	1.67	1.50	89.8	1.67	1.28	76.6	15.80	40	50.1-117	
Acenaphthylene	1.67	1.55	92.8	1.67	1.28	76.6	19.10	40	42.9-117	
Anthracene	1.67	1.61	96.4	1.67	1.36	81.4	16.80	40	60.4-122	
Benzo(a)anthracene	1.67	1.60	95.8	1.67	1.35	80.8	17.00	40	64.7-124	
Benzo(a)pyrene	1.67	1.70	102.0	1.67	1.42	85.0	18.00	40	56-118	
Benzo(b)fluoranthene	1.67	1.63	97.6	1.67	1.44	86.2	12.40	40	56.9-122	
Benzo(g,h,i)perylene	1.67	1.59	95.2	1.67	1.32	79.0	18.60	40	32.9-150	

QUALITY CONTROL DATA

Job ID : 19011404

Avery Laboratories & Environmental Services, LLC

2720 Gregory St. Unit 200 Savannah, Georgia 31404 Tel: (912) 944-3748 Fax: (912) 234-9294

Analysis: **Semivolatile Organic Compounds - Soils** **Method:** **SW-846 8270D** **Reporting Units:** **mg/kg dw**

QC Batch ID: Qb19011706 **Created Date:** 01/22/2019 00:00 **Created By:** LBarlow

Samples in this QC Batch: 19011404,01,02,03,04,05,06,07,08,09,10,11,12,13,14,15,16

QC Type: LCS/LCSD

Parameter	LCS Spk Amt	LCS Result	LCS % Rec	LCSD Spk Amt	LCSD Result	LCS % Rec	RPD	RPD CtrlLimit	% Rec CtrlLimit	Qual
Benzo(k)fluoranthene	1.67	1.74	104.0	1.67	1.47	88.0	16.80	40	47.8-122	
Chrysene	1.67	1.55	92.8	1.67	1.32	79.0	16.00	40	58-128	
Dibenzo(a,h)anthracene	1.67	1.24	74.3	1.67	1.04	62.3	17.50	40	25.9-174	
Fluoranthene	1.67	1.72	103.0	1.67	1.44	86.2	17.70	40	46.8-137	
Fluorene	1.67	1.61	96.4	1.67	1.37	82.0	16.10	40	48.1-123	
Indeno(1,2,3-cd)pyrene	1.67	1.21	72.5	1.67	1.02	61.1	17.00	40	30-158	
Naphthalene	1.67	1.40	83.8	1.67	1.14	68.3	20.50	40	52.8-108	
Phenanthrene	1.67	1.60	95.8	1.67	1.34	80.2	17.70	40	59.3-122	
Pyrene	1.67	1.54	92.2	1.67	1.34	80.2	13.90	40	58.8-117	
2,4,6-Tribromophenol (Surr)	2.67	2.56	95.9	2.67	2.14	80.1			49.3-138	
2-Fluorobiphenyl (Surr)	1.33	1.18	88.7	1.33	1.00	75.2			41.4-111	
2-Fluorophenol (Surr)	2.67	2.26	84.6	2.67	1.90	71.2			37.1-101	
Nitrobenzene-d5 (Surr)	1.33	1.08	81.2	1.33	0.866	65.1			35.2-104	
Phenol-d5 (Surr)	2.67	2.10	78.7	2.67	1.75	65.5			36.1-96.7	
p-Terphenyl-d14 (Surr)	1.33	1.40	105.0	1.33	1.18	88.7			54.9-118	

QC Type: MS/MSD

	QC Sample ID	Parameter	Sample Result	MS Spk Amt	MS Result	MS % Rec	MS Spk Amt	MSD Result	MSD % Rec	RPD	RPD CtrlLimit	% Rec CtrlLimit	Qual
MS	19011404.11	1-Methylnaphthalene	0.0150	1.66	0.955	56.3	1.66	0.978	57.7	2.40	40	41.8-129	
MS	19011404.11	2-Methylnaphthalene	0.0190	1.66	0.972	57.1	1.66	0.955	56.0	1.80	40	52.9-114	
MS	19011404.11	Acenaphthene	0	1.66	0.990	59.3	1.66	1.08	64.7	8.70	40	50.1-117	
MS	19011404.11	Acenaphthylene	0	1.66	1.01	60.5	1.66	1.11	66.5	9.40	40	42.9-117	
MS	19011404.11	Anthracene	0	1.66	1.02	61.1	1.66	1.12	67.1	9.40	40	60.4-122	
MS	19011404.11	Benzo(a)anthracene	0.00930	1.66	1.00	59.3	1.66	1.10	65.3	9.50	40	64.7-124	M
MS	19011404.11	Benzo(a)pyrene	0.00690	1.66	1.09	64.9	1.66	1.18	70.2	7.90	40	56-118	
MS	19011404.11	Benzo(b)fluoranthene	0.0120	1.66	1.09	64.6	1.66	1.19	70.5	8.80	40	56.9-122	
MS	19011404.11	Benzo(g,h,i)perylene	0.00890	1.66	1.16	68.9	1.66	1.26	74.9	8.30	40	32.9-150	
MS	19011404.11	Benzo(k)fluoranthene	0.00530	1.66	0.995	59.3	1.66	1.06	63.2	6.30	40	47.8-122	
MS	19011404.11	Chrysene	0.0100	1.66	1.00	59.3	1.66	1.07	63.5	6.80	40	58-128	
MS	19011404.11	Dibenzo(a,h)anthracene	0	1.66	0.932	55.8	1.66	0.979	58.6	4.90	40	25.9-174	
MS	19011404.11	Fluoranthene	0.00890	1.66	1.03	61.1	1.66	1.14	67.7	10.10	40	46.8-137	
MS	19011404.11	Fluorene	0	1.66	1.04	62.3	1.66	1.11	66.5	6.50	40	48.1-123	
MS	19011404.11	Indeno(1,2,3-cd)pyrene	0.00730	1.66	0.919	54.6	1.66	0.976	58.0	6.00	40	30-158	
MS	19011404.11	Naphthalene	0.0140	1.66	0.944	55.7	1.66	0.929	54.8	1.60	40	52.8-108	
MS	19011404.11	Phenanthrene	0.0160	1.66	1.01	59.5	1.66	1.10	64.9	8.50	40	59.3-122	
MS	19011404.11	Pyrene	0.00990	1.66	1.07	63.5	1.66	1.13	67.1	5.50	40	58.8-117	

Refer to the Definition page for terms.

QUALITY CONTROL DATA

Job ID : 19011404

Avery Laboratories & Environmental Services, LLC

2720 Gregory St. Unit 200 Savannah, Georgia 31404 Tel: (912) 944-3748 Fax: (912) 234-9294

Analysis:	**Semivolatile Organic Compounds - Soils**	**Method:**	**SW-846 8270D**	**Reporting Units:**	**mg/kg dw**
QC Batch ID:	Qb19011706	**Created Date:**	01/22/2019 00:00	**Created By:**	LBarlow
Samples in this QC Batch:	19011404,01,02,03,04,05,06,07,08,09,10,11,12,13,14,15,16				

CASE NARRATIVE

Job ID : 19011404

Avery Laboratories & Environmental Services, LLC

2720 Gregory St. Unit 200 Savannah, Georgia 31404 Tel: (912) 944-3748 Fax: (912) 234-9294

Client Name:	Terracon
Project ID:	Seaboard Station Apartments
Date Received:	01/11/2019
Collected By:	

Matrix Spikes
Method(s) SW8260b, SW8270d: The matrix spike/ matrix spike duplicate recoveries were outside the established laboratory control limits for several analytes. The lab spike recoveries were inside acceptable limits, so the data was reported. The matrix spikes have been qualified accordingly.

SW8260b: The internal standards were outside the method specified limits for the following samples: 1901404.01,1901404.02,1901404.03,1901404.06,1901404.07,1901404.08,1901404.12,1901404.13,1901404.14,1901404.15, and 1901404.16. The samples were reanalyzed with comparable results obtained.

SW8260b, SW8270d; The surrogate and/or surrogates were outside the established laboratory control limits for several samples. The data has been qualified accordingly.

Released By: PGrimm

Title: Technical Director

TERM AND QUALIFIER DEFINITION

Job ID : 19011404

Avery Laboratories & Environmental Services, LLC

2720 Gregory St. Unit 200 Savannah, Georgia 31404 Tel: (912) 944-3748 Fax: (912) 234-9294

General Term Definition	
Conc.	Concentration
DF	Dilution Factor - the factor applied to the reported data due to sample preparation, dilution, or moisture content
ND	Non Detect - Not Detected at or above adjusted reporting limit
J	Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit
RL	adjusted Reporting Limit (QL – Quantification Limit)
MDL	adjusted Method Detection Limit (LOD – Limit of Detection)
RegLimit	Regulatory Limit
mg/l	Milligrams per Liter
mg/kg	Milligrams per Kilogram
ppm	Parts per Million
µg/L	Micrograms per Liter
µg/g	Micrograms per Gram
ppb	Parts per Billion
gr/gal	Grains per Gallon
SU	Standard Units
CCU	Cobalt Color Units
NTU	Nephelometric Turbidity Units
µS/cm	Microsiemens per cm at 25C
P/A	Presence/Absence
CFU	Colony Forming Units
MPN	Most Probable Number
RB	Reagent Blank
MB	Method Blank
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
LFM	Laboratory Fortified Matrix (MS – Matrix Spike)
LFMD	Laboratory Fortified Matrix Duplicate (MSD – Matrix Spike Duplicate)
DUP	Sample Duplicate
RPD	Relative Percent Difference
%Rec	Percent Recovery
TNTC	Too numerous to count
NC	Not Calculable
SG	Silica Gel - Clean-Up
BRL	Below Reporting Limit
BDL	Below Detection Limit

Qualifier Definition	
J	The reported values is between the limit of detection (MDL) and the practical quantitation limit (RL).
M	Estimated value-The reported value failed the established quality control criteria for accuracy and /or precision.
S	The surrogate recovery was outside the established laboratory recovery limit.

SAMPLE SUMMARY

Job ID : 19011404

Avery Laboratories & Environmental Services, LLC

2720 Gregory St. Unit 200 Savannah, Georgia 31404 Tel: (912) 944-3748 Fax: (912) 234-9294

Client Project ID :
Seaboard Station Apartments

Report To : Client Name: Terracon Attn: Justin Johnson
Client Address: 2201 Rowland Ave. P.O.#.:
City, State, Zip: Savannah, GA, 31404

The laboratory has analyzed the following samples:

Client Sample ID	Matrix	Sample ID	Date Received	Date Collected	Collected by
B-3-N-4-2	Soil	19011404.01	1/11/2019 16:54	1/11/2019 10:05	
B-3-E-7-1	Soil	19011404.02	1/11/2019 16:54	1/11/2019 13:15	
B-3-E-7-2	Soil	19011404.03	1/11/2019 16:54	1/11/2019 13:20	
B-3-N-4-1	Soil	19011404.04	1/11/2019 16:54	1/11/2019 10:00	
B-3-N-2-1	Soil	19011404.05	1/11/2019 16:54	1/11/2019 13:25	
B-3-N-2-2	Soil	19011404.06	1/11/2019 16:54	1/11/2019 13:30	
B-3-E-4-1	Soil	19011404.07	1/11/2019 16:54	1/11/2019 13:50	
B-3-E-4-2	Soil	19011404.08	1/11/2019 16:54	1/11/2019 13:55	
B-3-S-6-1	Soil	19011404.09	1/11/2019 16:54	1/11/2019 15:10	
B-3-S-6-2	Soil	19011404.10	1/11/2019 16:54	1/11/2019 15:15	
B-3-S-3-1	Soil	19011404.11	1/11/2019 16:54	1/11/2019 15:30	
B-3-S-3-2	Soil	19011404.12	1/11/2019 16:54	1/11/2019 15:35	
B-3-W-4-1	Soil	19011404.13	1/11/2019 16:54	1/11/2019 16:00	
B-3-W-4-2	Soil	19011404.14	1/11/2019 16:54	1/11/2019 16:05	
B-3-W-7-1	Soil	19011404.15	1/11/2019 16:54	1/11/2019 16:15	
B-3-W-7-2	Soil	19011404.16	1/11/2019 16:54	1/11/2019 16:20	

Date: 01/22/2019 15:55

SAMPLE PREPARATION INFORMATION

Job ID : 19011404

Avery Laboratories & Environmental Services, LLC

2720 Gregory St. Unit 200 Savannah, Georgia 31404 Tel: (912) 944-3748 Fax: (912) 234-9294

Client Name:	Terracon	Attn:	Justin Johnson
Project Name:	Seaboard Station Apartments	Date:	01/22/2019

Sample ID	Test	Prep Method	Date Prepared	Analyst	Prep Batch ID
19011404.01	% Moisture	SM2540b	01/15/2019 11:14	hmckinnon	PB19012108
19011404.01	SVOA-Terracon Soil	SW3550c	01/17/2019 09:00	LBarlow	PB19011706
19011404.01	VOC-Terracon Soil	SW5035	01/15/2019 14:17	hmckinnon	PB19011607
19011404.02	% Moisture	SM2540b	01/15/2019 11:14	hmckinnon	PB19012108
19011404.02	SVOA-Terracon Soil	SW3550c	01/17/2019 09:00	LBarlow	PB19011706
19011404.02	VOC-Terracon Soil	SW5035	01/15/2019 14:17	hmckinnon	PB19011607
19011404.03	% Moisture	SM2540b	01/15/2019 11:14	hmckinnon	PB19012108
19011404.03	SVOA-Terracon Soil	SW3550c	01/17/2019 09:00	LBarlow	PB19011706
19011404.03	VOC-Terracon Soil	SW5035	01/15/2019 14:17	hmckinnon	PB19011607
19011404.04	% Moisture	SM2540b	01/15/2019 11:14	hmckinnon	PB19012108
19011404.04	SVOA-Terracon Soil	SW3550c	01/17/2019 09:00	LBarlow	PB19011706
19011404.04	VOC-Terracon Soil	SW5035	01/15/2019 14:17	hmckinnon	PB19011607
19011404.05	% Moisture	SM2540b	01/15/2019 11:14	hmckinnon	PB19012108
19011404.05	SVOA-Terracon Soil	SW3550c	01/17/2019 09:00	LBarlow	PB19011706
19011404.05	VOC-Terracon Soil	SW5035	01/15/2019 14:17	hmckinnon	PB19011607
19011404.06	% Moisture	SM2540b	01/15/2019 11:14	hmckinnon	PB19012108
19011404.06	SVOA-Terracon Soil	SW3550c	01/17/2019 09:00	LBarlow	PB19011706
19011404.06	VOC-Terracon Soil	SW5035	01/15/2019 14:17	hmckinnon	PB19011607
19011404.07	% Moisture	SM2540b	01/15/2019 11:14	hmckinnon	PB19012108
19011404.07	SVOA-Terracon Soil	SW3550c	01/17/2019 09:00	LBarlow	PB19011706
19011404.07	VOC-Terracon Soil	SW5035	01/15/2019 14:17	hmckinnon	PB19011607
19011404.08	% Moisture	SM2540b	01/15/2019 11:14	hmckinnon	PB19012108
19011404.08	SVOA-Terracon Soil	SW3550c	01/17/2019 09:00	LBarlow	PB19011706
19011404.08	VOC-Terracon Soil	SW5035	01/15/2019 14:17	hmckinnon	PB19011607
19011404.09	% Moisture	SM2540b	01/15/2019 11:14	hmckinnon	PB19012108
19011404.09	SVOA-Terracon Soil	SW3550c	01/17/2019 09:00	LBarlow	PB19011706
19011404.09	VOC-Terracon Soil	SW5035	01/15/2019 14:17	hmckinnon	PB19011607
19011404.10	% Moisture	SM2540b	01/15/2019 11:14	hmckinnon	PB19012108
19011404.10	SVOA-Terracon Soil	SW3550c	01/18/2019 09:00	LBarlow	PB19011706
19011404.10	VOC-Terracon Soil	SW5035	01/15/2019 14:17	hmckinnon	PB19011607
19011404.11	% Moisture	SM2540b	01/15/2019 11:14	hmckinnon	PB19012108
19011404.11	SVOA-Terracon Soil	SW3550c	01/18/2019 09:00	LBarlow	PB19011706
19011404.11	VOC-Terracon Soil	SW5035	01/15/2019 14:17	hmckinnon	PB19011607
19011404.12	% Moisture	SM2540b	01/15/2019 11:14	hmckinnon	PB19012108
19011404.12	SVOA-Terracon Soil	SW3550c	01/18/2019 09:00	LBarlow	PB19011706

Date: 01/22/2019 15:55

19011404.12	VOC-Terracon Soil	SW5035	01/15/2019 14:17	hmckinnon	PB19011607
19011404.13	% Moisture	SM2540b	01/15/2019 11:14	hmckinnon	PB19012108
19011404.13	SVOA-Terracon Soil	SW3550c	01/18/2019 09:00	LBarlow	PB19011706
19011404.13	VOC-Terracon Soil	SW5035	01/15/2019 14:17	hmckinnon	PB19011607
19011404.14	% Moisture	SM2540b	01/15/2019 11:14	hmckinnon	PB19012108
19011404.14	SVOA-Terracon Soil	SW3550c	01/18/2019 09:00	LBarlow	PB19011706
19011404.14	VOC-Terracon Soil	SW5035	01/15/2019 14:17	hmckinnon	PB19011607
19011404.15	% Moisture	SM2540b	01/15/2019 11:14	hmckinnon	PB19012108
19011404.15	SVOA-Terracon Soil	SW3550c	01/18/2019 09:00	LBarlow	PB19011706
19011404.15	VOC-Terracon Soil	SW5035	01/15/2019 14:17	hmckinnon	PB19011607
19011404.16	% Moisture	SM2540b	01/15/2019 11:14	hmckinnon	PB19012108
19011404.16	SVOA-Terracon Soil	SW3550c	01/18/2019 09:00	LBarlow	PB19011706
19011404.16	VOC-Terracon Soil	SW5035	01/15/2019 14:17	hmckinnon	PB19011607

RP19012219

SAMPLE CONDITION CHECKLIST

Job ID : 19011404

Avery Laboratories & Environmental Services, LLC

2720 Gregory St. Unit 200 Savannah, Georgia 31404 Tel: (912) 944-3748 Fax: (912) 234-9294

Client Name : Terracon		**Contact :**	Justin Johnson
Client Address : 2201 Rowland Ave.		**Contact Phone :**	912-662-8481
JobID : 19011404	**Date Received :** 01/11/2019	**Time Received :**	04:54 PM
Temperature : 3.1, 6.6	**Chlorine Check Lot # :**		
ThermometerID : 170145743	**pH Paper Lot # :**		

Comments : Include actions taken to resolve discrepancies/problem:
On ice

	Check Points	Yes	No	N/A
1	All samples were logged or labeled.	✔		
2	Bottle count on C-O-C matches bottle found.	✔		
3	C-O-C signed and dated.	✔		
4	Cooler seal present and signed.	✔		
5	If requested, sample(s) received with signed sample custody seal			✔
6	Sample amount is sufficient for analyses requested	✔		
7	Sample containers arrived in tact. (if no, comment)	✔		
8	Sample ID lables Match C-O-C ID's	✔		
9	Sample received at 6°C or Less		✔	
10	Sample(s) in a cooler.	✔		
11	Sample(s) were received at the proper pH.	✔		
12	Sample(s) were received in appropriate contatiner. (If no, comment)	✔		
13	Samples accepted.	✔		
14	Samples received within holding time for analysis requested	✔		
15	Zero headspace in liquid VOA vials	✔		

CheckIn By : Elizabeth Grimm CheckIn Date : 01/14/2019

Date: 01/22/2019 15:55

COMMERCIAL LABORATORY STIPULATION

Georgia Rules for Commercial Environmental Laboratory Accreditation
Chapter 391-3-26

Job ID : 19011404

Avery Laboratories & Environmental Services, LLC

2720 Gregory St. Unit 200 Savannah, Georgia 31404 Tel: (912) 944-3748 Fax: (912) 234-9294

Laboratory:	Avery Laboratories and Environmental Services, LLC
Accreditor:	NELAC: State of Florida, Department of Health, Bureau of Laboratories
Accreditation ID:	E87941
Scope:	NON-POTABLE WATER - EXTRACTABLE ORGANICS, NON-POTABLE WATER - GENERAL CHEMISTRY, NON-POTABLE WATER - METALS, NON-POTABLE WATER - PESTICIDES-HERBICIDES-PCB'S, NON-POTABLE WATER - VOLATILE ORGANICS, SOLID AND CHEMICAL MATERIALS - EXTRACTABLE ORGANICS, SOLID AND CHEMICAL MATERIALS - GENERAL CHEMISTRY, SOLID AND CHEMICAL MATERIALS - METALS, SOLID AND CHEMICAL MATERIALS - VOLATILE ORGANICS
Effective Date:	July 1, 2018 **Expiration Date:** July 1, 2019

As per the Georgia EPD Rules and Regulations for Commercial Laboratories, Avery Laboratories and Environmental Services - Savannah is accredited by the Florida Department of Health under the National Environmental Laboratory Approval Program (NELAP). If you have any further questions regarding accreditation status for Avery Laboratories and Environmental Services, please contact: Paul Grimm.

Avery Laboratories and Environmental Services, LLC
2720 Gregory St. Unit 200
Savannah, GA 31404
Phone: (912) 944-3748
Fax: (912) 234-9294

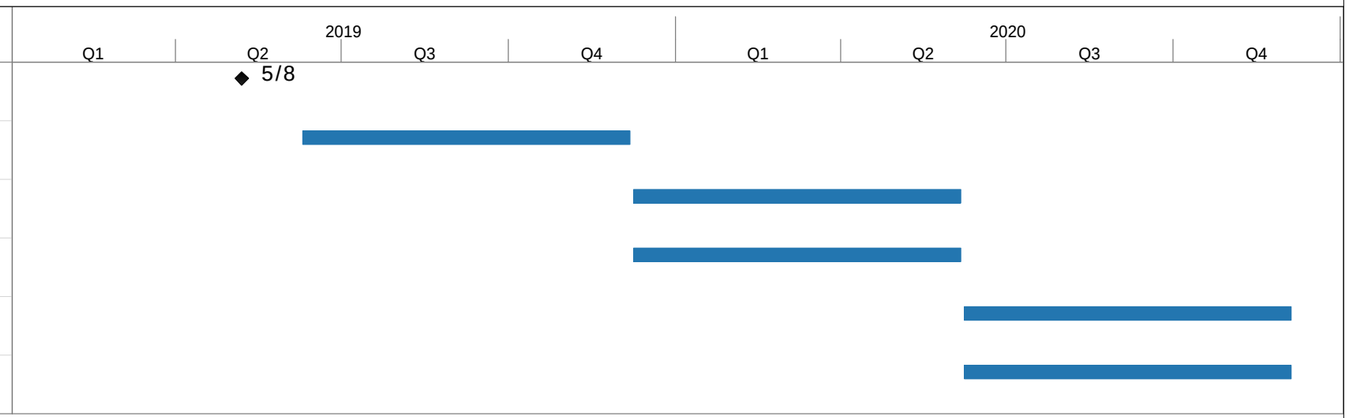
APPENDIX F

MILESTONE SCHEDULE

VRP Project Milestone Schedule

Former Seaboard Freight Station
703 Louisville Road
Savannah, Chatham County, Georgia

ID	Task Name	Start	Finish	Duration
1	Submit VRP Application	Wed 5/8/19	Wed 5/8/19	0 wks
2	Horizontal / Vertical Delineation	Mon 6/10/19	Fri 12/6/19	26 wks
3	Updated CSM with Final Remediation Plan	Mon 12/9/19	Fri 6/5/20	26 wks
4	Semi-Annual Progress Report #2	Mon 12/9/19	Fri 6/5/20	26 wks
5	Soil Remediation	Mon 6/8/20	Fri 12/4/20	26 wks
6	VRP Compliance Status Report	Mon 6/8/20	Fri 12/4/20	26 wks



Task		Project Summary		Manual Task		Start-only		Deadline	
Split		Inactive Task		Duration-only		Finish-only		Progress	
Milestone		Inactive Milestone		Manual Summary Rollup		External Tasks		Manual Progress	
Summary		Inactive Summary		Manual Summary		External Milestone			